

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051823\
 Data File : VN077733.D
 Acq On : 18 May 2023 13:47
 Operator : JC\MD
 Sample : VN0518WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS01

Quant Time: May 19 07:34:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/19/2023
 Supervised By : Mahesh Dadoda 05/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	420411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	752206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	656291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	286077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	312965	49.753	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.500%		
35) Dibromofluoromethane	8.177	113	261736	53.361	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.720%		
50) Toluene-d8	10.576	98	1012497	53.628	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.260%		
62) 4-Bromofluorobenzene	12.853	95	334559	50.174	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	96756	20.223	ug/l	99
3) Chloromethane	2.365	50	97862	18.150	ug/l	99
4) Vinyl Chloride	2.524	62	113688	18.847	ug/l	100
5) Bromomethane	2.971	94	81555	18.280	ug/l	94
6) Chloroethane	3.130	64	78062	17.956	ug/l	99
7) Trichlorofluoromethane	3.506	101	176153	20.954	ug/l	97
8) Diethyl Ether	3.971	74	62762	20.450	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.389	101	95812	20.594	ug/l	96
10) Methyl Iodide	4.606	142	121094	21.825	ug/l	96
11) Tert butyl alcohol	5.536	59	78485	90.406	ug/l	100
12) 1,1-Dichloroethene	4.353	96	89590	20.261	ug/l	98
13) Acrolein	4.200	56	54985	82.565	ug/l	94
14) Allyl chloride	5.030	41	135154	20.806	ug/l	93
15) Acrylonitrile	5.730	53	211529	91.202	ug/l	99
16) Acetone	4.442	43	197817	99.956	ug/l	94
17) Carbon Disulfide	4.724	76	211264	17.732	ug/l	100
18) Methyl Acetate	5.036	43	156186	18.812	ug/l	92
19) Methyl tert-butyl Ether	5.806	73	319571	19.967	ug/l	98
20) Methylene Chloride	5.289	84	104803	19.126	ug/l #	84
21) trans-1,2-Dichloroethene	5.789	96	99910	20.115	ug/l	92
22) Diisopropyl ether	6.677	45	302147	19.844	ug/l #	94
23) Vinyl Acetate	6.612	43	850642	90.172	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	194515	20.853	ug/l	96
25) 2-Butanone	7.494	43	285201	92.124	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	166609	21.024	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	116647	19.586	ug/l	86
28) Bromochloromethane	7.818	49	92749	22.991	ug/l	89
29) Tetrahydrofuran	7.847	42	178481	88.046	ug/l #	84
30) Chloroform	7.977	83	203193	19.802	ug/l	96
31) Cyclohexane	8.265	56	166024	19.419	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	180138	20.649	ug/l	98
36) 1,1-Dichloropropene	8.377	75	152061	21.195	ug/l	95
37) Ethyl Acetate	7.565	43	116964	18.291	ug/l	95
38) Carbon Tetrachloride	8.371	117	155899	21.519	ug/l	97
39) Methylcyclohexane	9.606	83	182000	20.721	ug/l	91
40) Benzene	8.612	78	444332	20.987	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	61659	18.106	ug/l	92
42) 1,2-Dichloroethane	8.682	62	154921	20.144	ug/l	95
43) Isopropyl Acetate	8.694	43	201681	19.309	ug/l	95
44) Trichloroethene	9.359	130	115151	21.480	ug/l	96
45) 1,2-Dichloropropane	9.624	63	112703	20.870	ug/l	99
46) Dibromomethane	9.712	93	77850	20.146	ug/l	96
47) Bromodichloromethane	9.894	83	161251	21.796	ug/l	99
48) Methyl methacrylate	9.688	41	93854	18.952	ug/l	87
49) 1,4-Dioxane	9.706	88	35924	384.080	ug/l #	78
51) 4-Methyl-2-Pentanone	10.453	43	582721	93.857	ug/l	93
52) Toluene	10.635	92	276790	21.000	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	155114	19.799	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	175001	20.270	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	108717	20.774	ug/l	97
56) Ethyl methacrylate	10.882	69	154997	19.588	ug/l	92
57) 1,3-Dichloropropane	11.171	76	185071	20.628	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	300733	77.254	ug/l	92
59) 2-Hexanone	11.200	43	427291	93.046	ug/l	90
60) Dibromochloromethane	11.365	129	113500	21.008	ug/l	98
61) 1,2-Dibromoethane	11.476	107	106707	20.438	ug/l	98
64) Tetrachloroethene	11.112	164	108240	23.584	ug/l	98
65) Chlorobenzene	11.900	112	293933	20.659	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	108872	22.115	ug/l	99
67) Ethyl Benzene	11.971	91	532325	20.878	ug/l	98
68) m/p-Xylenes	12.076	106	413562	42.808	ug/l	98
69) o-Xylene	12.406	106	200495	21.103	ug/l	96
70) Styrene	12.418	104	315508	20.904	ug/l	96
71) Bromoform	12.588	173	67574	20.634	ug/l #	97
73) Isopropylbenzene	12.700	105	533854	21.649	ug/l	98
74) N-amyl acetate	12.500	43	157305	17.258	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.947	83	145672	19.202	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	124593m	17.391	ug/l	
77) Bromobenzene	12.988	156	113480	20.165	ug/l	99
78) n-propylbenzene	13.041	91	614302	21.130	ug/l	99
79) 2-Chlorotoluene	13.129	91	373283	21.517	ug/l	100
80) 1,3,5-Trimethylbenzene	13.182	105	450601	21.741	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	39236	17.506	ug/l	89
82) 4-Chlorotoluene	13.229	91	357357	20.704	ug/l	99
83) tert-Butylbenzene	13.447	119	389299	21.516	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	441266	21.648	ug/l	99
85) sec-Butylbenzene	13.623	105	553147	21.512	ug/l	100
86) p-Isopropyltoluene	13.735	119	460236	22.451	ug/l	100
87) 1,3-Dichlorobenzene	13.741	146	214071	20.569	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	211785	20.507	ug/l	99
89) n-Butylbenzene	14.065	91	386021	20.473	ug/l	99
90) Hexachloroethane	14.341	117	70976	21.076	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	213076	21.916	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	25427	17.312	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	105070	18.493	ug/l	97
94) Hexachlorobutadiene	15.506	225	51814	21.964	ug/l	98
95) Naphthalene	15.647	128	313963	16.054	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	105192	18.910	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

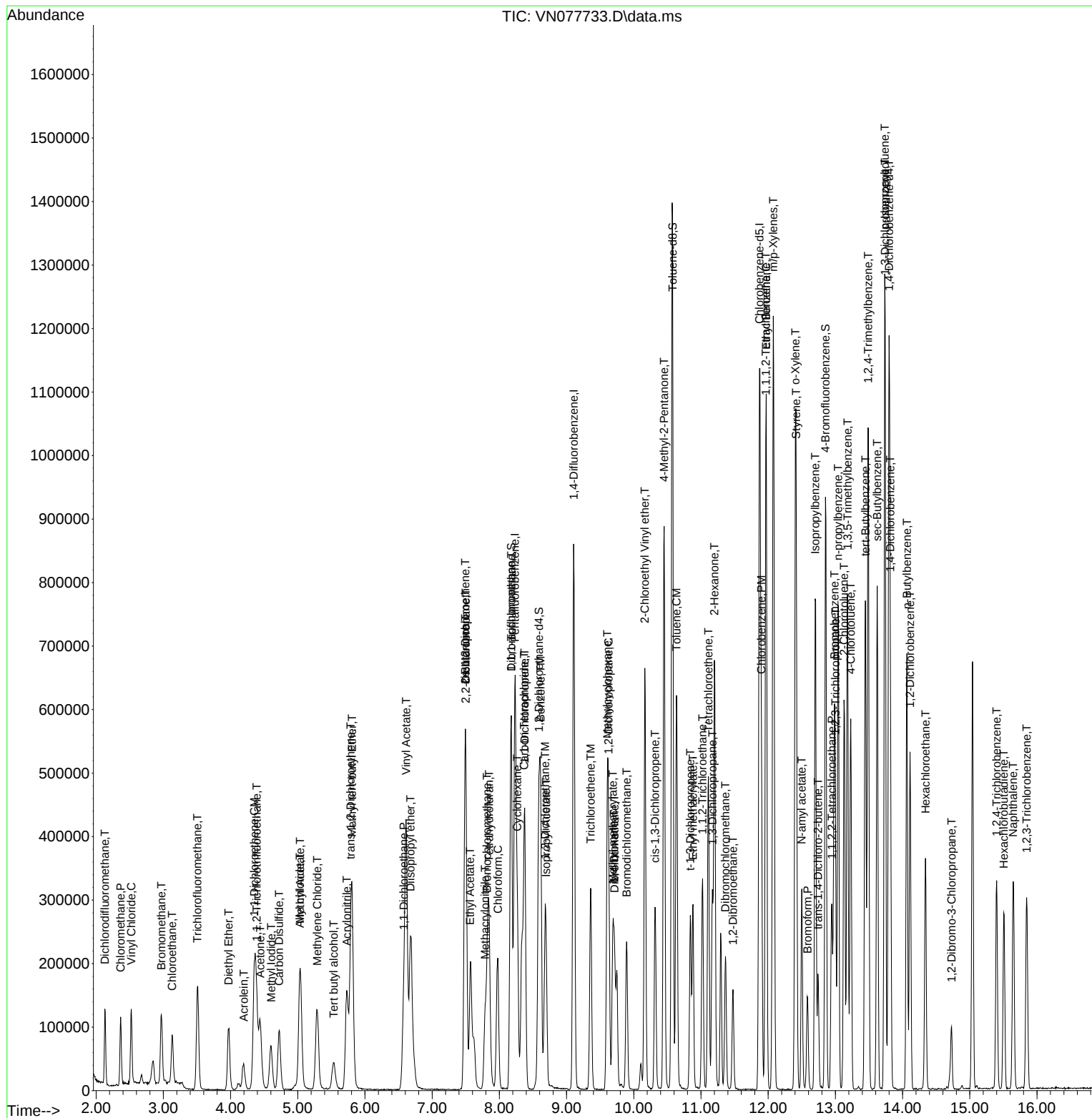
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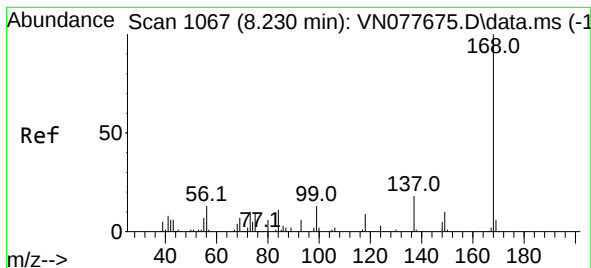
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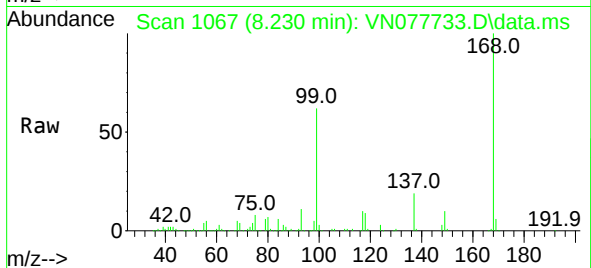
Reviewed By : John Carlone 05/19/2023
 Supervised By : Mahesh Dadoda 05/19/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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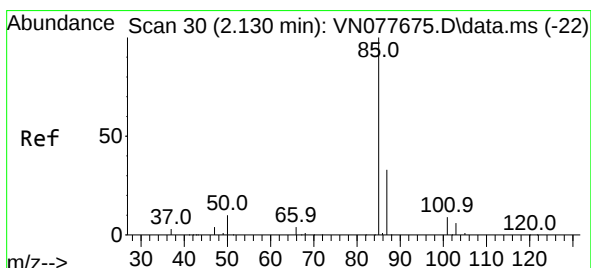
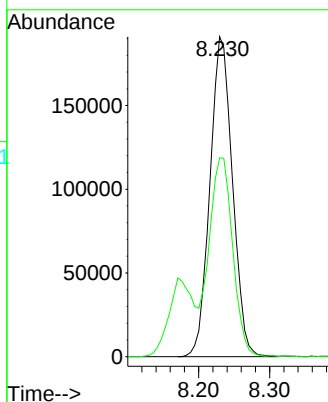
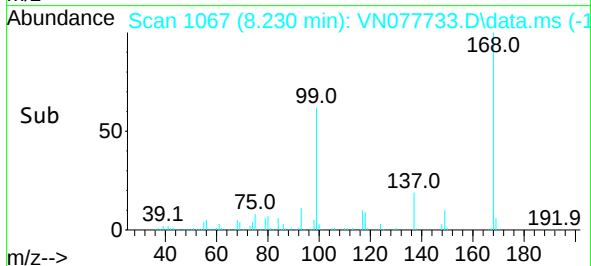
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ClientSampleId :
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Tgt Ion:168 Resp: 42041
Ion Ratio Lower Upper
168 100
99 62.0 53.0 79.6

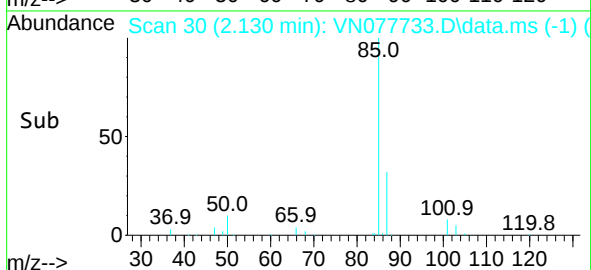
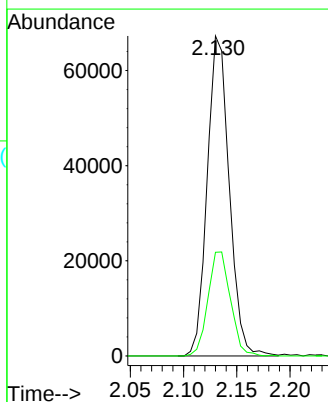
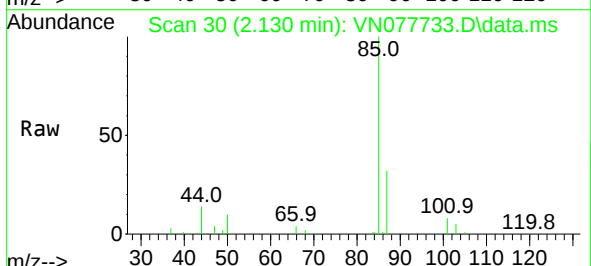
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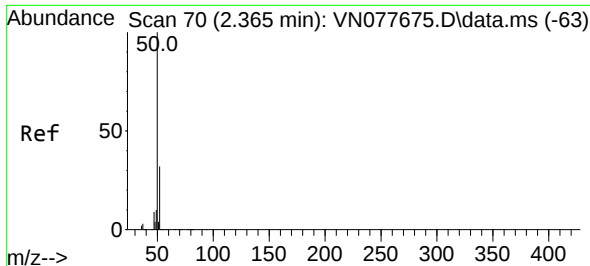
Reviewed By :John Carlone 05/19/2023
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#2
Dichlorodifluoromethane
Concen: 20.223 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

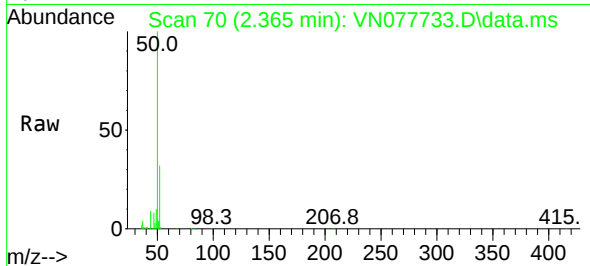
Tgt Ion: 85 Resp: 96756
Ion Ratio Lower Upper
85 100
87 32.4 15.8 47.4





#3
Chloromethane
Concen: 18.150 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

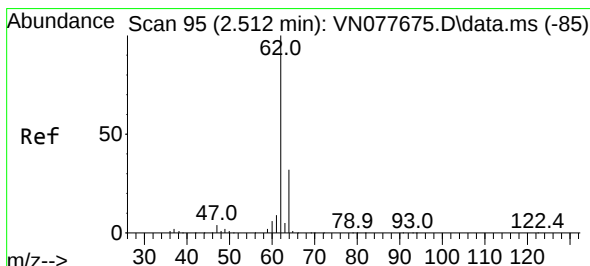
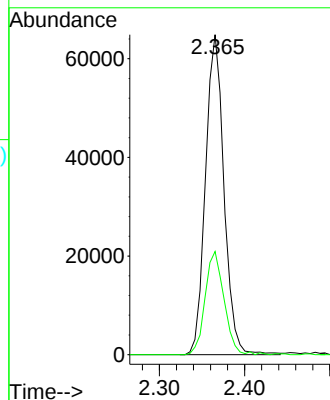
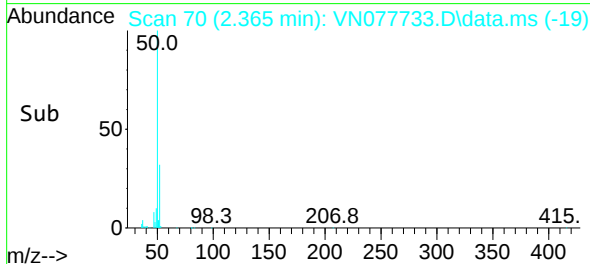
Instrument :
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Tgt Ion: 50 Resp: 97862
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7

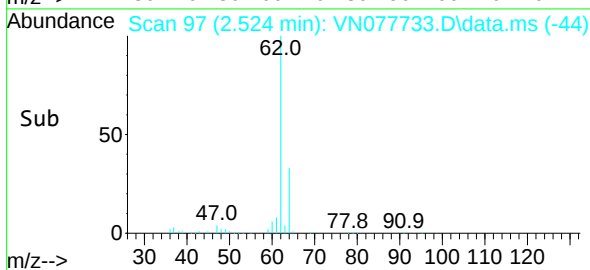
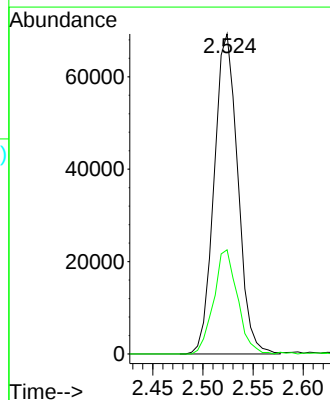
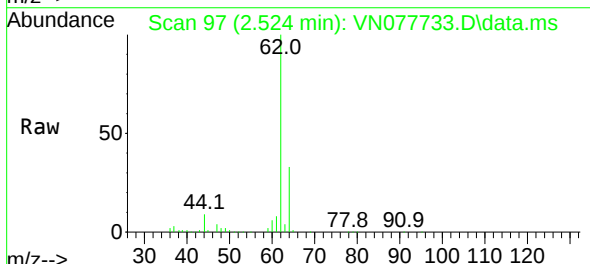
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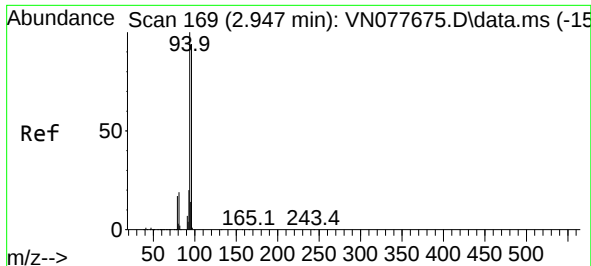
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#4
Vinyl Chloride
Concen: 18.847 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

Tgt Ion: 62 Resp: 113688
Ion Ratio Lower Upper
62 100
64 32.6 26.2 39.2





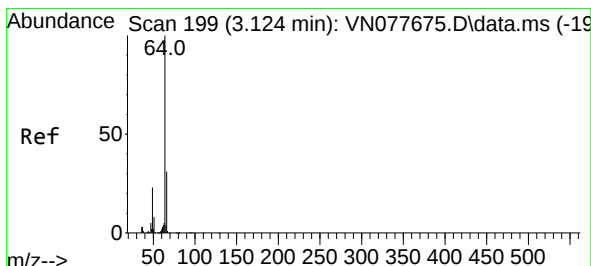
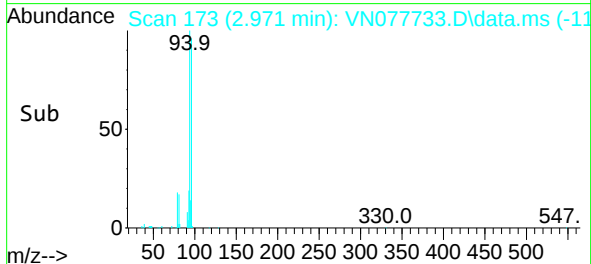
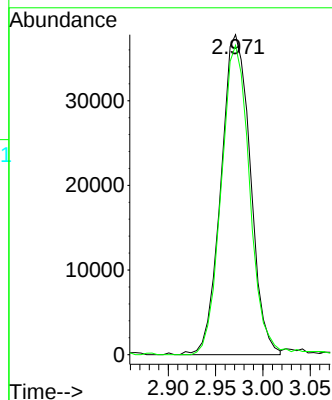
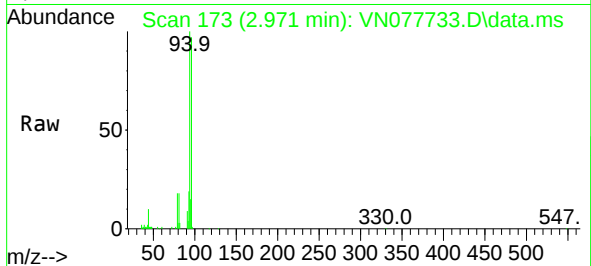
#5
Bromomethane
Concen: 18.280 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN077733.D
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Instrument :
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Tgt Ion: 94 Resp: 8155
Ion Ratio Lower Upper
94 100
96 96.6 73.1 109.7

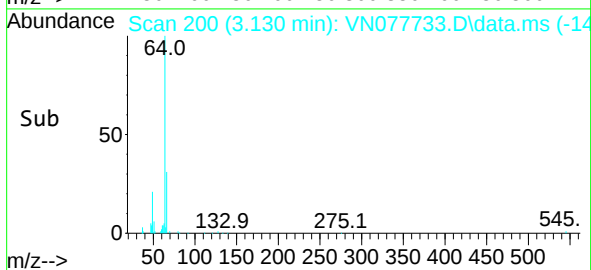
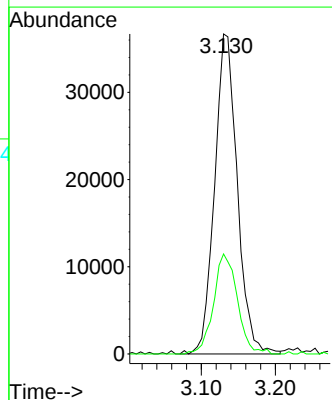
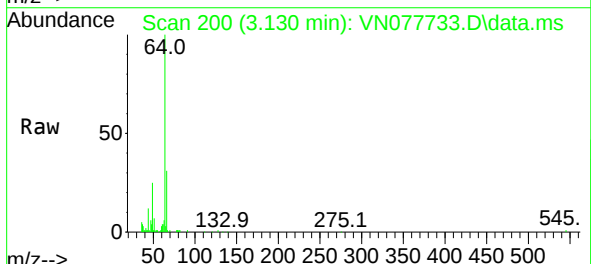
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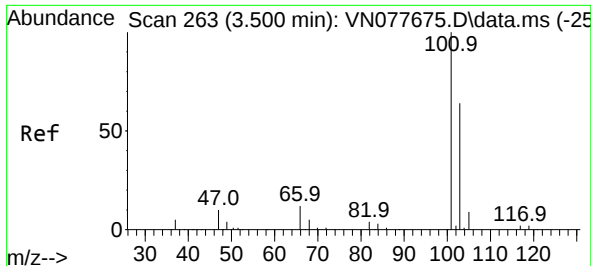
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#6
Chloroethane
Concen: 17.956 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

Tgt Ion: 64 Resp: 78062
Ion Ratio Lower Upper
64 100
66 31.3 25.4 38.2





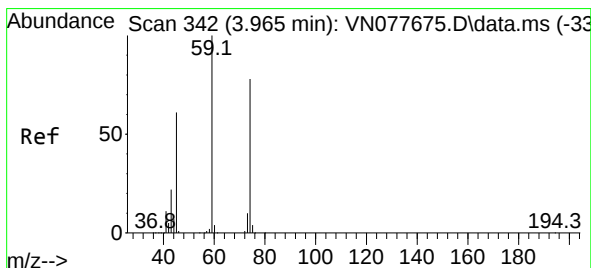
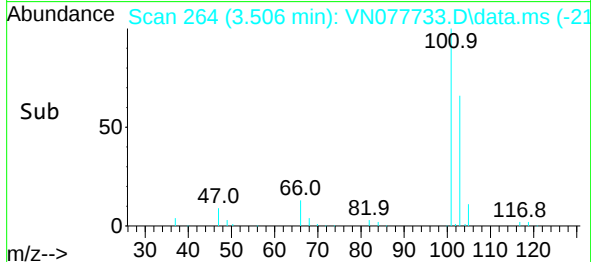
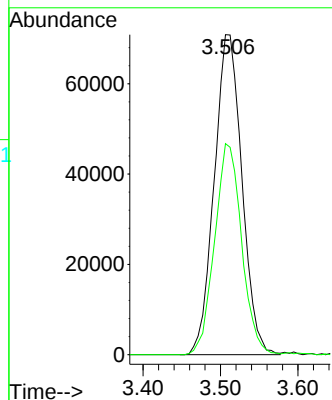
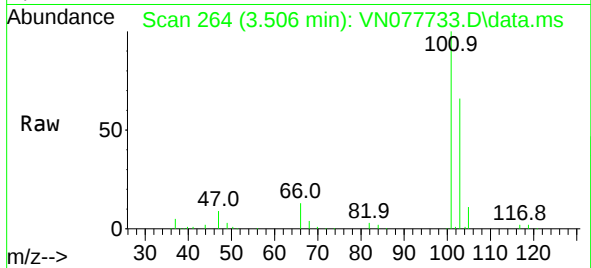
#7
Trichlorofluoromethane
Concen: 20.954 ug/l
RT: 3.506 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN077733.D
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Instrument :
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Tgt Ion:101 Resp: 17615
Ion Ratio Lower Upper
101 100
103 66.0 50.7 76.1

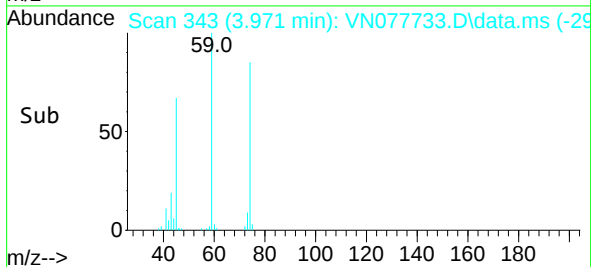
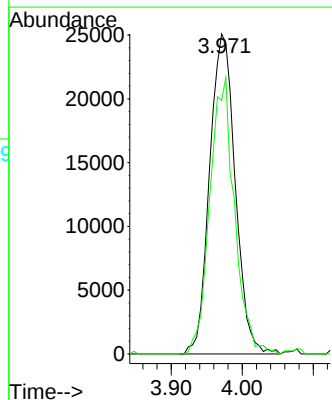
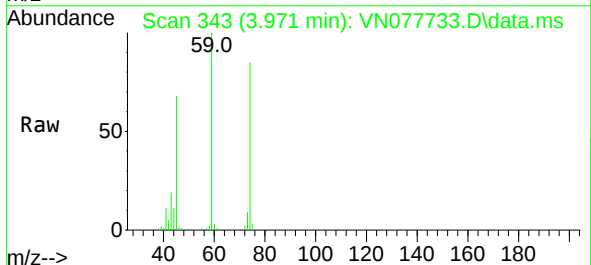
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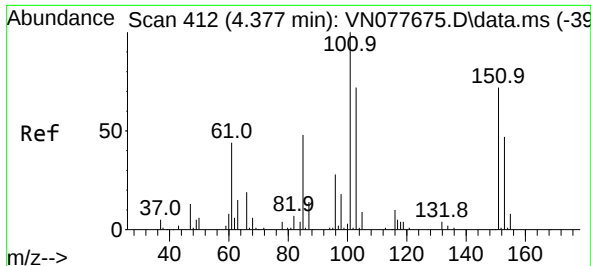
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Supervised By :Mahesh Dadoda 05/19/2023



#8
Diethyl Ether
Concen: 20.450 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

Tgt Ion: 74 Resp: 62762
Ion Ratio Lower Upper
74 100
45 83.3 34.4 103.3





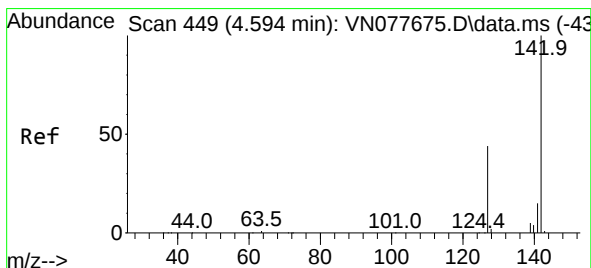
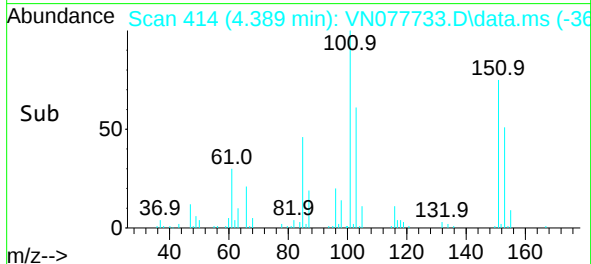
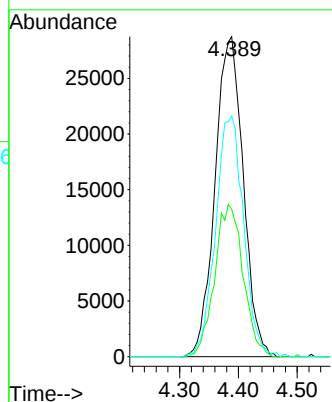
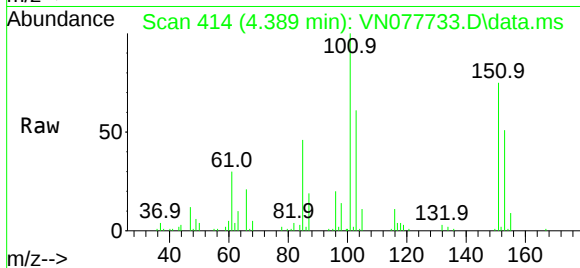
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.594 ug/l
RT: 4.389 min Scan# 412
Delta R.T. 0.012 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01

Tgt Ion:101 Resp: 95812
Ion Ratio Lower Upper
101 100
85 48.1 36.6 55.0
151 75.0 57.6 86.4

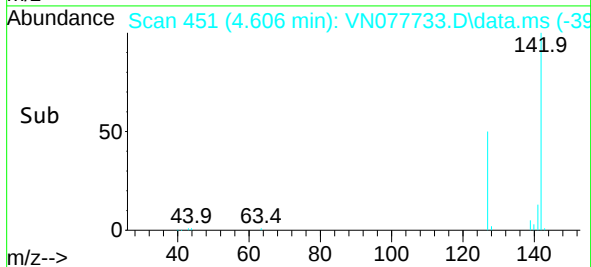
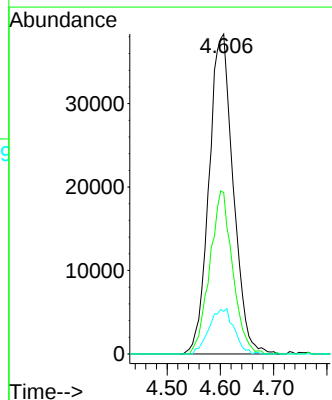
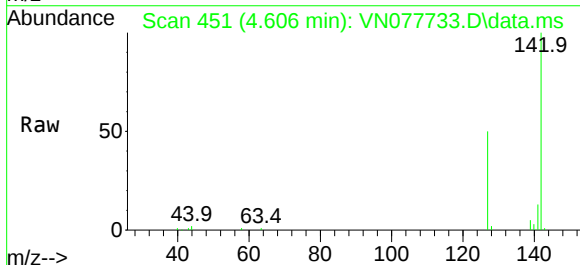
Manual Integrations
APPROVED

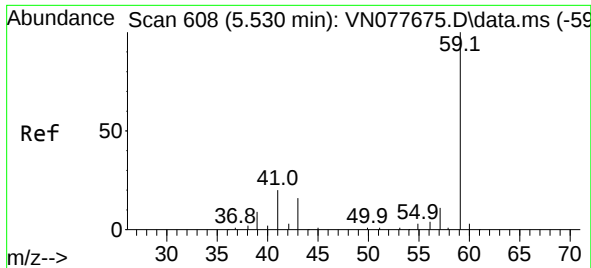
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#10
Methyl Iodide
Concen: 21.825 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.012 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

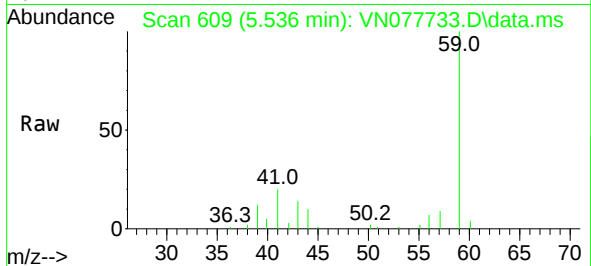
Tgt Ion:142 Resp: 121094
Ion Ratio Lower Upper
142 100
127 50.4 37.6 56.4
141 13.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 90.406 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

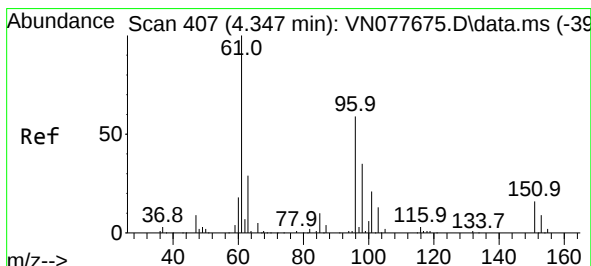
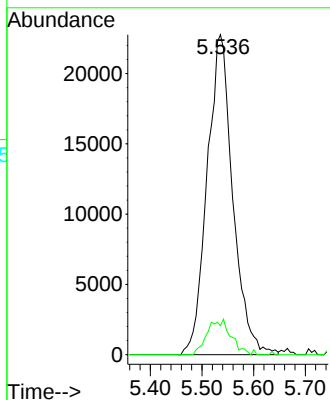
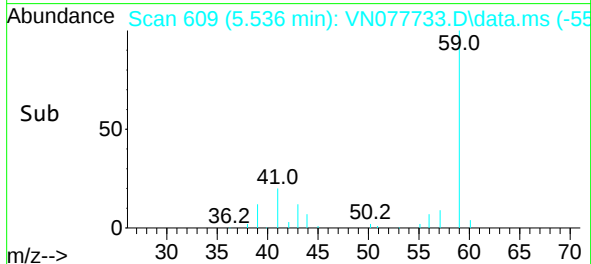
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01



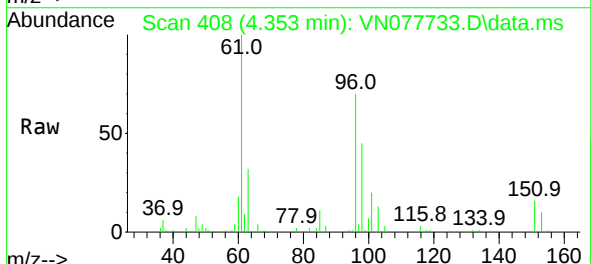
Tgt Ion: 59 Resp: 7848
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

Manual Integrations
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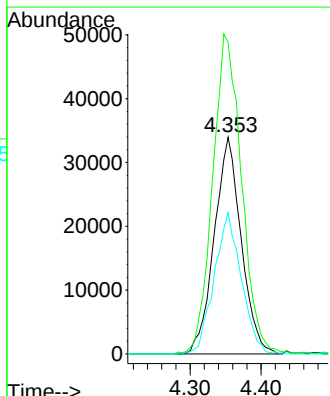
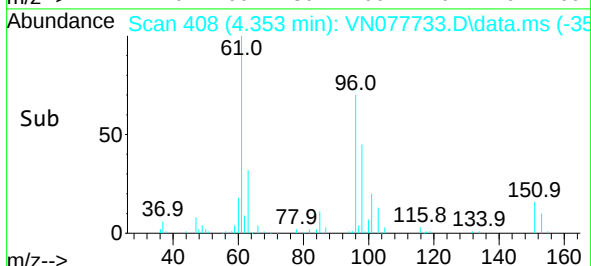
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

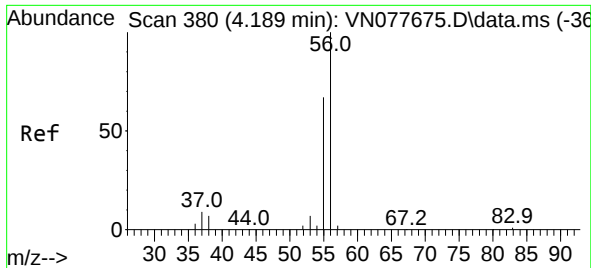


#12
1,1-Dichloroethene
Concen: 20.261 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47



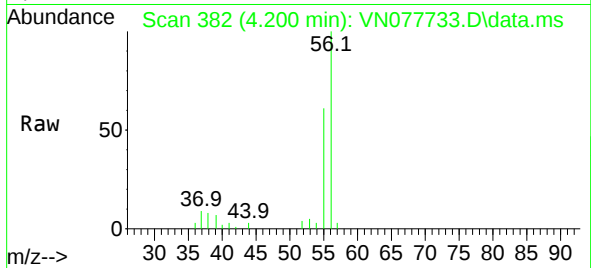
Tgt Ion: 96 Resp: 89590
Ion Ratio Lower Upper
96 100
61 142.9 112.7 169.1
98 65.2 51.2 76.8





#13
Acrolein
Concen: 82.565 ug/l
RT: 4.200 min Scan# 381
Delta R.T. 0.011 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

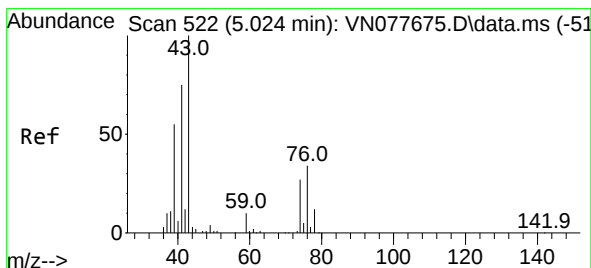
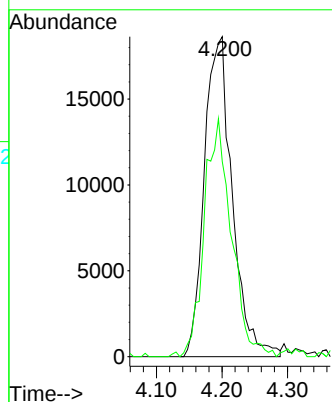
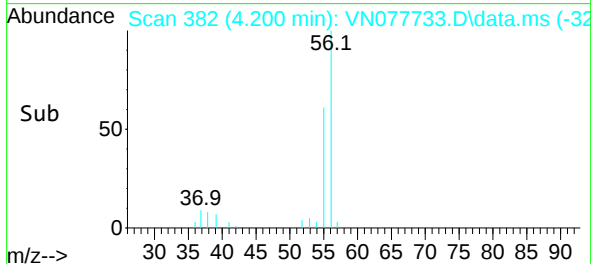
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01



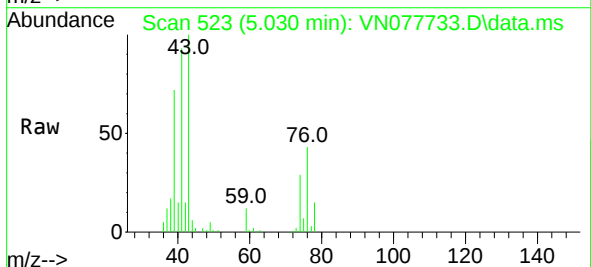
Tgt Ion: 56 Resp: 5498
Ion Ratio Lower Upper
56 100
55 72.7 54.5 81.7

Manual Integrations
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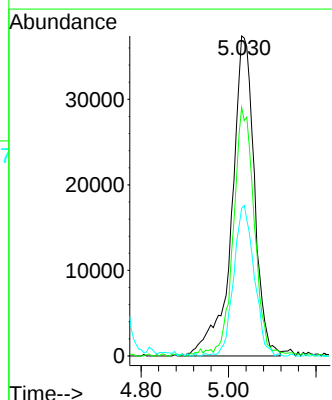
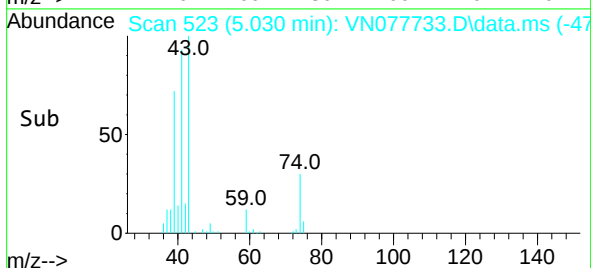
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

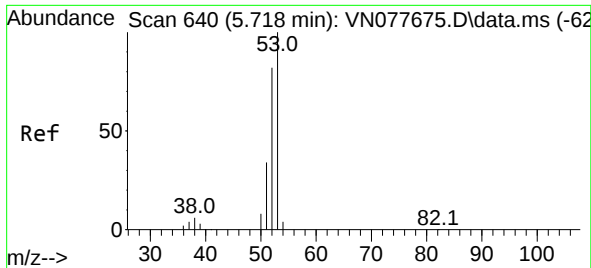


#14
Allyl chloride
Concen: 20.806 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47



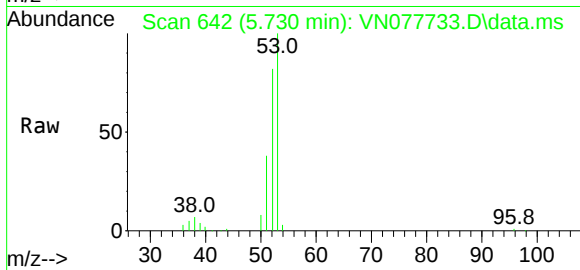
Tgt Ion: 41 Resp: 135154
Ion Ratio Lower Upper
41 100
39 69.9 58.8 88.2
76 42.2 39.1 58.7





#15
Acrylonitrile
Concen: 91.202 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

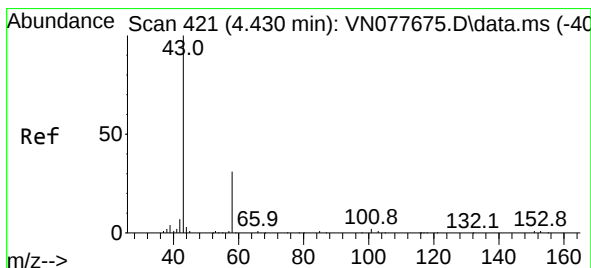
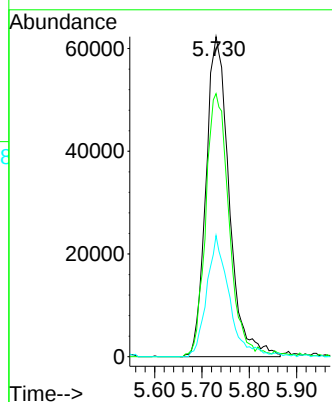
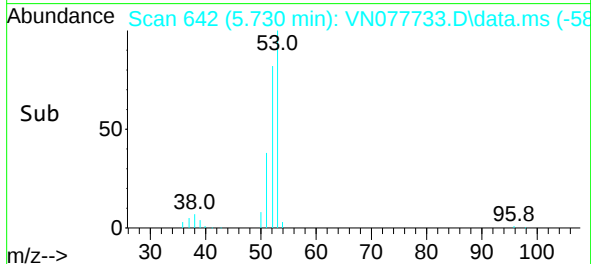
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01



Tgt Ion: 53 Resp: 211529
Ion Ratio Lower Upper
53 100
52 82.9 65.3 97.9
51 36.4 28.9 43.3

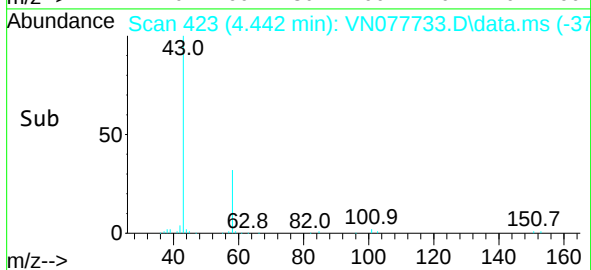
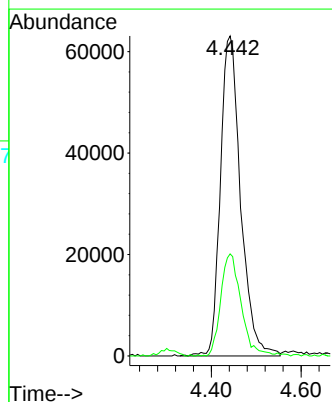
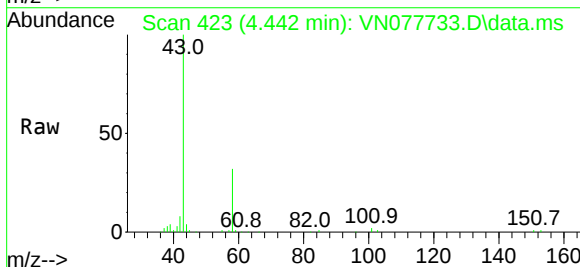
Manual Integrations
APPROVED

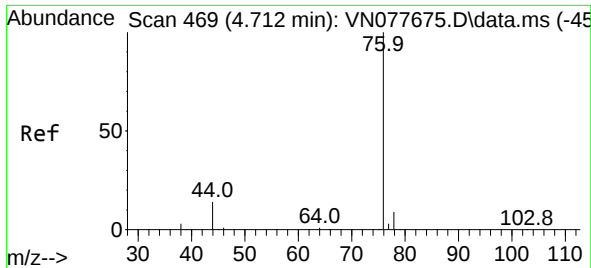
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#16
Acetone
Concen: 99.956 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

Tgt Ion: 43 Resp: 197817
Ion Ratio Lower Upper
43 100
58 31.4 28.0 42.0





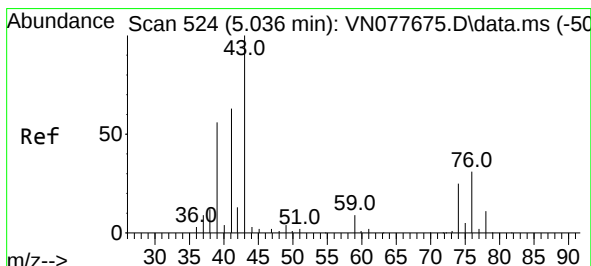
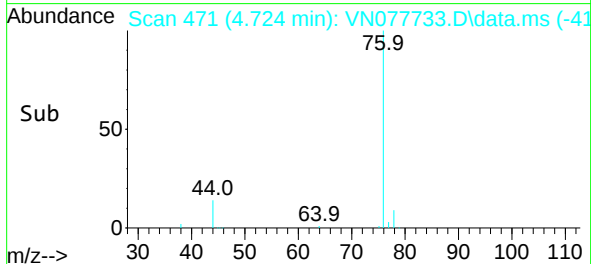
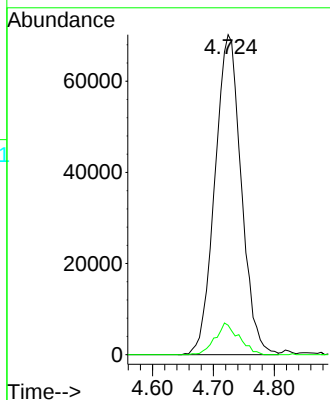
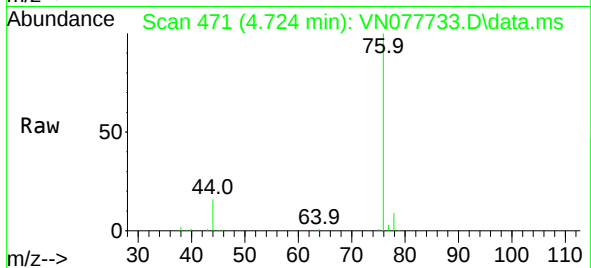
#17
Carbon Disulfide
Concen: 17.732 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01

Tgt Ion: 76 Resp: 211264
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

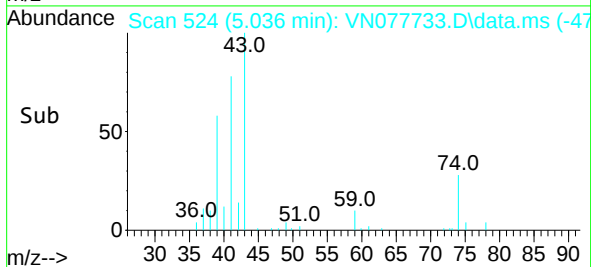
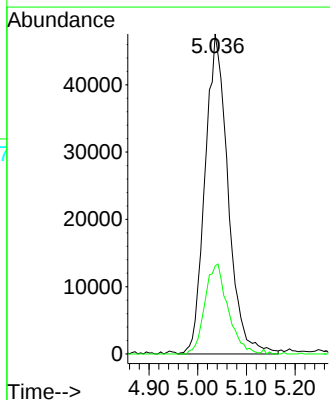
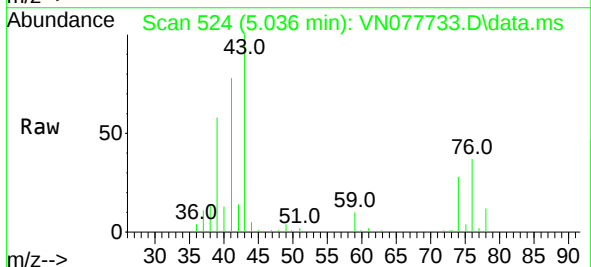
Manual Integrations
APPROVED

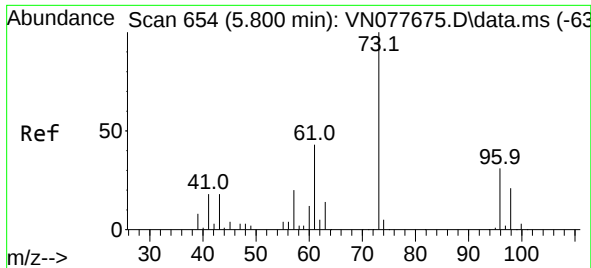
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#18
Methyl Acetate
Concen: 18.812 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

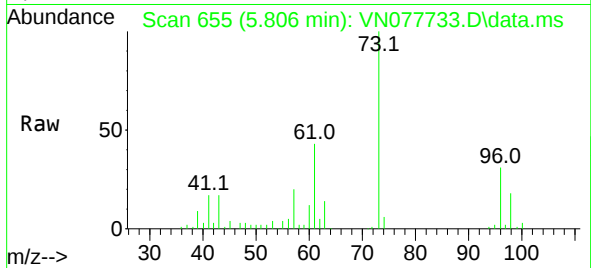
Tgt Ion: 43 Resp: 156186
Ion Ratio Lower Upper
43 100
74 28.1 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 19.967 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

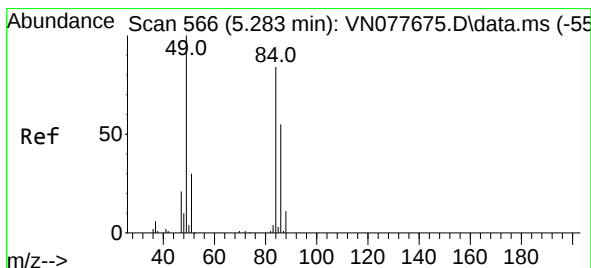
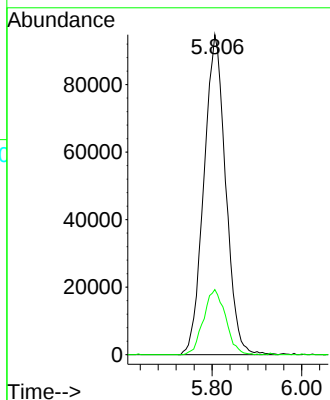
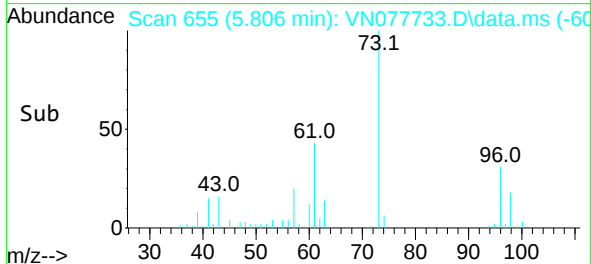
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01



Tgt Ion: 73 Resp: 31957
Ion Ratio Lower Upper
73 100
57 20.3 15.6 23.4

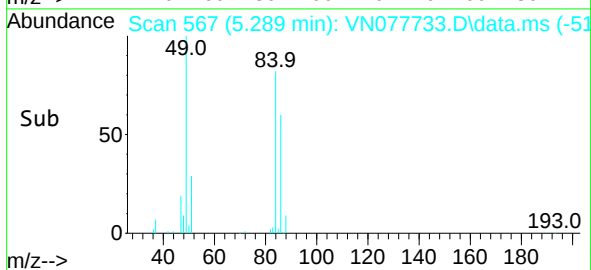
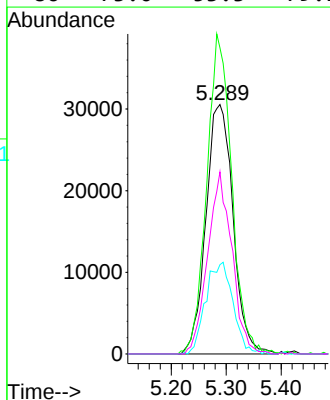
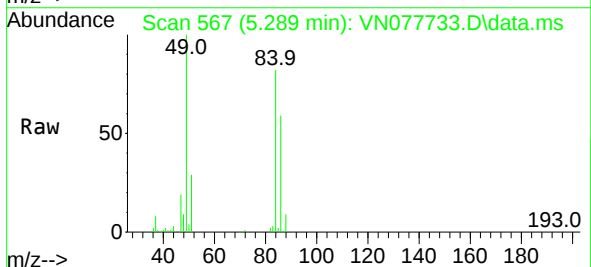
Manual Integrations
APPROVED

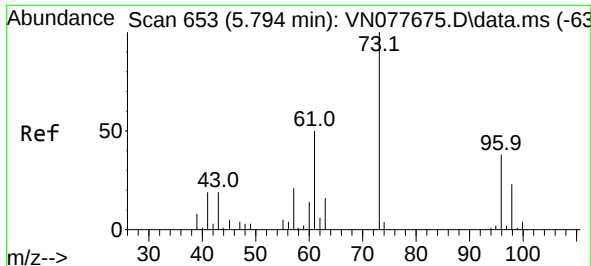
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#20
Methylene Chloride
Concen: 19.126 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

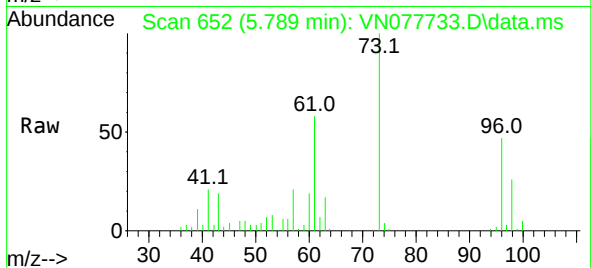
Tgt Ion: 84 Resp: 104803
Ion Ratio Lower Upper
84 100
49 122.7 79.7 119.5#
51 35.8 25.2 37.8
86 73.0 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 20.115 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

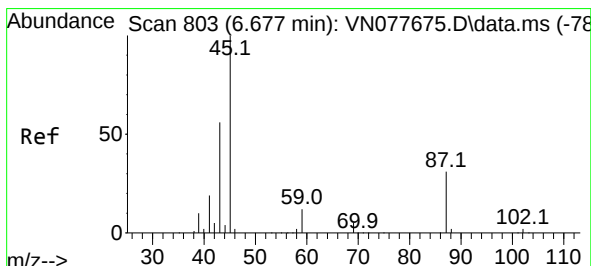
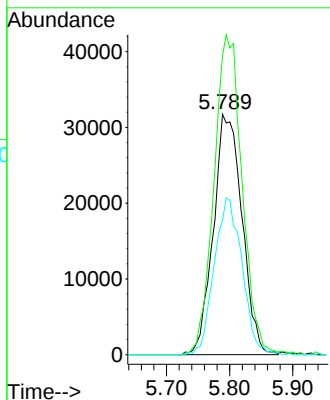
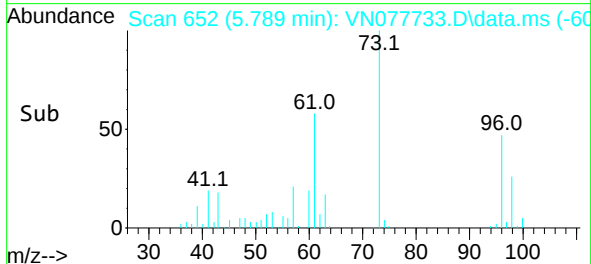
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01



Tgt Ion: 96 Resp: 99910
Ion Ratio Lower Upper
96 100
61 124.2 90.1 135.1
98 55.9 46.4 69.6

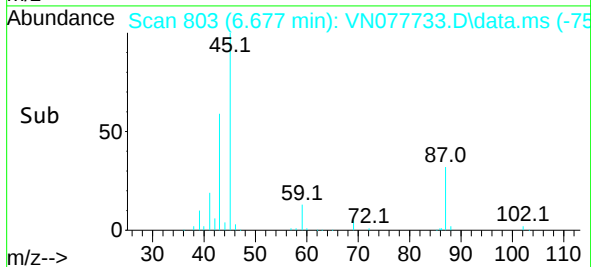
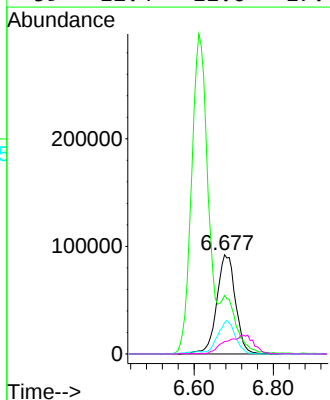
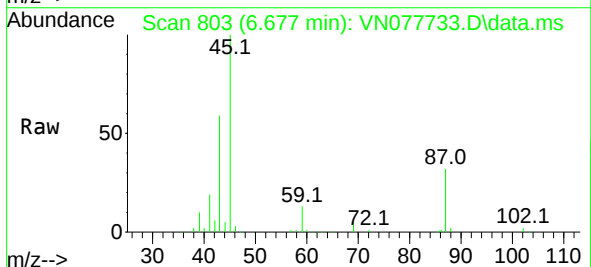
Manual Integrations
APPROVED

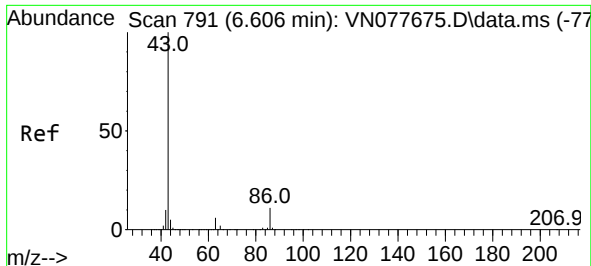
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#22
Diisopropyl ether
Concen: 19.844 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

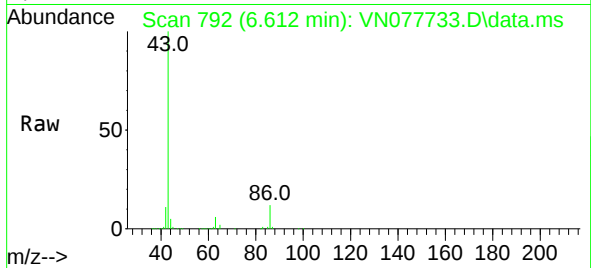
Tgt Ion: 45 Resp: 302147
Ion Ratio Lower Upper
45 100
43 58.1 45.5 68.3
87 31.8 31.8 47.8#
59 12.4 11.6 17.4





#23
 Vinyl Acetate
 Concen: 90.172 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077733.D
 Acq: 18 May 2023 13:47

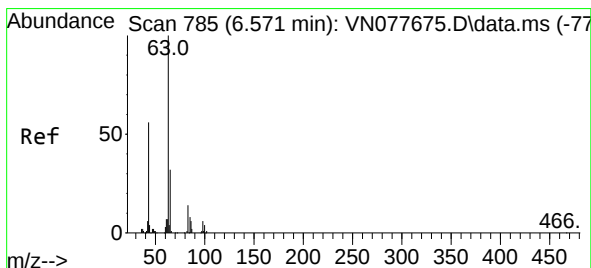
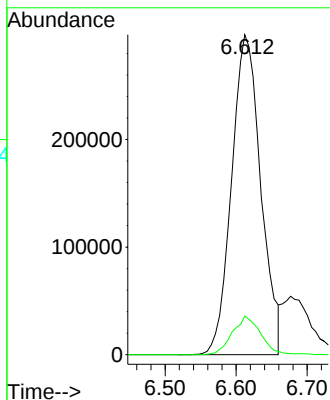
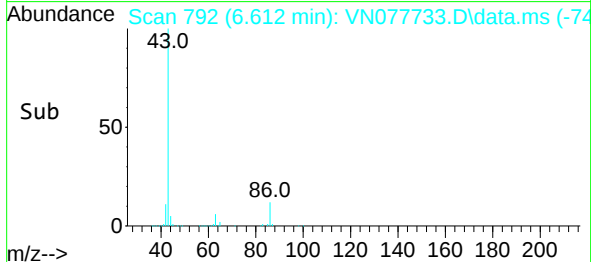
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS01



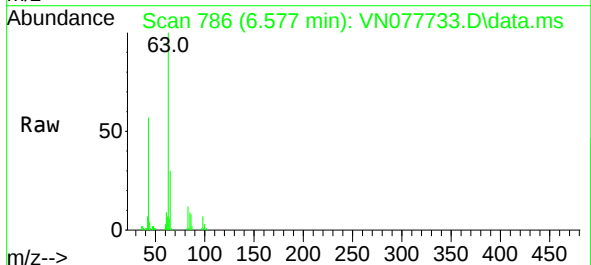
Tgt Ion: 43 Resp: 850642
 Ion Ratio Lower Upper
 43 100
 86 12.0 13.0 19.6

Manual Integrations
 APPROVED

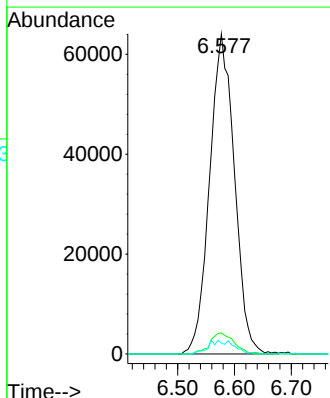
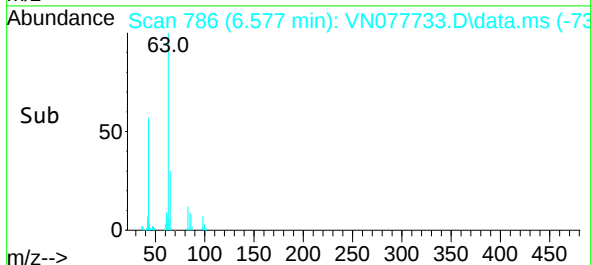
Reviewed By :John Carlone 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023

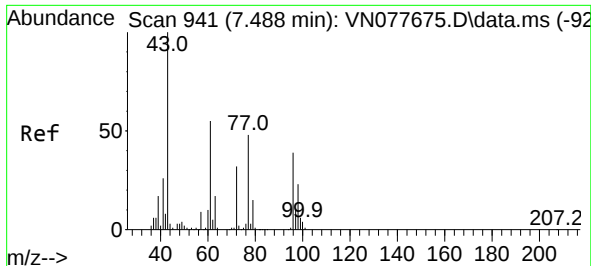


#24
 1,1-Dichloroethane
 Concen: 20.853 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077733.D
 Acq: 18 May 2023 13:47



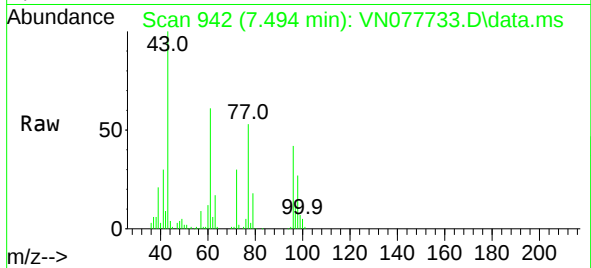
Tgt Ion: 63 Resp: 194515
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 3.4 2.5 7.4





#25
2-Butanone
Concen: 92.124 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

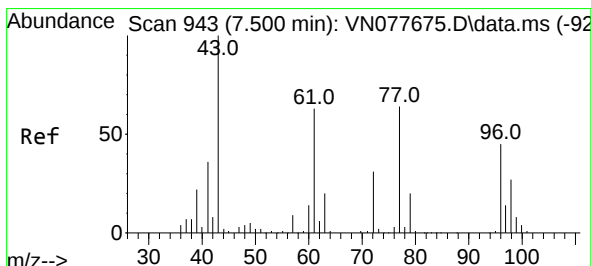
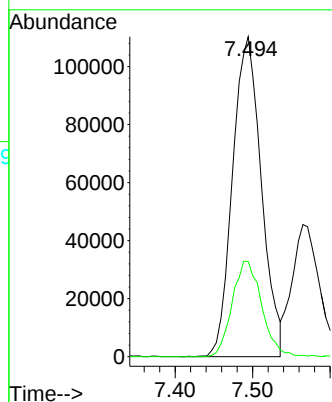
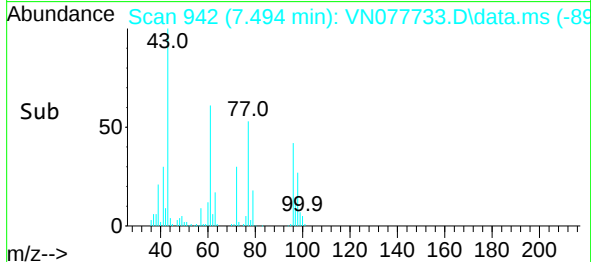
Instrument :
MSVOA_N
Client Sample Id :
VN0518WBS01



Tgt Ion: 43 Resp: 28520
Ion Ratio Lower Upper
43 100
72 29.8 30.2 45.2

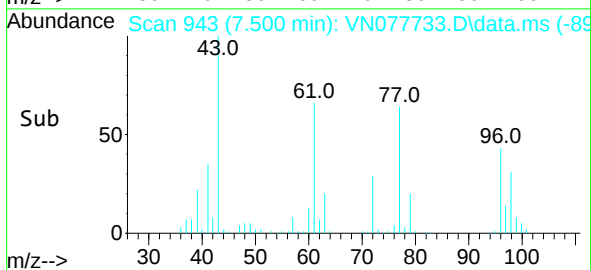
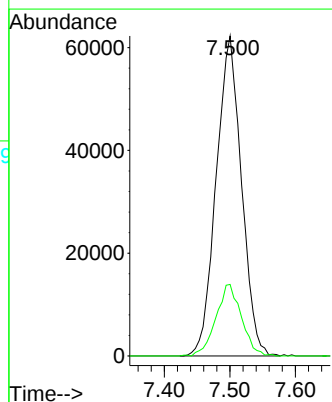
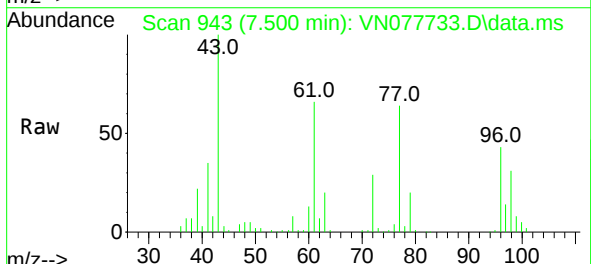
Manual Integrations
APPROVED

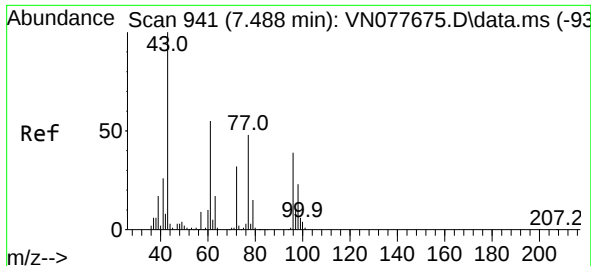
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#26
2,2-Dichloropropane
Concen: 21.024 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

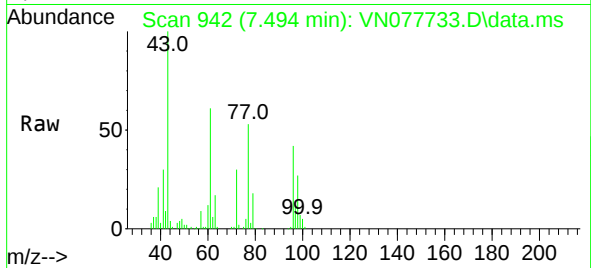
Tgt Ion: 77 Resp: 166609
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.586 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077733.D
 Acq: 18 May 2023 13:47

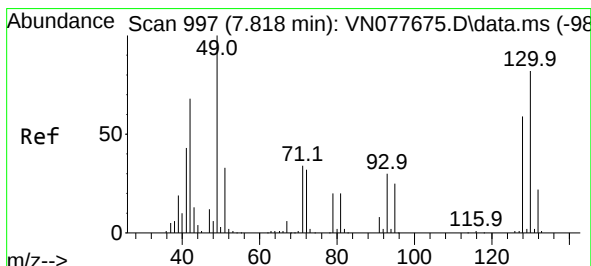
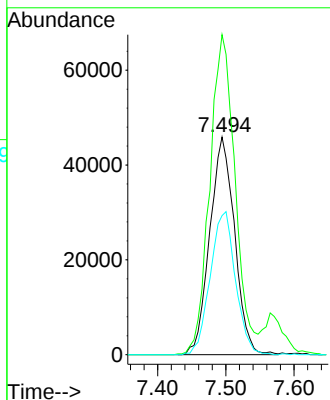
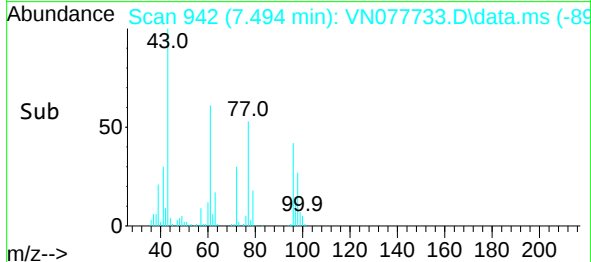
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS01



Tgt Ion: 96 Resp: 11664
 Ion Ratio Lower Upper
 96 100
 61 150.0 0.0 255.2
 98 66.8 0.0 128.8

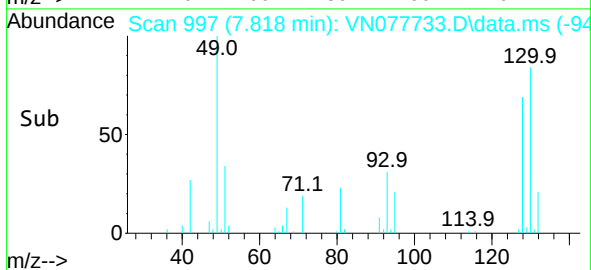
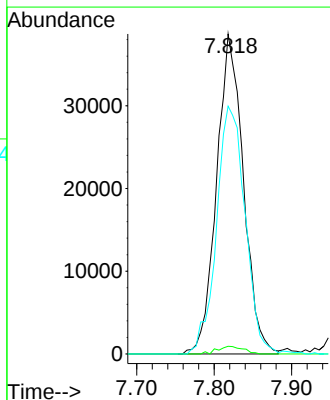
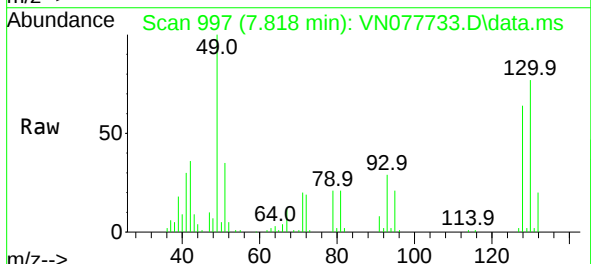
Manual Integrations
 APPROVED

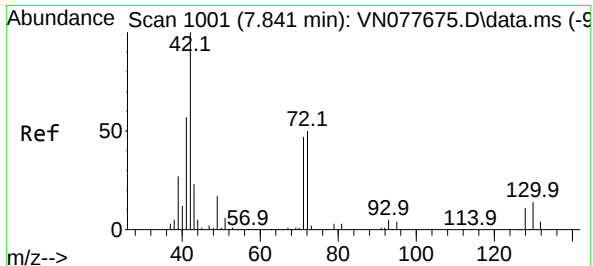
Reviewed By :John Carlone 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023



#28
 Bromochloromethane
 Concen: 22.991 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN077733.D
 Acq: 18 May 2023 13:47

Tgt Ion: 49 Resp: 92749
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 83.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 88.046 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077733.D

Acq: 18 May 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS01

Tgt Ion: 42 Resp: 17848

Ion Ratio Lower Upper

42 100

72 48.7 49.8 74.6

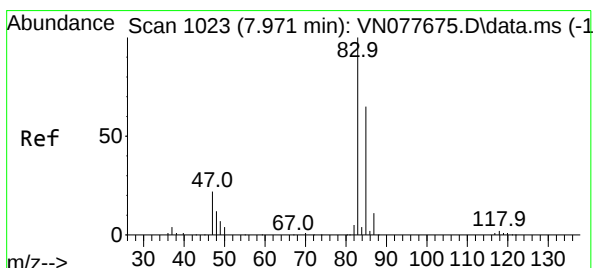
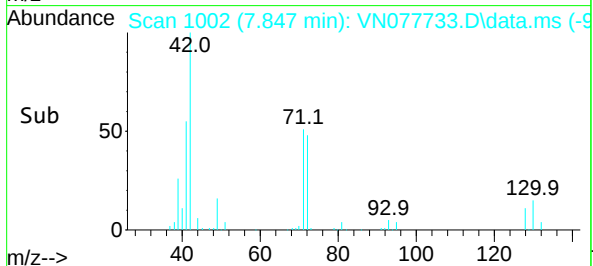
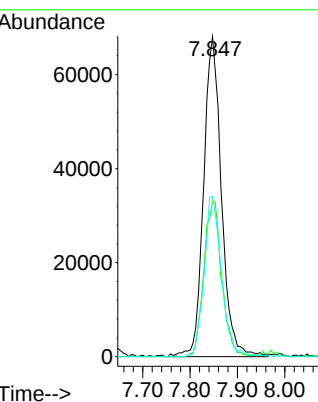
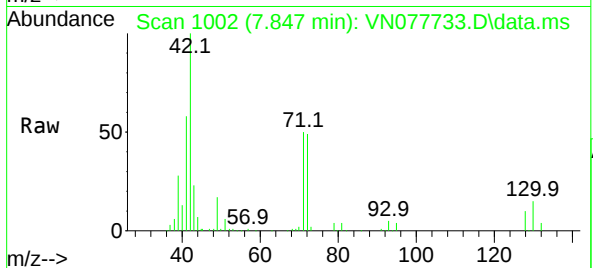
71 49.0 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#30

Chloroform

Concen: 19.802 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN077733.D

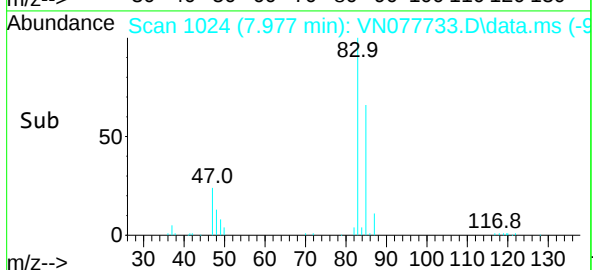
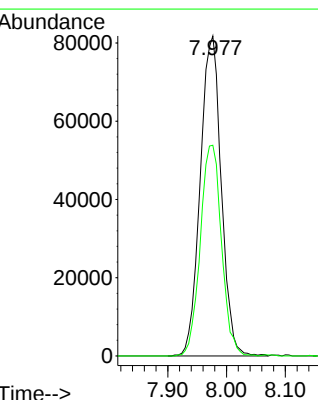
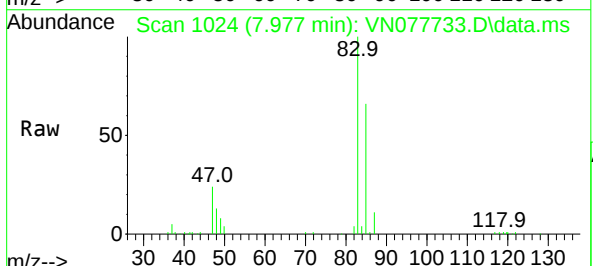
Acq: 18 May 2023 13:47

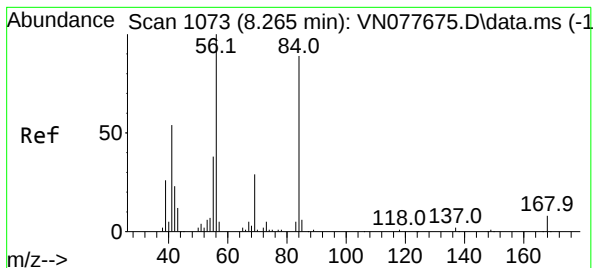
Tgt Ion: 83 Resp: 203193

Ion Ratio Lower Upper

83 100

85 65.8 55.4 83.0





#31

Cyclohexane

Concen: 19.419 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN077733.D

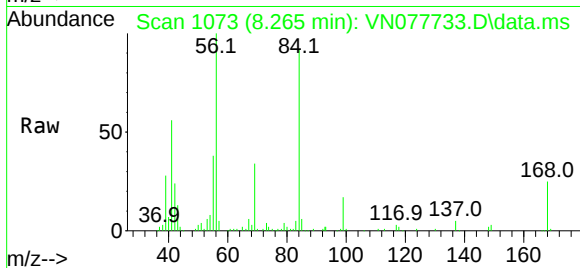
Acq: 18 May 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS01



Tgt Ion: 56 Resp: 166024

Ion Ratio Lower Upper

56 100

69 33.9 26.8 40.2

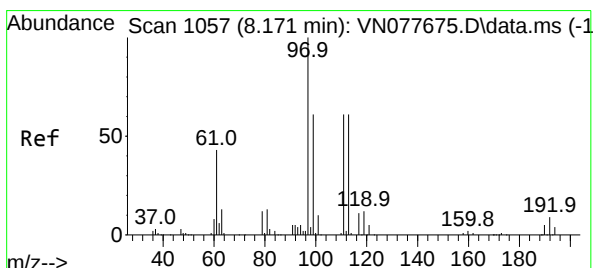
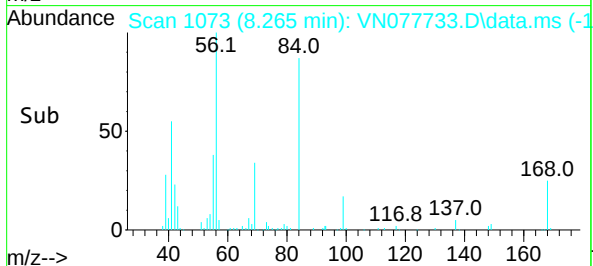
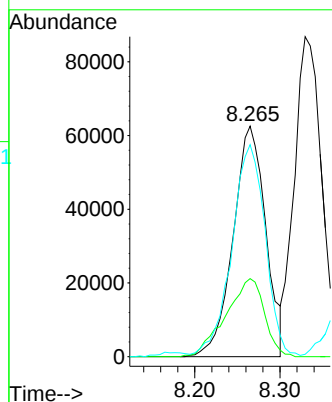
84 90.3 81.8 122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#32

1,1,1-Trichloroethane

Concen: 20.649 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077733.D

Acq: 18 May 2023 13:47

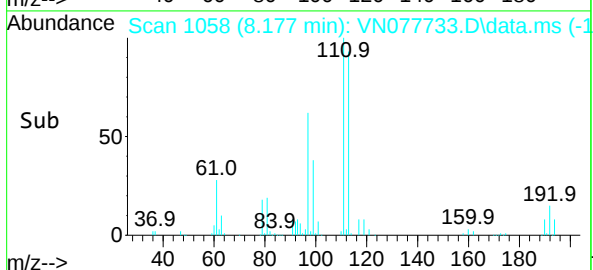
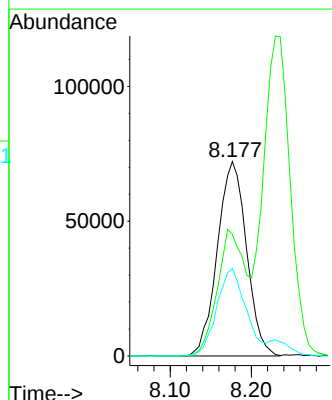
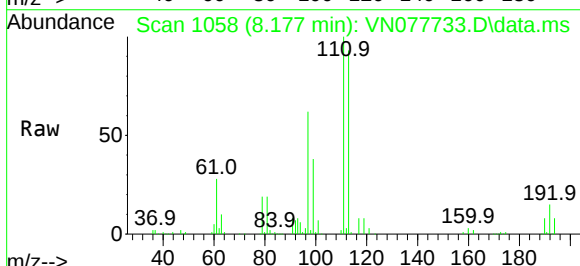
Tgt Ion: 97 Resp: 180138

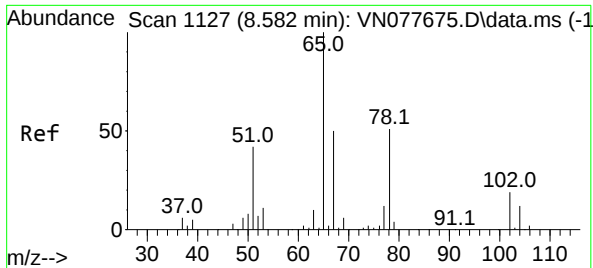
Ion Ratio Lower Upper

97 100

99 64.2 50.3 75.5

61 45.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.753 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN077733.D

Acq: 18 May 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS01

Tgt Ion: 65 Resp: 31296

Ion Ratio Lower Upper

65 100

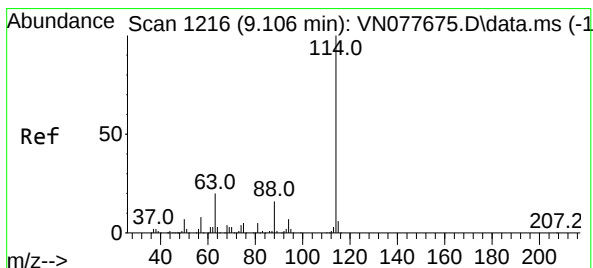
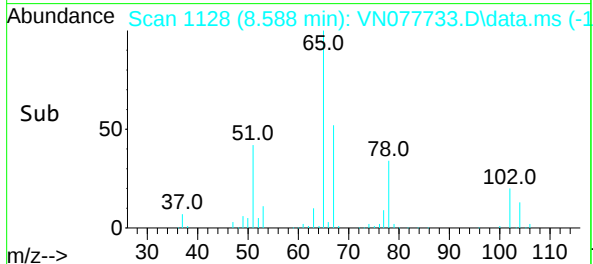
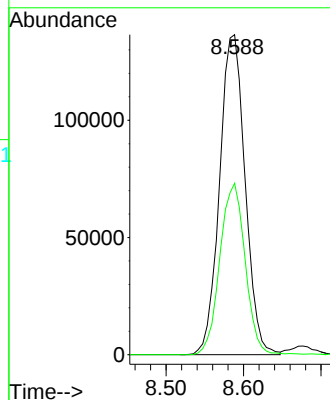
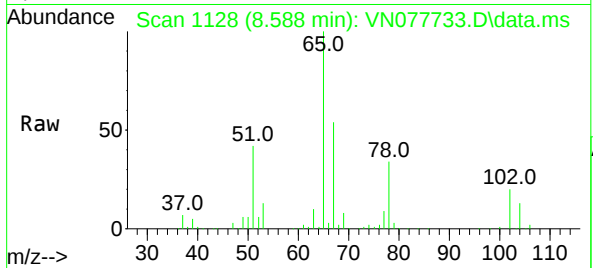
67 53.0 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN077733.D

Acq: 18 May 2023 13:47

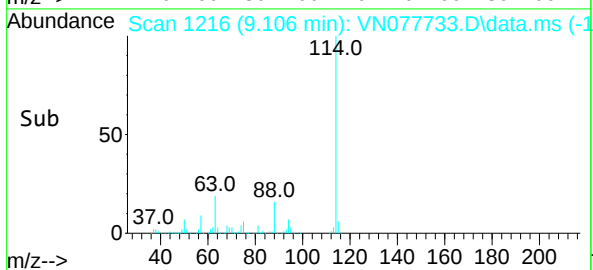
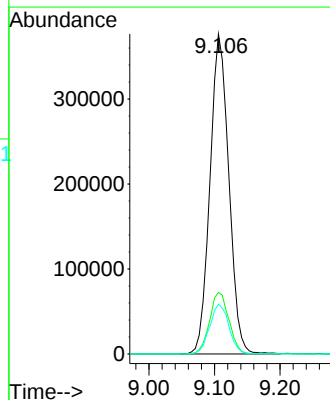
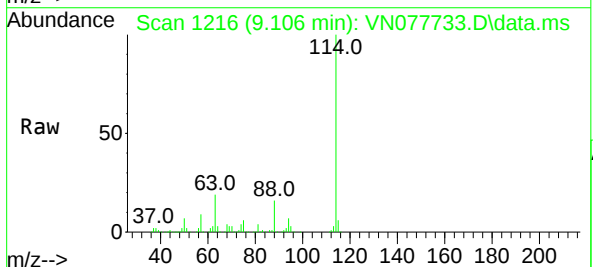
Tgt Ion:114 Resp: 752206

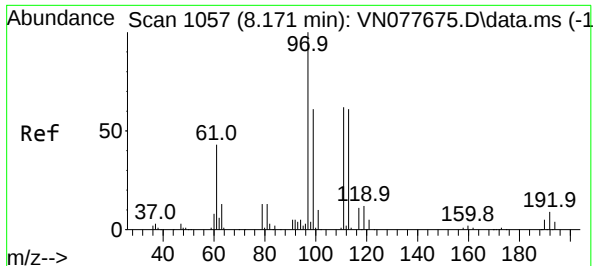
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.361 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077733.D

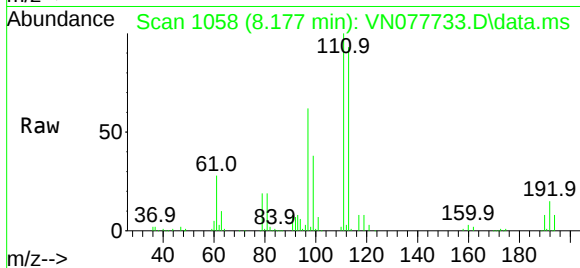
Acq: 18 May 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS01



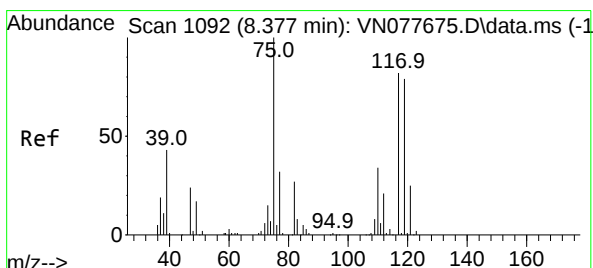
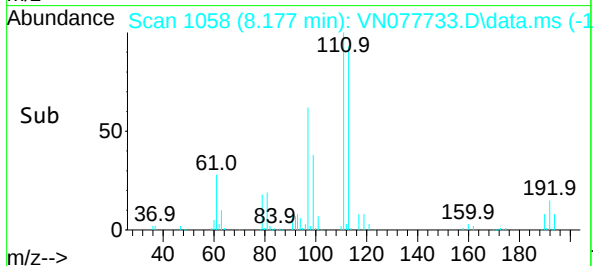
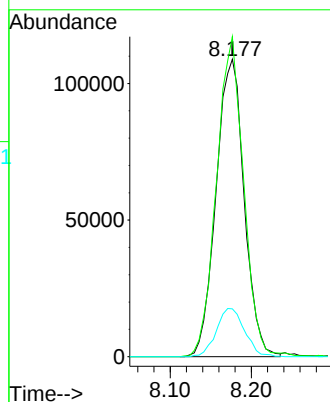
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.6	123.8
192	16.3	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#36

1,1-Dichloropropene

Concen: 21.195 ug/l

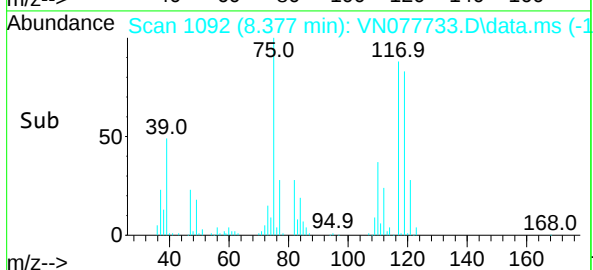
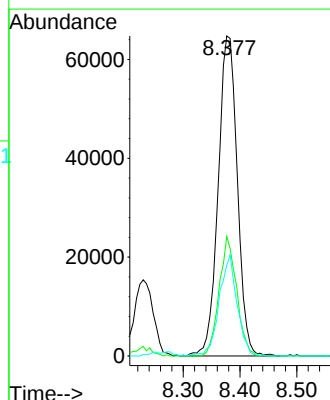
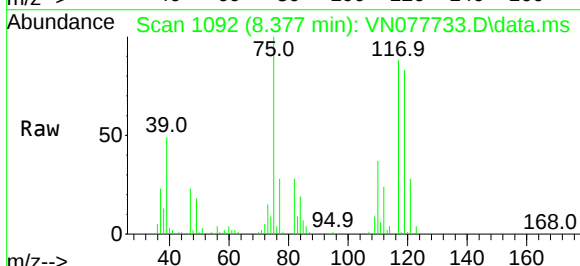
RT: 8.377 min Scan# 1092

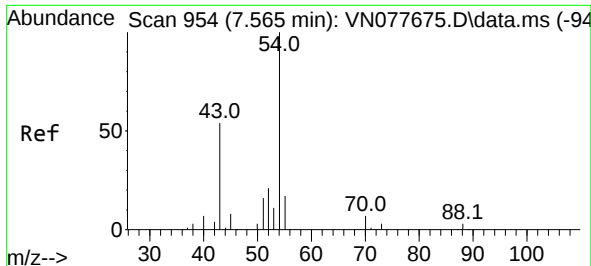
Delta R.T. -0.000 min

Lab File: VN077733.D

Acq: 18 May 2023 13:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.1	19.1	57.3
77	29.4	25.0	37.4





#37

Ethyl Acetate

Concen: 18.291 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN077733.D

Acq: 18 May 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS01

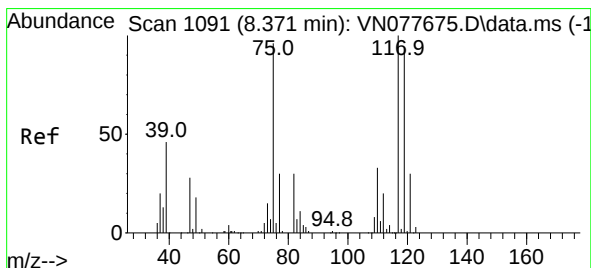
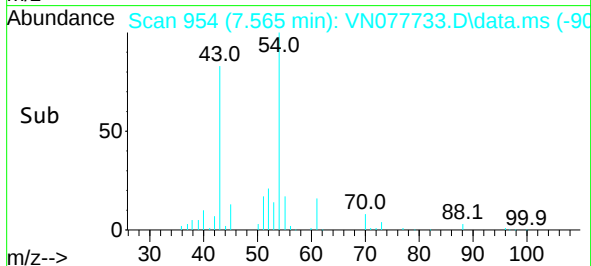
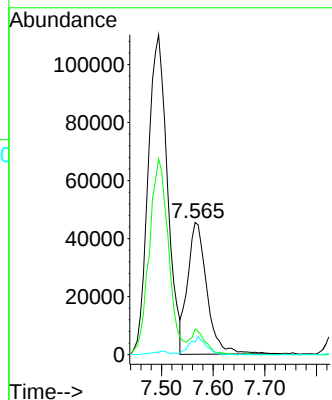
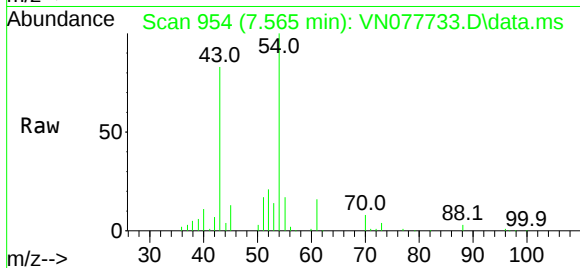
Tgt Ion:	43	Resp:	116964
Ion Ratio	Lower	Upper	
43	100		
61	15.2	13.2	19.8
70	11.6	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#38

Carbon Tetrachloride

Concen: 21.519 ug/l

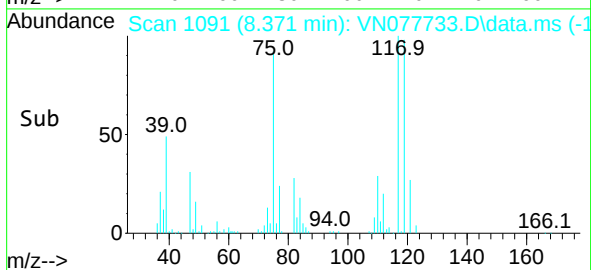
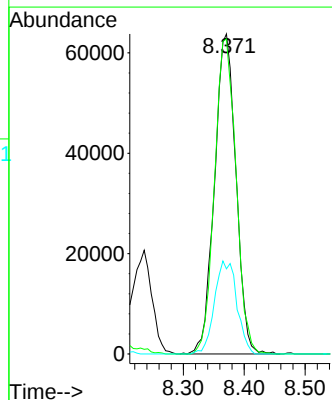
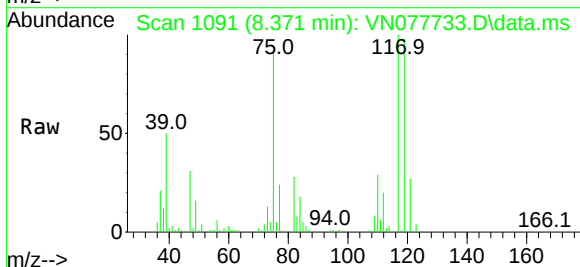
RT: 8.371 min Scan# 1091

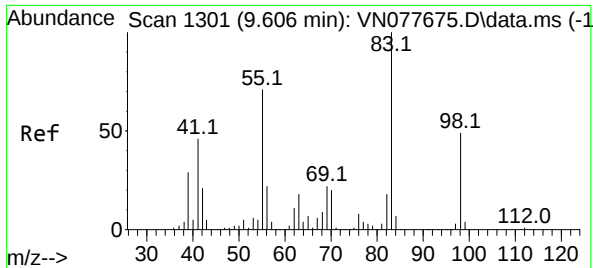
Delta R.T. -0.000 min

Lab File: VN077733.D

Acq: 18 May 2023 13:47

Tgt Ion:	117	Resp:	155899
Ion Ratio	Lower	Upper	
117	100		
119	98.5	77.3	115.9
121	26.6	23.3	34.9





#39

Methylcyclohexane

Concen: 20.721 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077733.D

Acq: 18 May 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS01

Tgt Ion: 83 Resp: 182000

Ion Ratio Lower Upper

83 100

55 67.1 49.1 73.7

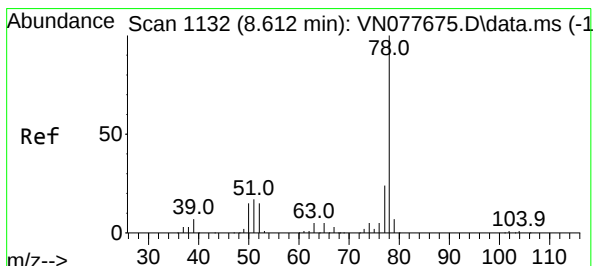
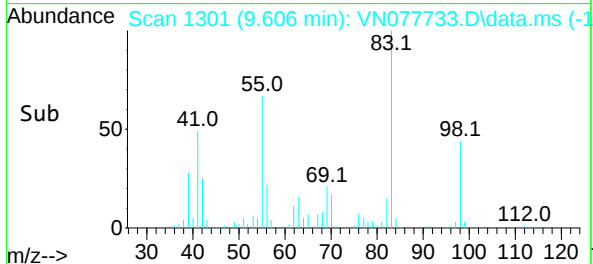
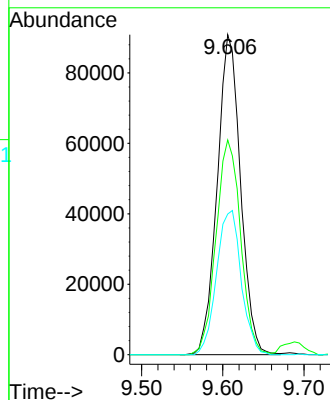
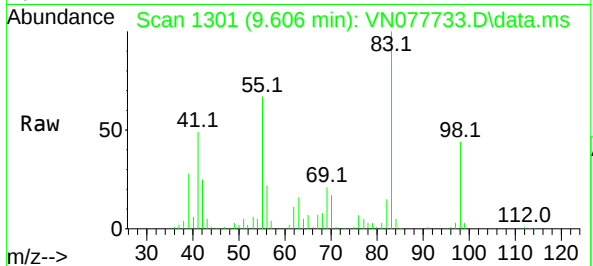
98 43.9 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#40

Benzene

Concen: 20.987 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077733.D

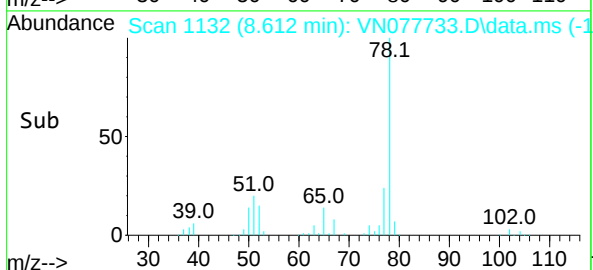
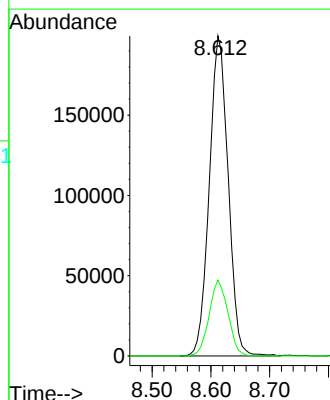
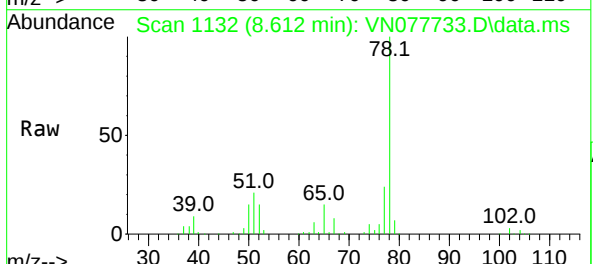
Acq: 18 May 2023 13:47

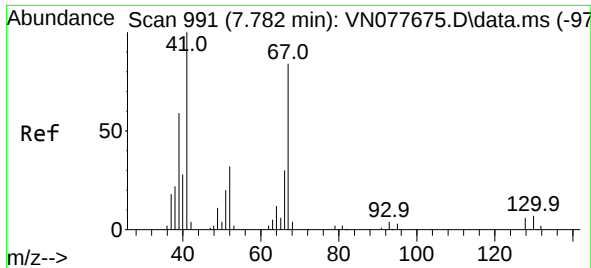
Tgt Ion: 78 Resp: 444332

Ion Ratio Lower Upper

78 100

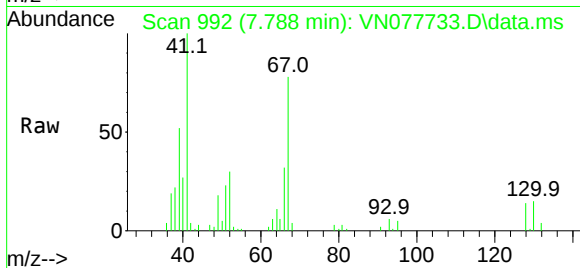
77 23.7 19.0 28.6





#41
Methacrylonitrile
Concen: 18.106 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

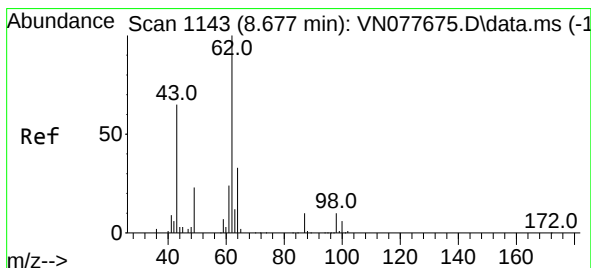
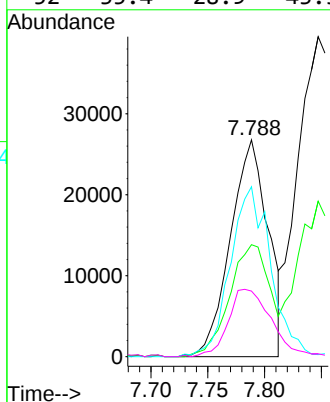
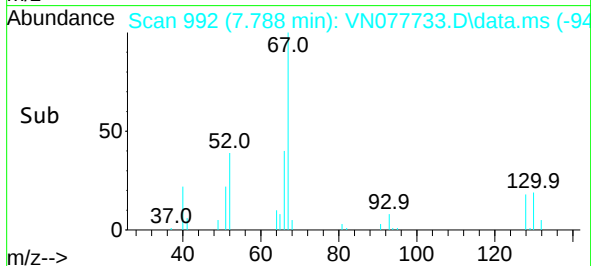
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01



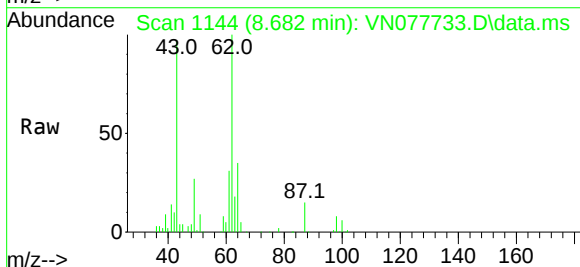
Tgt Ion:	41	Resp:	61659
Ion Ratio	100	Lower	Upper
39	55.0	42.6	64.0
67	84.2	77.5	116.3
52	35.4	28.9	43.3

Manual Integrations
APPROVED

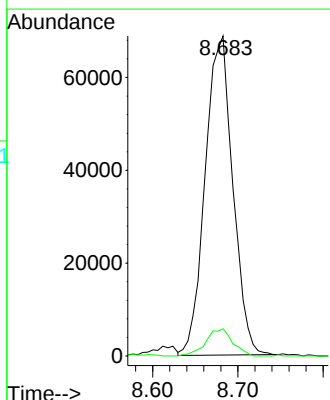
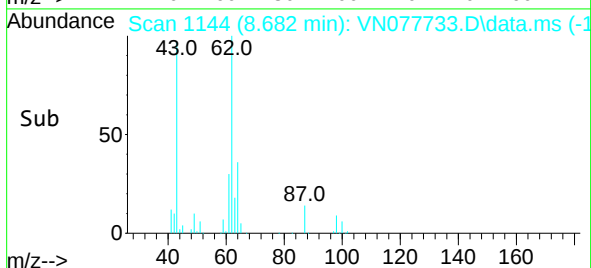
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

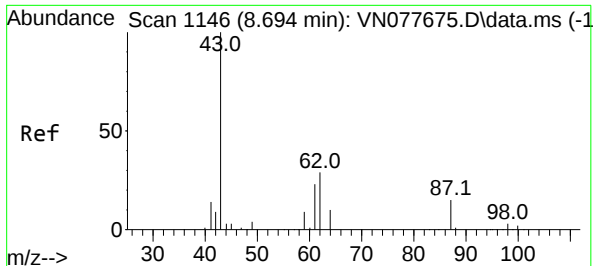


#42
1,2-Dichloroethane
Concen: 20.144 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47



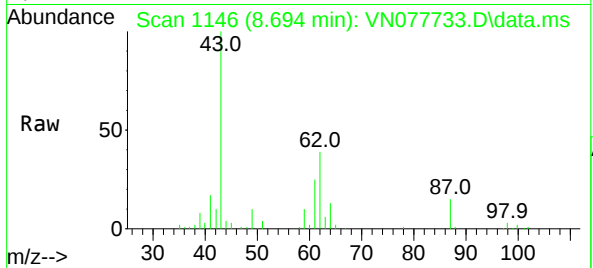
Tgt Ion:	62	Resp:	154921
Ion Ratio	100	Lower	Upper
98	8.2	0.0	19.8





#43
Isopropyl Acetate
Concen: 19.309 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

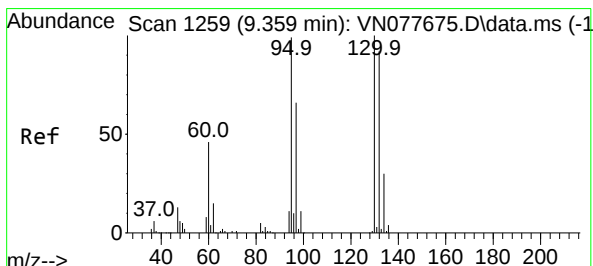
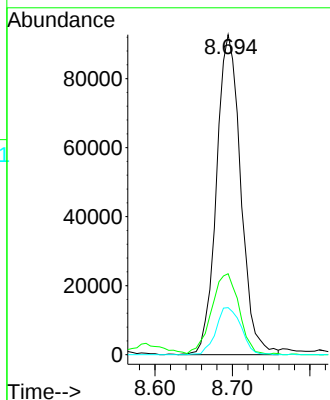
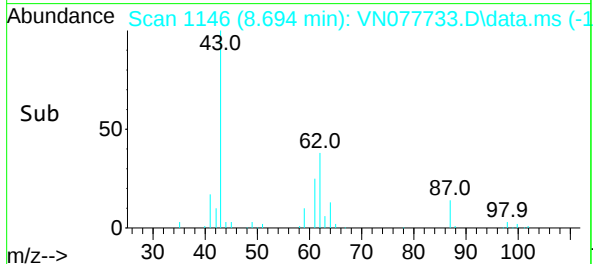
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01



Tgt Ion: 43 Resp: 20168
Ion Ratio Lower Upper
43 100
61 28.4 24.7 37.1
87 15.3 14.6 21.8

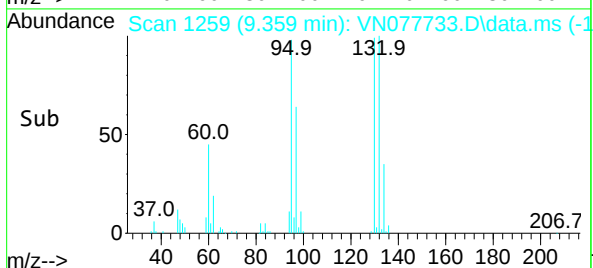
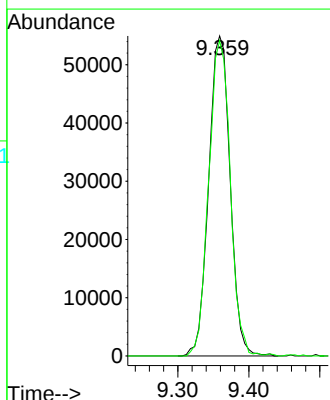
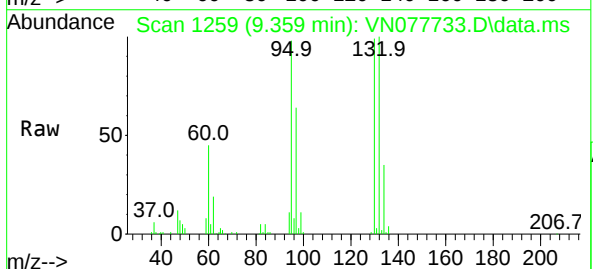
Manual Integrations
APPROVED

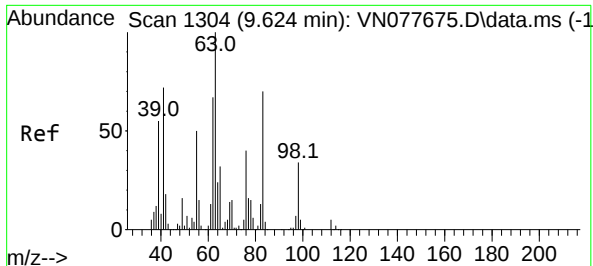
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#44
Trichloroethene
Concen: 21.480 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

Tgt Ion:130 Resp: 115151
Ion Ratio Lower Upper
130 100
95 98.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.870 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077733.D

Acq: 18 May 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS01

Tgt Ion: 63 Resp: 11270

Ion Ratio Lower Upper

63 100

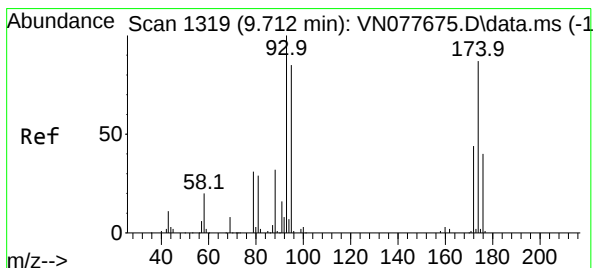
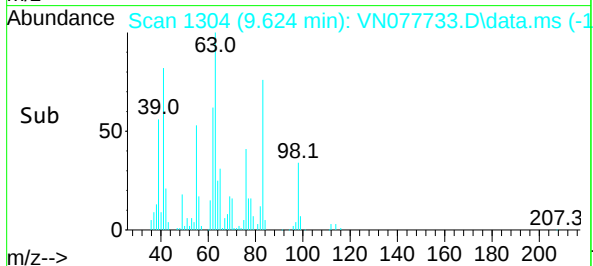
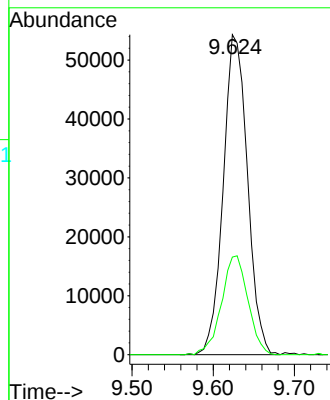
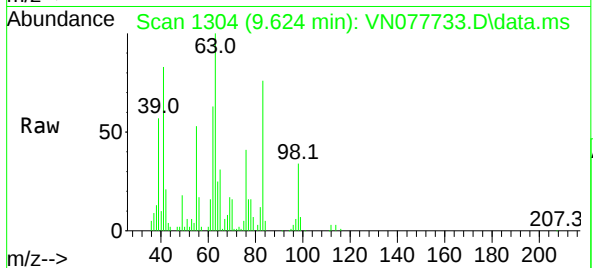
65 30.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#46

Dibromomethane

Concen: 20.146 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077733.D

Acq: 18 May 2023 13:47

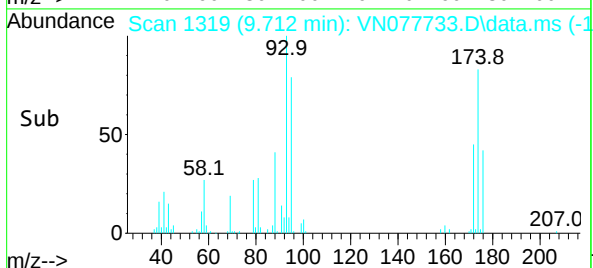
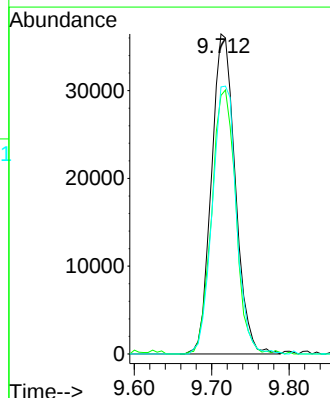
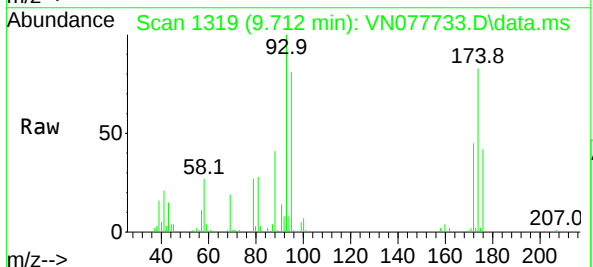
Tgt Ion: 93 Resp: 77850

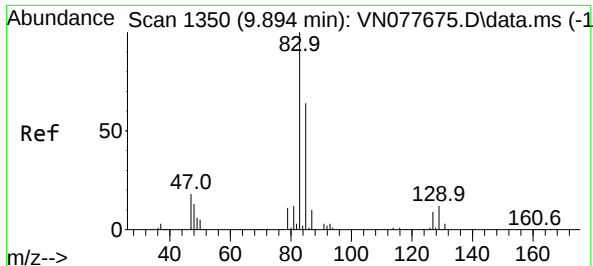
Ion Ratio Lower Upper

93 100

95 83.4 63.8 95.8

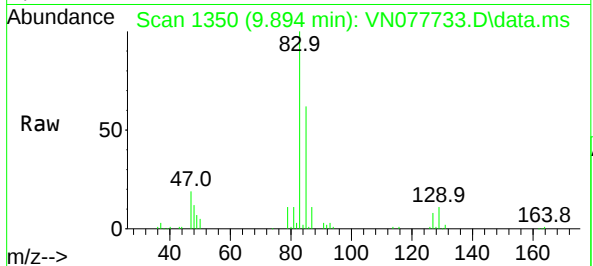
174 84.7 65.6 98.4





#47
Bromodichloromethane
Concen: 21.796 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

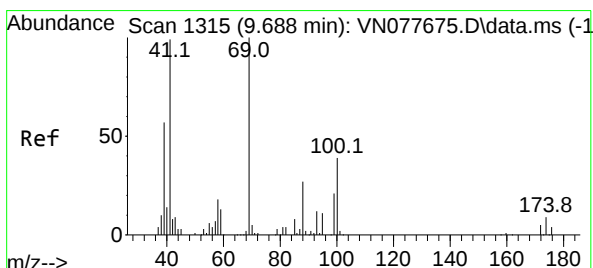
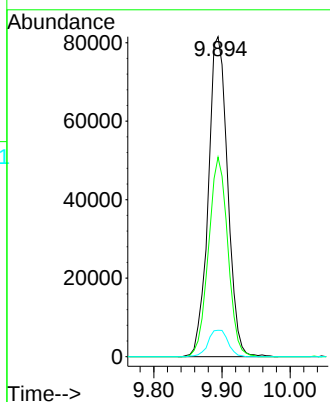
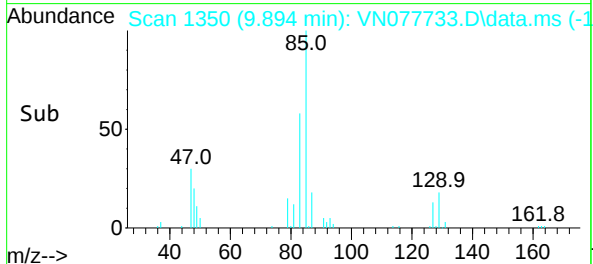
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01



Tgt Ion: 83 Resp: 16125
Ion Ratio Lower Upper
83 100
85 62.3 49.6 74.4
127 8.3 7.0 10.6

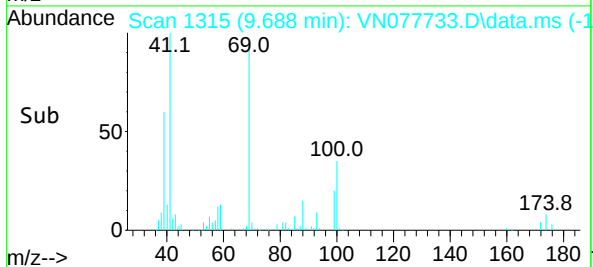
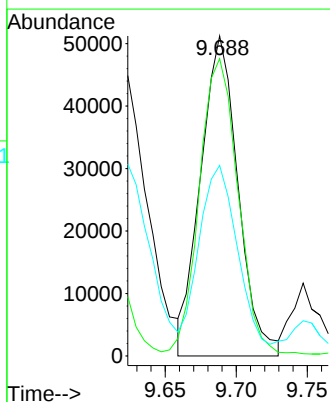
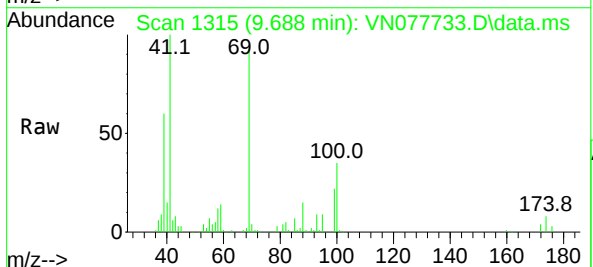
Manual Integrations
APPROVED

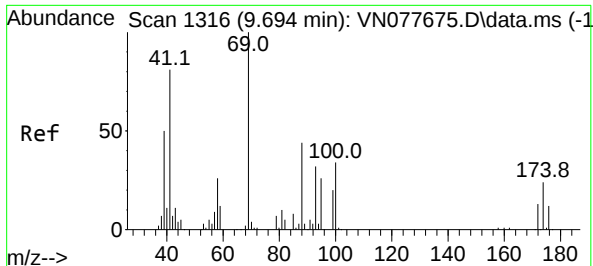
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#48
Methyl methacrylate
Concen: 18.952 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

Tgt Ion: 41 Resp: 93854
Ion Ratio Lower Upper
41 100
69 95.1 90.4 135.6
39 62.4 54.6 81.8





#49

1,4-Dioxane

Concen: 384.080 ug/l

RT: 9.706 min Scan# 1316

Delta R.T. 0.012 min

Lab File: VN077733.D

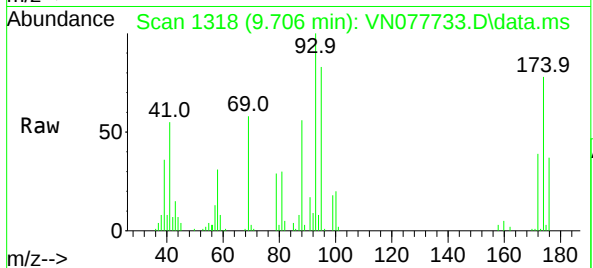
Acq: 18 May 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS01



Tgt Ion: 88 Resp: 35924

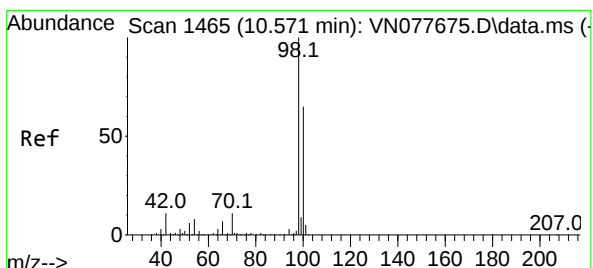
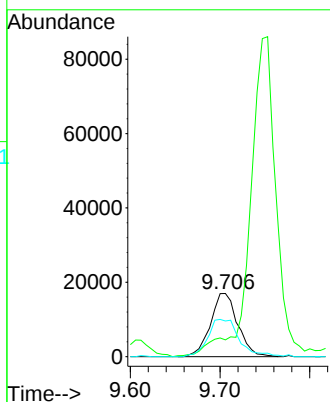
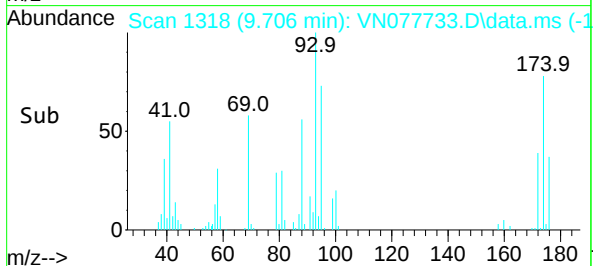
Ion	Ratio	Lower	Upper
88	100		
43	0.0	17.0	25.6
58	68.4	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#50

Toluene-d8

Concen: 53.628 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN077733.D

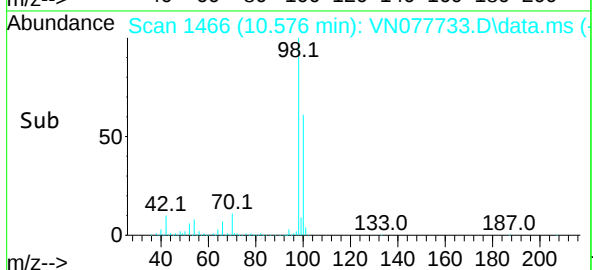
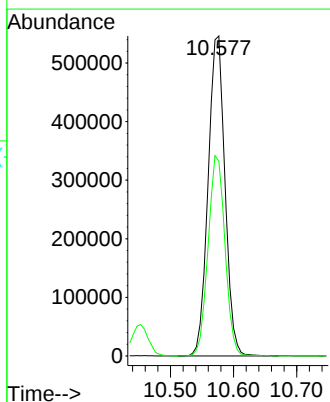
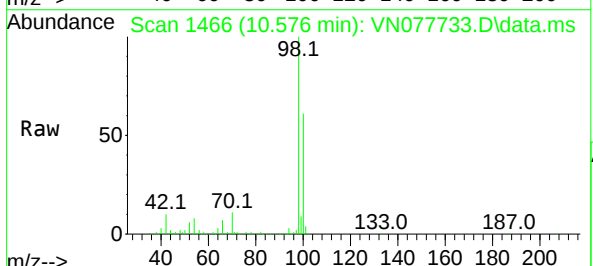
Acq: 18 May 2023 13:47

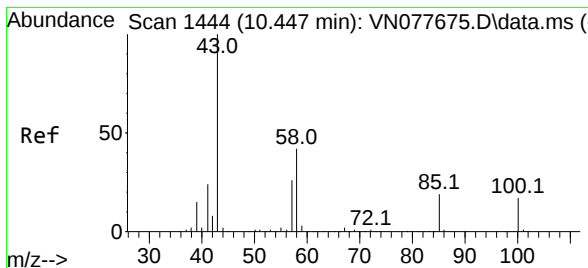
Tgt Ion: 98 Resp: 1012497

Ion Ratio Lower Upper

98 100

100 62.8 52.0 78.0





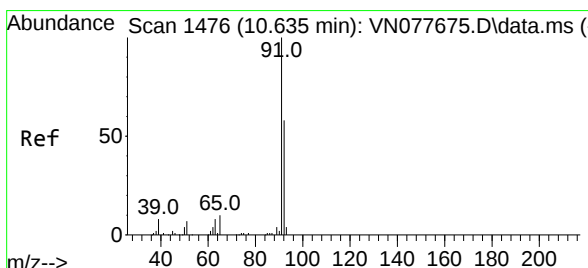
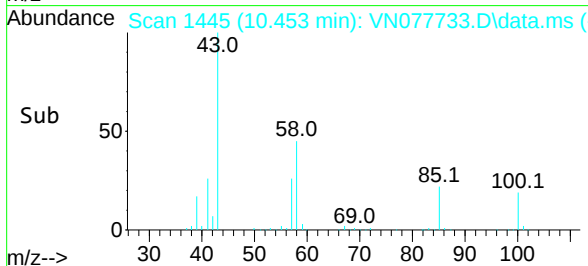
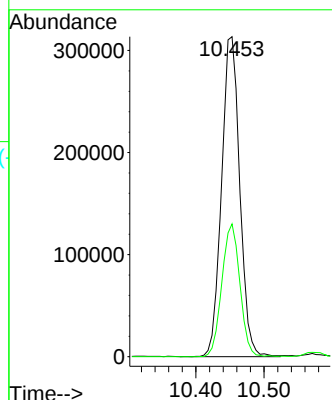
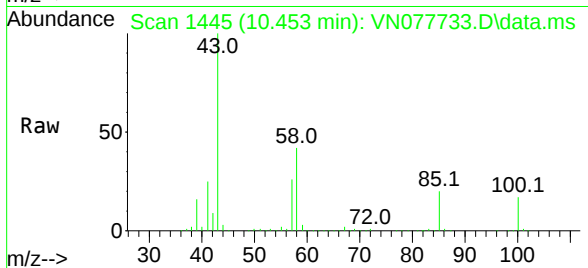
#51
4-Methyl-2-Pentanone
Concen: 93.857 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01

Tgt Ion: 43 Resp: 58272
Ion Ratio Lower Upper
43 100
58 41.1 36.6 54.8

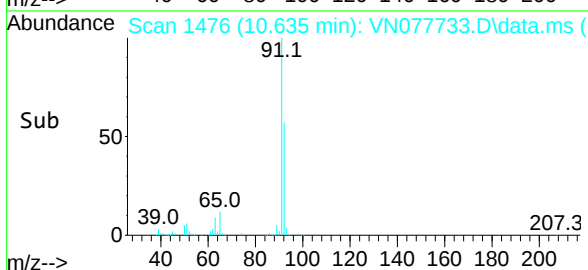
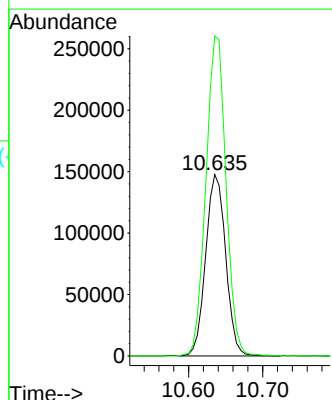
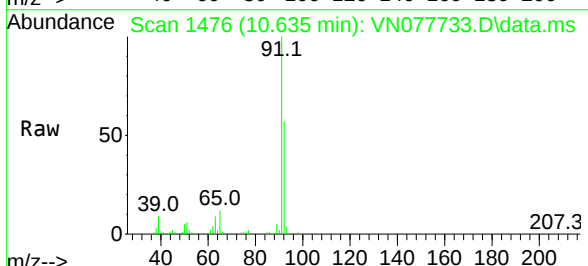
Manual Integrations
APPROVED

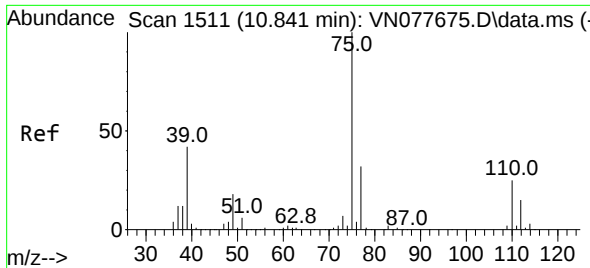
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#52
Toluene
Concen: 21.000 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

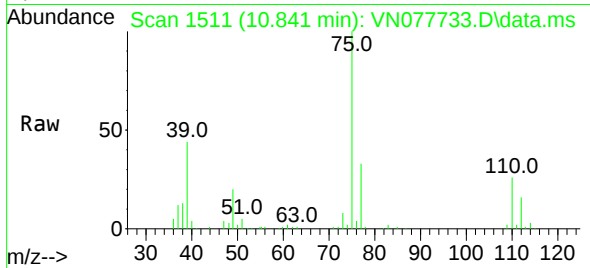
Tgt Ion: 92 Resp: 276790
Ion Ratio Lower Upper
92 100
91 177.5 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 19.799 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN077733.D
 Acq: 18 May 2023 13:47

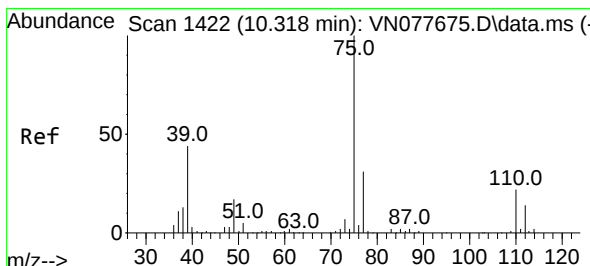
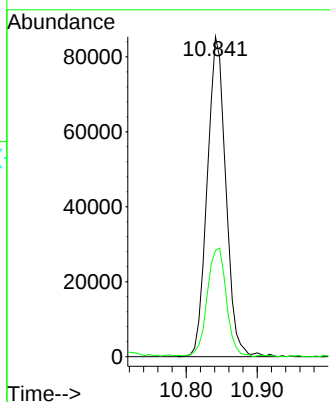
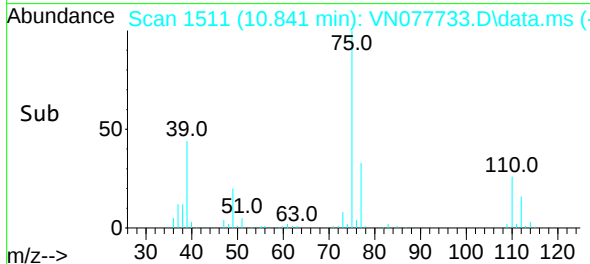
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS01



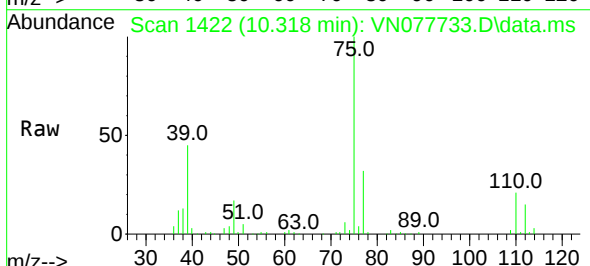
Tgt Ion: 75 Resp: 155114
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.4 38.0

Manual Integrations
 APPROVED

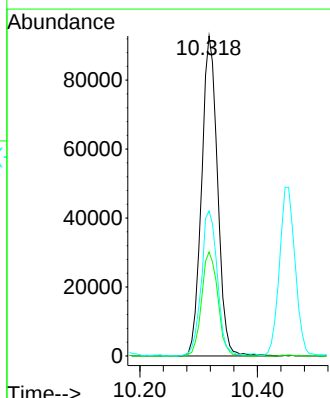
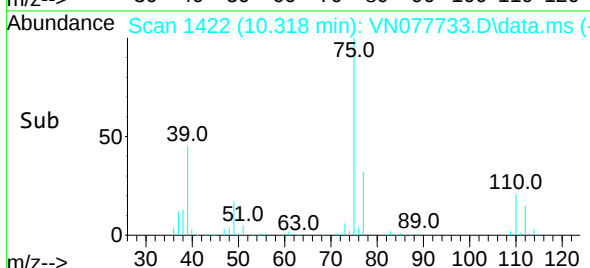
Reviewed By :John Carlone 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023

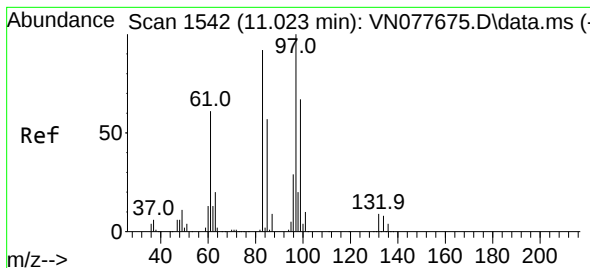


#54
 cis-1,3-Dichloropropene
 Concen: 20.270 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN077733.D
 Acq: 18 May 2023 13:47



Tgt Ion: 75 Resp: 175001
 Ion Ratio Lower Upper
 75 100
 77 32.5 26.1 39.1
 39 45.3 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 20.774 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. 0.001 min

Lab File: VN077733.D

Acq: 18 May 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS01

Tgt Ion: 97 Resp: 10871

Ion Ratio Lower Upper

97 100

83 86.4 65.1 97.7

85 56.5 43.4 65.2

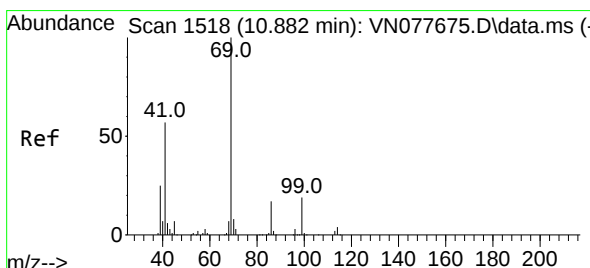
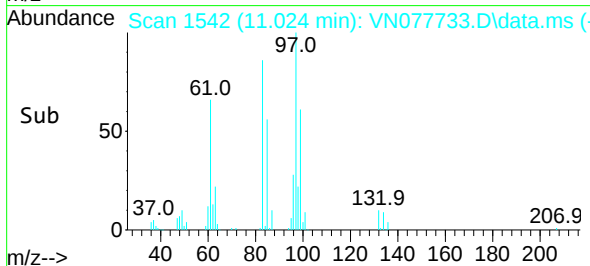
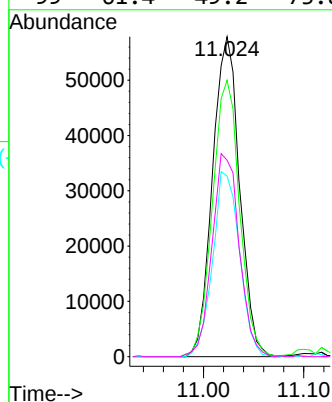
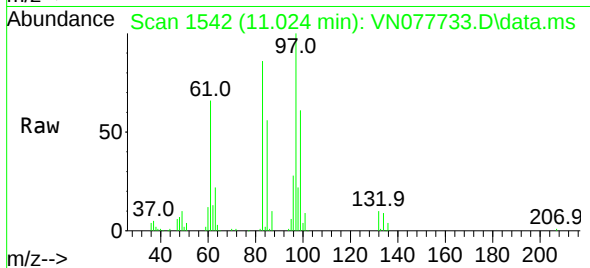
99 61.4 49.2 73.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#56

Ethyl methacrylate

Concen: 19.588 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN077733.D

Acq: 18 May 2023 13:47

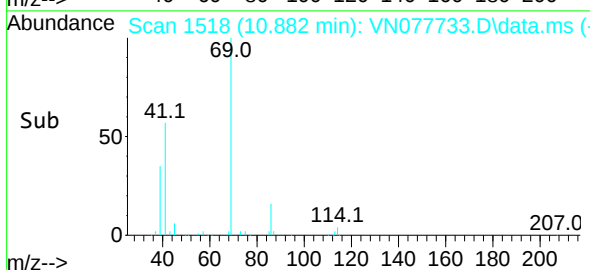
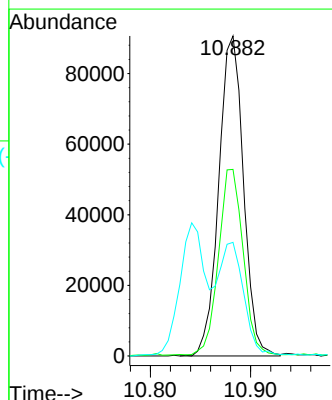
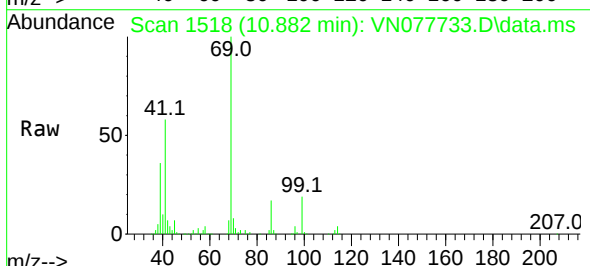
Tgt Ion: 69 Resp: 154997

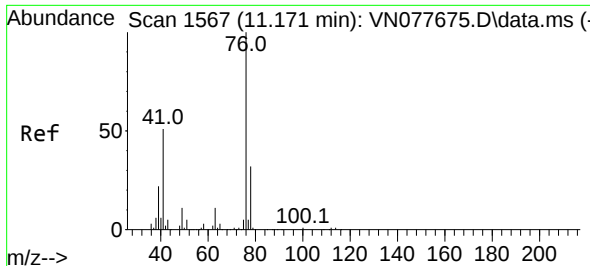
Ion Ratio Lower Upper

69 100

41 57.8 39.6 59.4

39 37.0 28.6 43.0





#57

1,3-Dichloropropane

Concen: 20.628 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077733.D

Acq: 18 May 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS01

Tgt Ion: 76 Resp: 18507

Ion Ratio Lower Upper

76 100

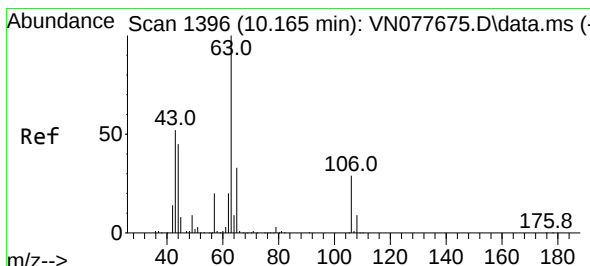
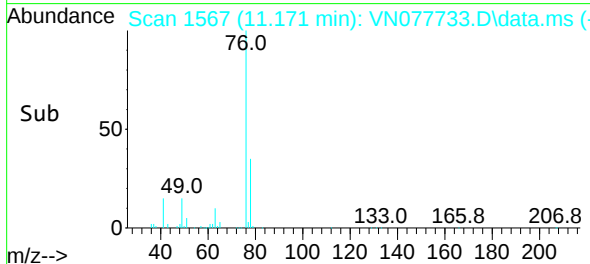
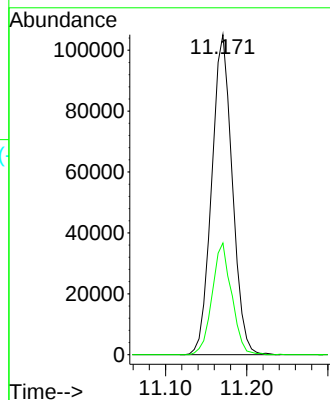
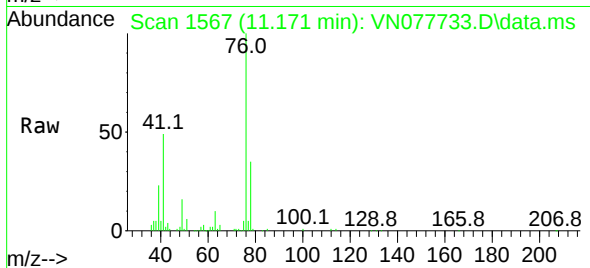
78 33.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#58

2-Chloroethyl Vinyl ether

Concen: 77.254 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077733.D

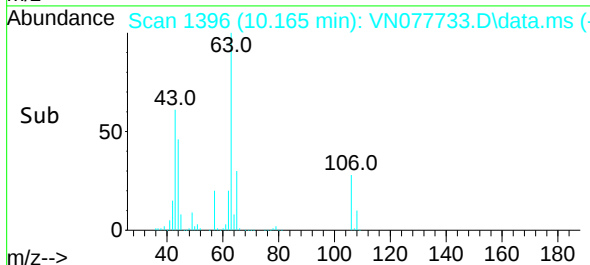
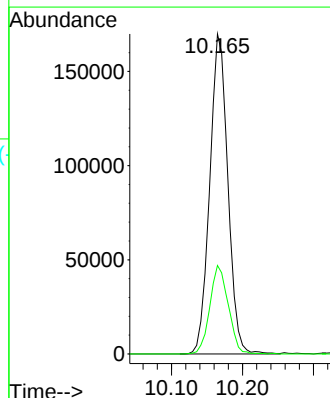
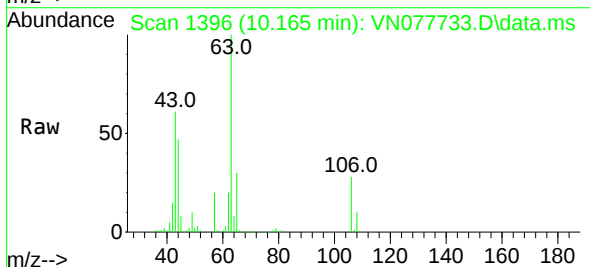
Acq: 18 May 2023 13:47

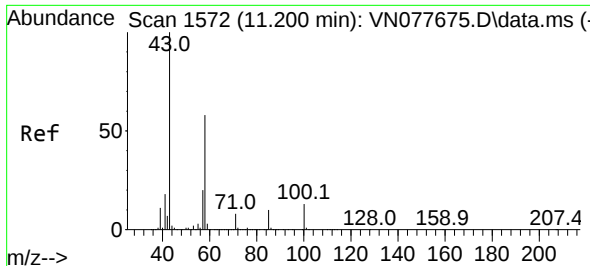
Tgt Ion: 63 Resp: 300733

Ion Ratio Lower Upper

63 100

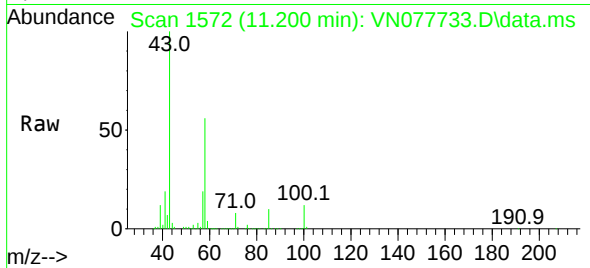
106 28.2 26.2 39.4





#59
2-Hexanone
Concen: 93.046 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

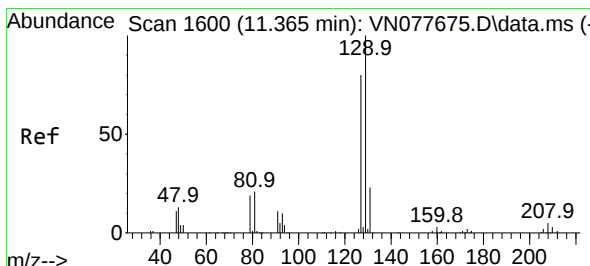
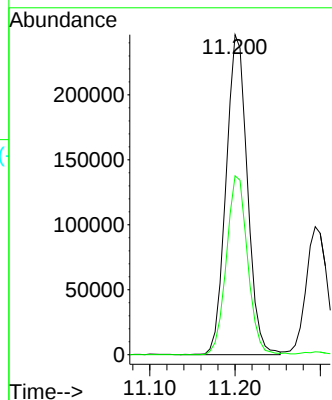
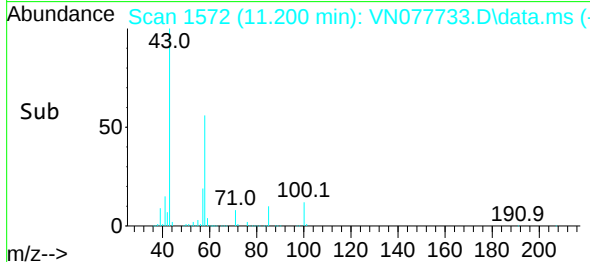
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01



Tgt Ion: 43 Resp: 42729
Ion Ratio Lower Upper
43 100
58 55.8 31.7 95.1

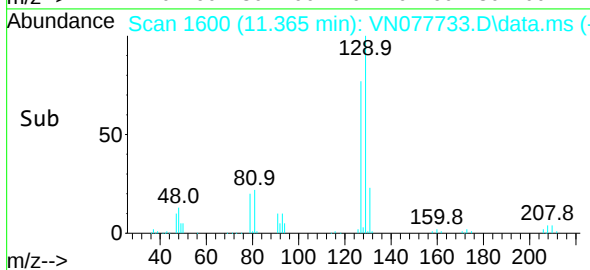
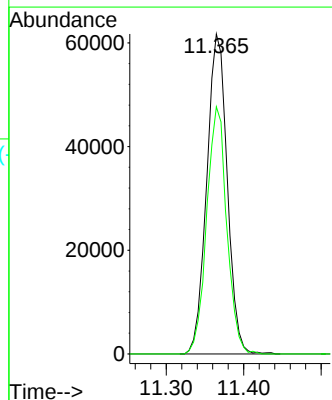
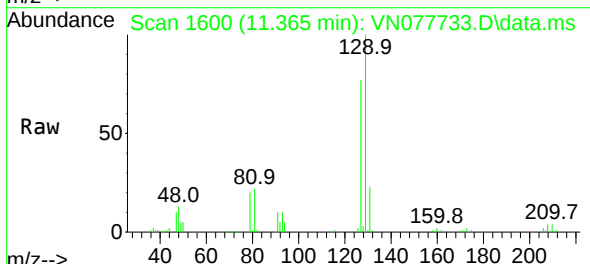
Manual Integrations
APPROVED

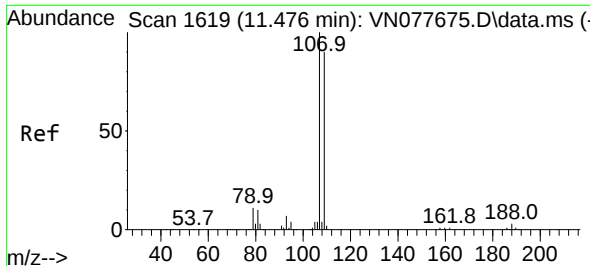
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#60
Dibromochloromethane
Concen: 21.008 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

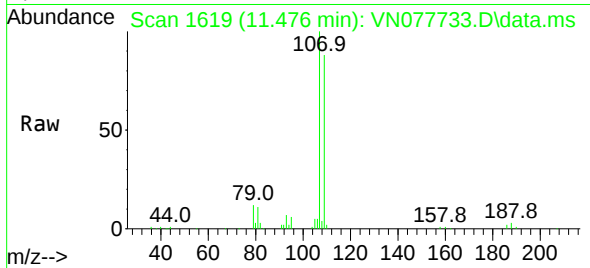
Tgt Ion:129 Resp: 113500
Ion Ratio Lower Upper
129 100
127 75.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.438 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

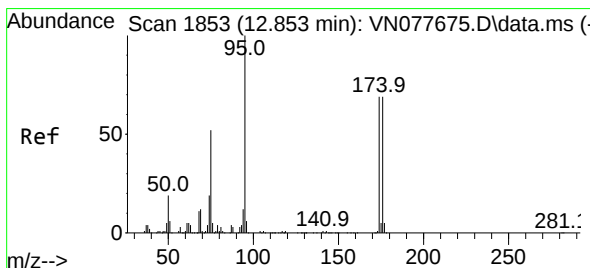
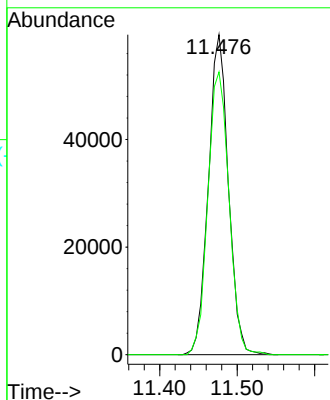
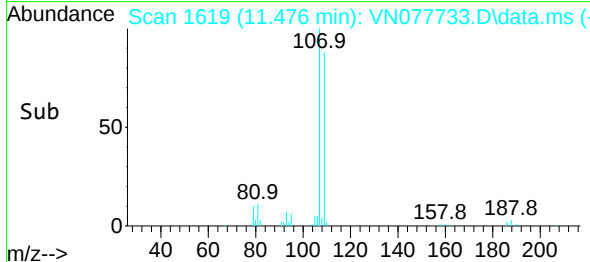
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01



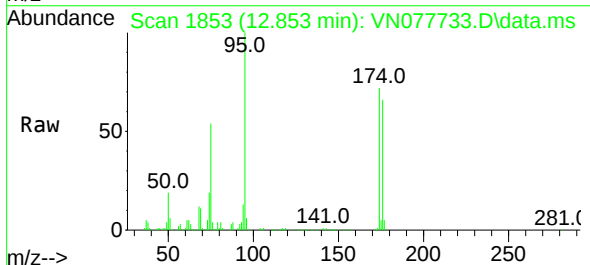
Tgt Ion:107 Resp: 10670
Ion Ratio Lower Upper
107 100
109 93.3 76.6 114.8

Manual Integrations
APPROVED

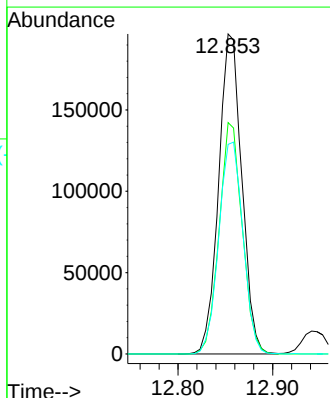
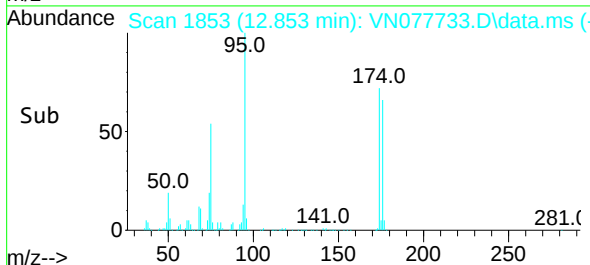
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

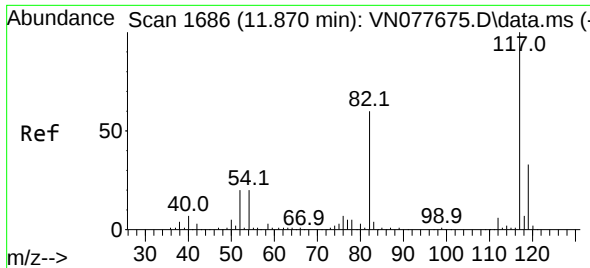


#62
4-Bromofluorobenzene
Concen: 50.174 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47



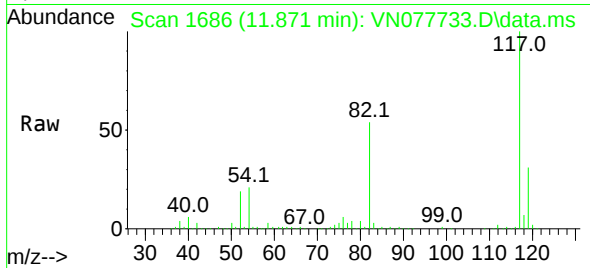
Tgt Ion: 95 Resp: 334559
Ion Ratio Lower Upper
95 100
174 71.8 0.0 143.8
176 69.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

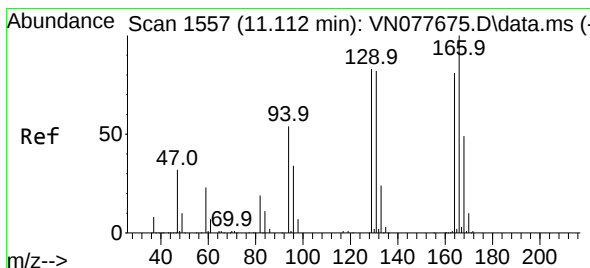
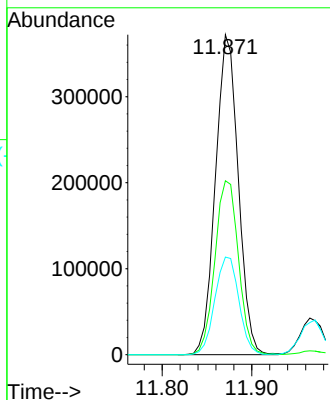
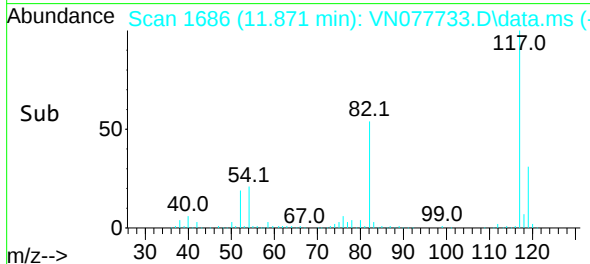
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01



Tgt Ion:117 Resp: 65629
Ion Ratio Lower Upper
117 100
82 54.3 44.0 66.0
119 30.5 25.6 38.4

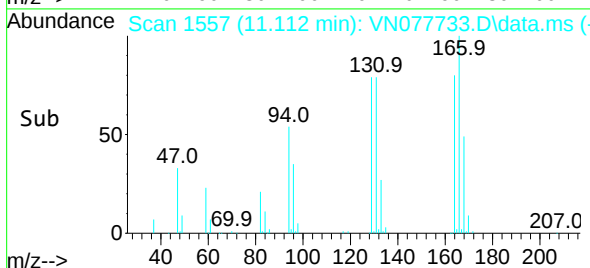
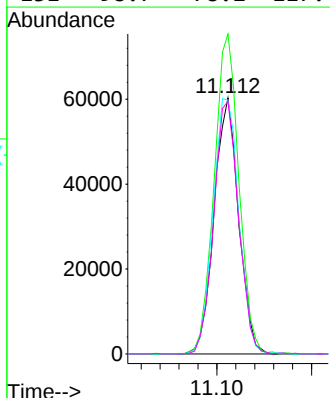
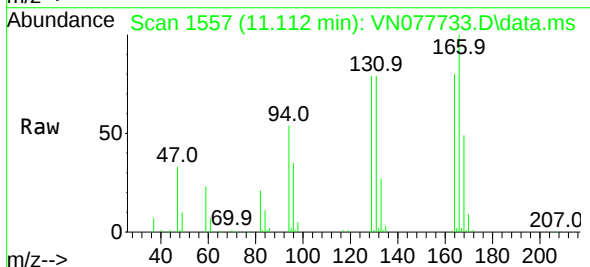
Manual Integrations
APPROVED

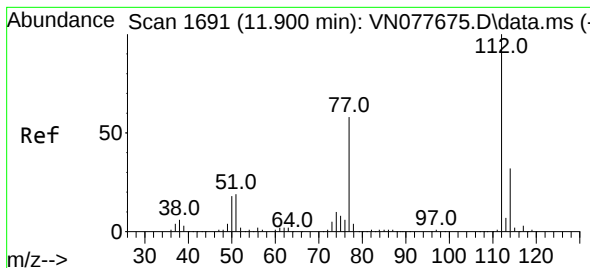
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#64
Tetrachloroethene
Concen: 23.584 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

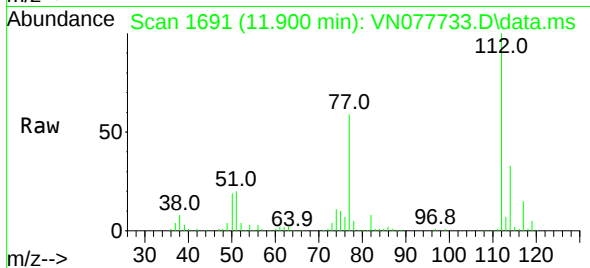
Tgt Ion:164 Resp: 108240
Ion Ratio Lower Upper
164 100
166 125.0 101.4 152.0
129 99.2 82.4 123.6
131 98.7 78.2 117.4





#65
Chlorobenzene
Concen: 20.659 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

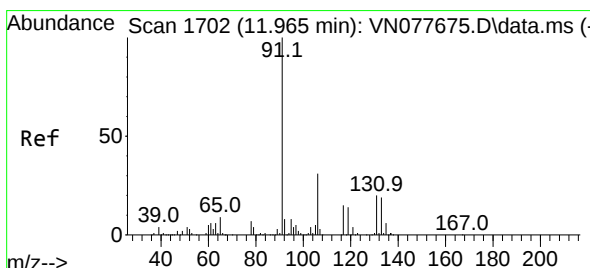
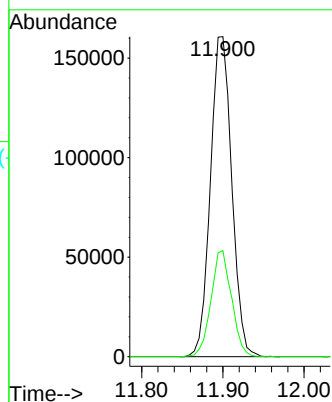
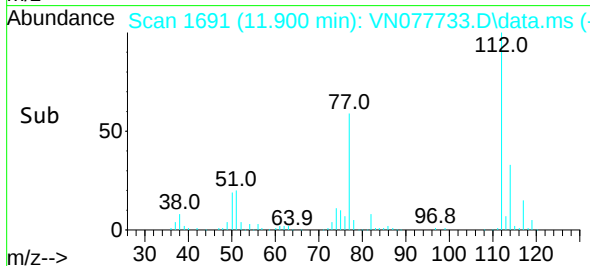
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01



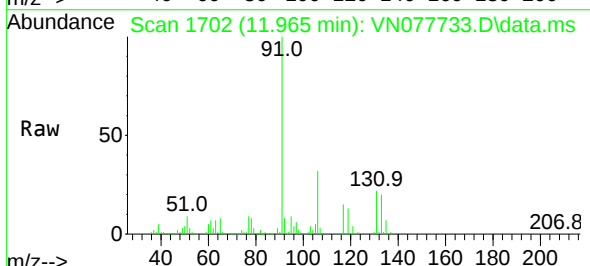
Tgt Ion:112 Resp: 293933
Ion Ratio Lower Upper
112 100
114 33.2 25.0 37.4

Manual Integrations
APPROVED

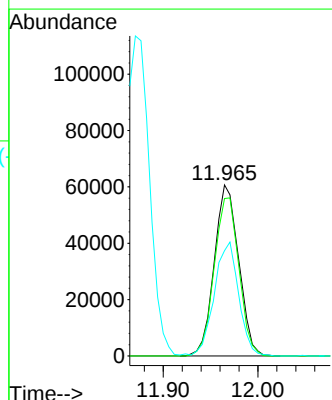
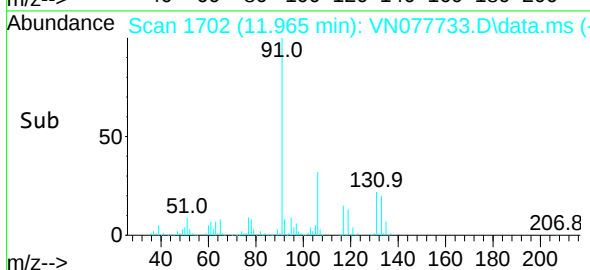
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

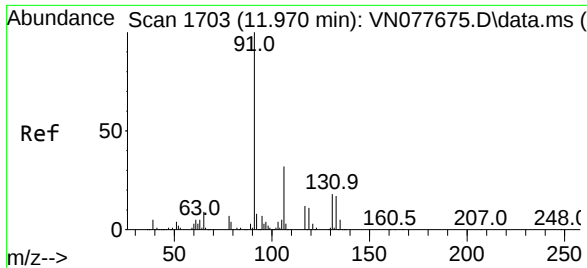


#66
1,1,1,2-Tetrachloroethane
Concen: 22.115 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47



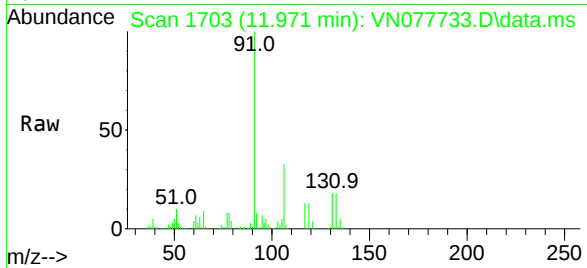
Tgt Ion:131 Resp: 108872
Ion Ratio Lower Upper
131 100
133 93.3 46.4 139.1
119 66.7 34.1 102.2





#67
Ethyl Benzene
Concen: 20.878 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

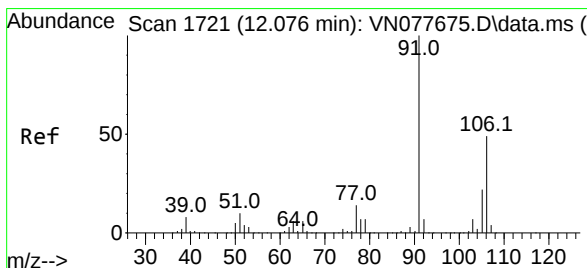
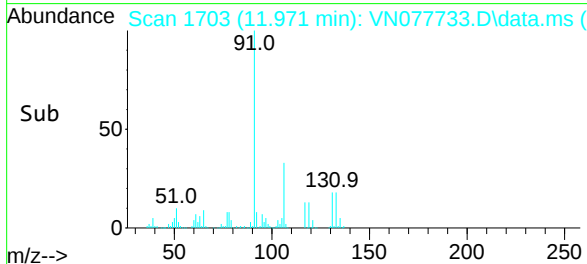
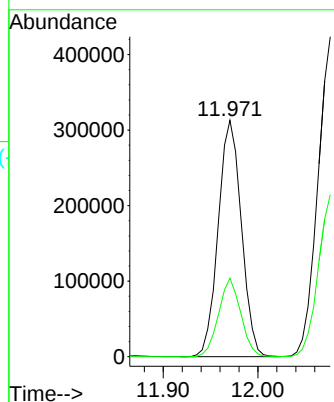
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01



Tgt Ion: 91 Resp: 532329
Ion Ratio Lower Upper
91 100
106 33.3 25.6 38.4

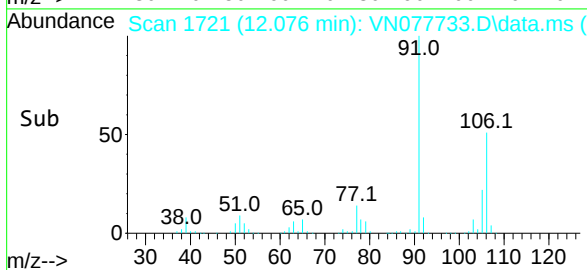
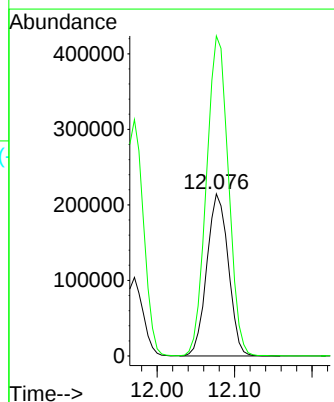
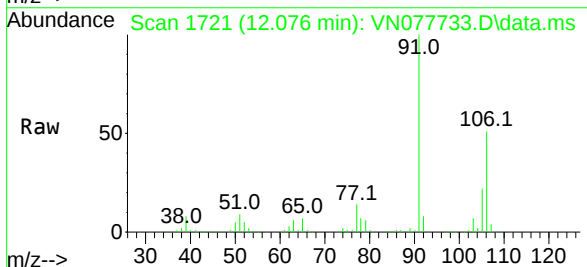
Manual Integrations
APPROVED

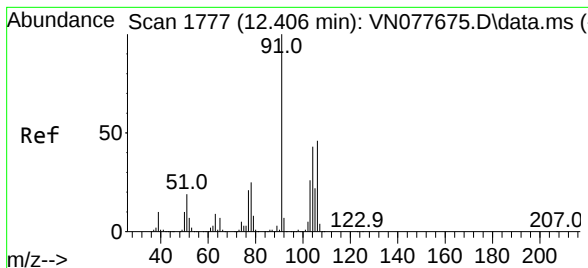
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#68
m/p-Xylenes
Concen: 42.808 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

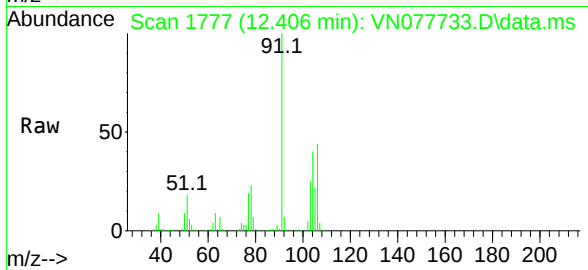
Tgt Ion:106 Resp: 413562
Ion Ratio Lower Upper
106 100
91 202.2 159.6 239.4





#69
o-Xylene
Concen: 21.103 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

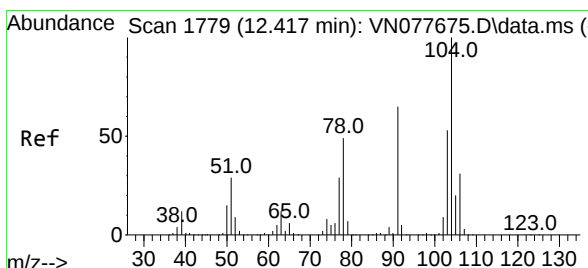
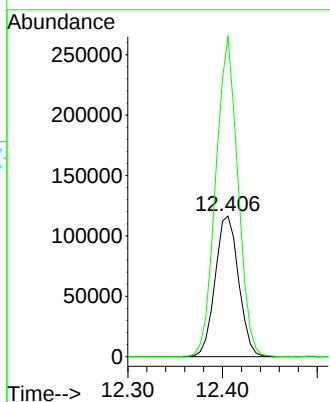
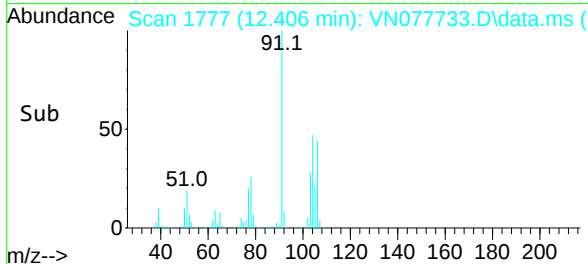
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01



Tgt Ion:106 Resp: 200495
Ion Ratio Lower Upper
106 100
91 215.9 105.2 315.5

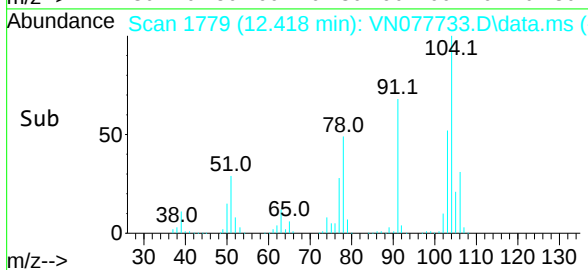
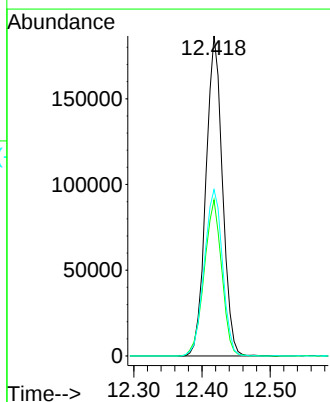
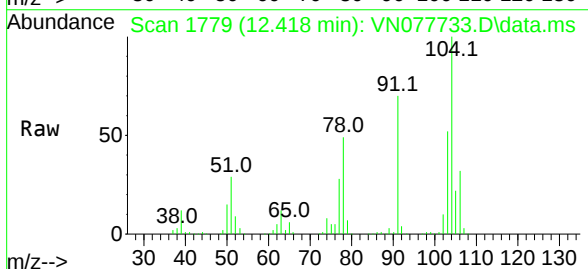
Manual Integrations
APPROVED

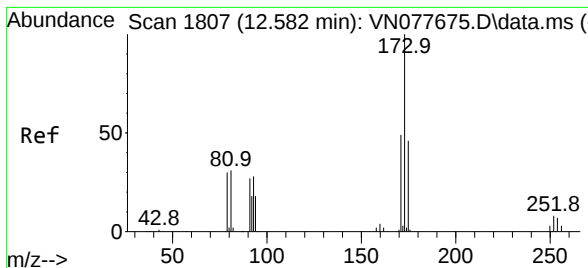
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#70
Styrene
Concen: 20.904 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

Tgt Ion:104 Resp: 315508
Ion Ratio Lower Upper
104 100
78 51.5 39.5 59.3
103 57.2 43.2 64.8





#71

Bromoform

Concen: 20.634 ug/l

RT: 12.588 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VN077733.D

Acq: 18 May 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS01

Tgt Ion:173 Resp: 67574

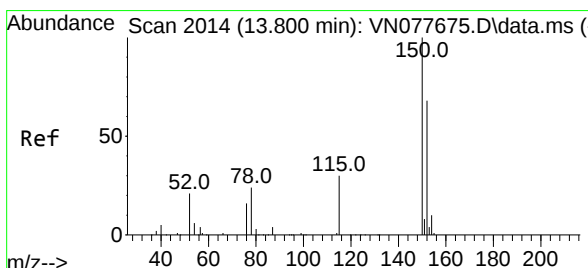
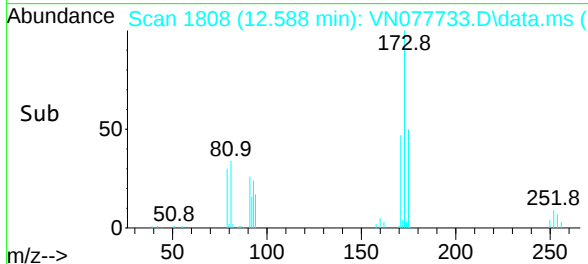
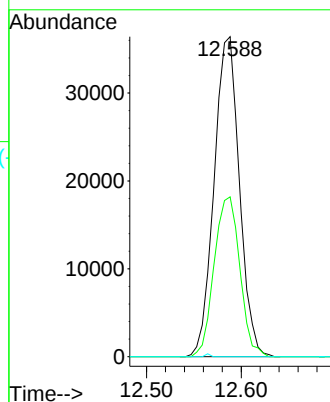
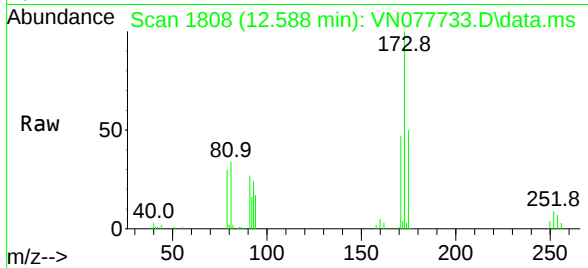
Ion	Ratio	Lower	Upper
173	100		
175	50.7	24.3	73.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

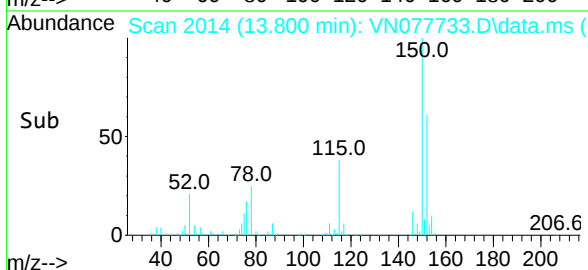
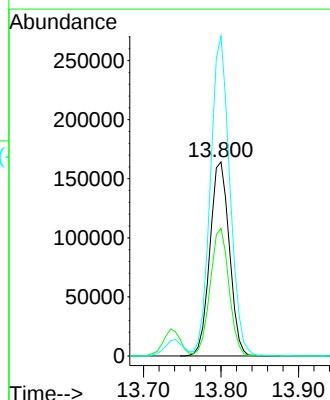
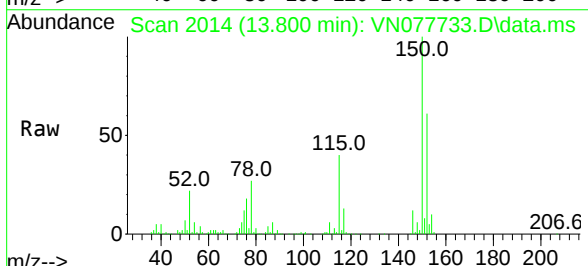
Delta R.T. -0.000 min

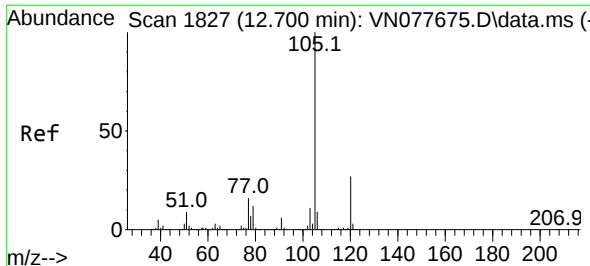
Lab File: VN077733.D

Acq: 18 May 2023 13:47

Tgt Ion:152 Resp: 286077

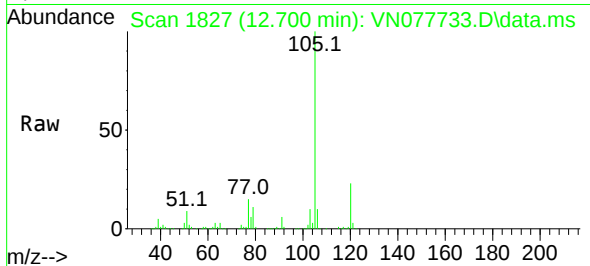
Ion	Ratio	Lower	Upper
152	100		
115	63.4	32.3	96.8
150	164.6	0.0	355.8





#73
Isopropylbenzene
Concen: 21.649 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

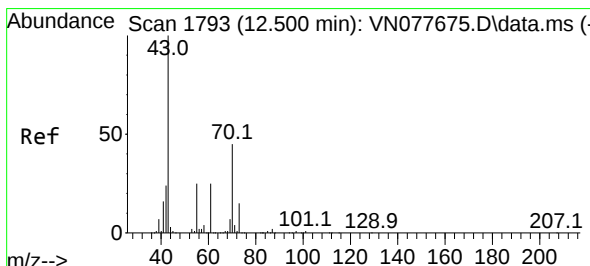
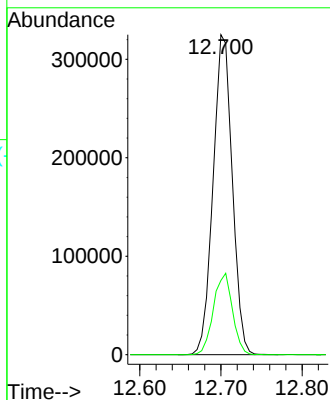
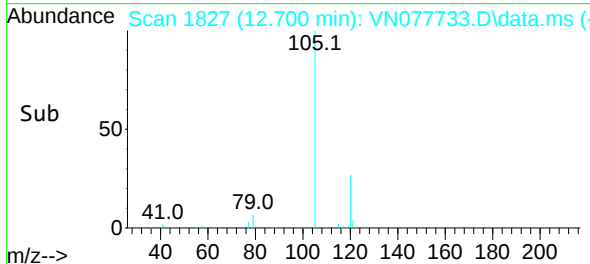
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01



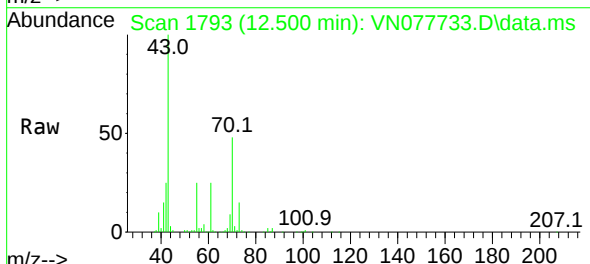
Tgt Ion:105 Resp: 533854
Ion Ratio Lower Upper
105 100
120 25.2 13.1 39.1

Manual Integrations
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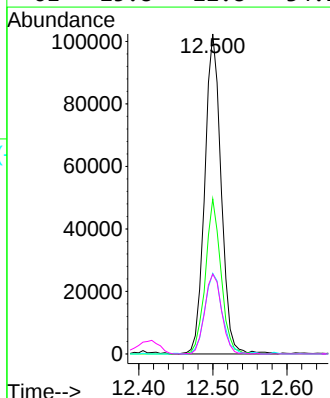
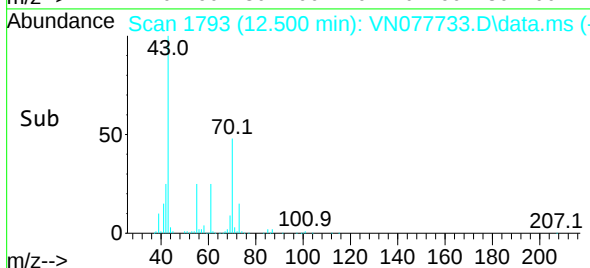
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

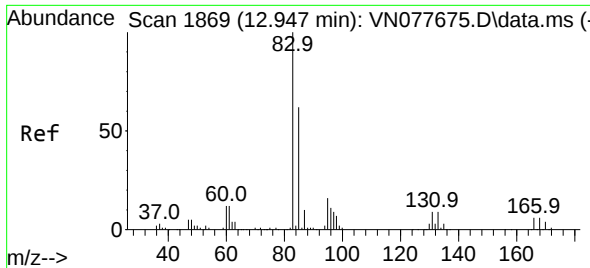


#74
N-ethyl acetate
Concen: 17.258 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47



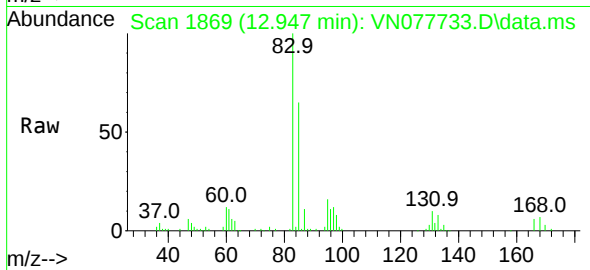
Tgt Ion: 43 Resp: 157305
Ion Ratio Lower Upper
43 100
70 46.1 43.4 65.2
55 26.6 21.4 32.0
61 25.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.202 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

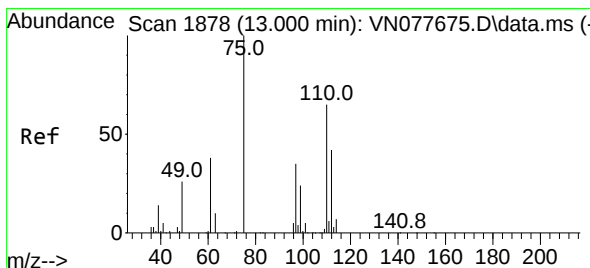
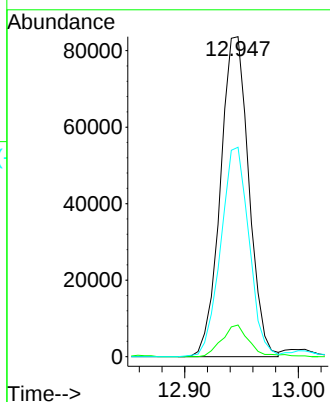
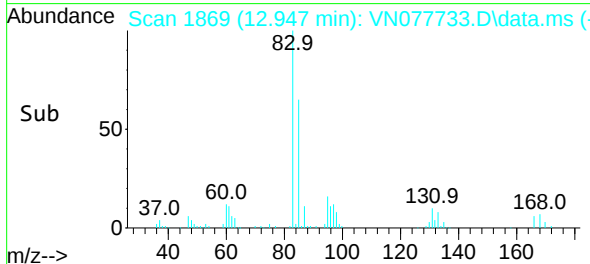
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01



Tgt Ion: 83 Resp: 145672
Ion Ratio Lower Upper
83 100
131 9.6 5.0 15.0
85 65.1 31.9 95.7

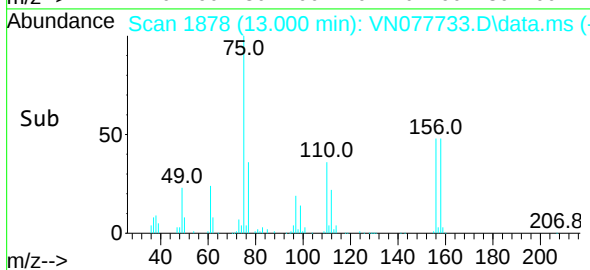
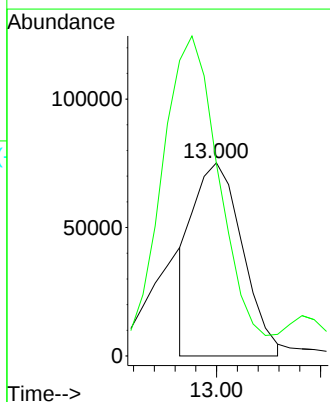
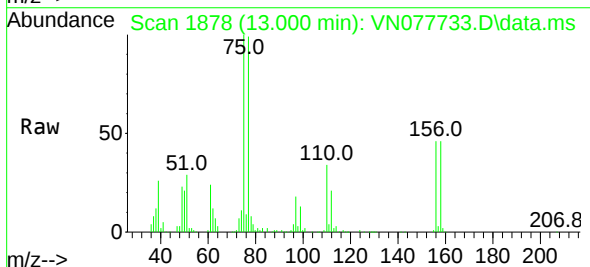
Manual Integrations
APPROVED

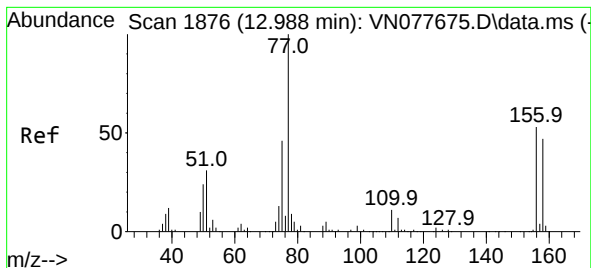
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#76
1,2,3-Trichloropropane
Concen: 17.391 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

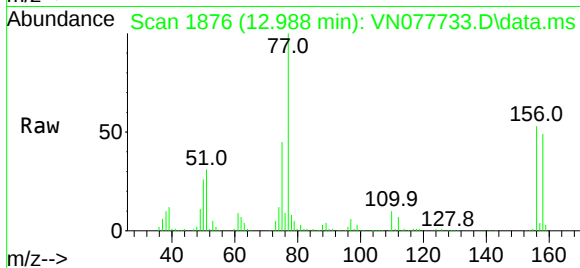
Tgt Ion: 75 Resp: 124593
Ion Ratio Lower Upper
75 100
77 196.8 84.5 253.5





#77
Bromobenzene
Concen: 20.165 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

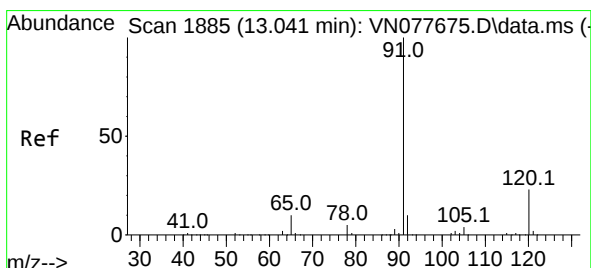
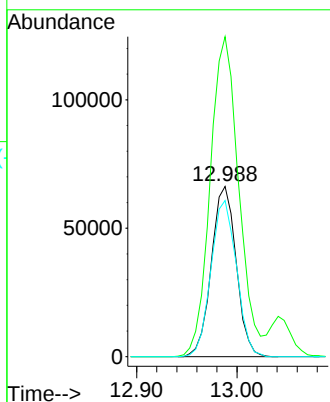
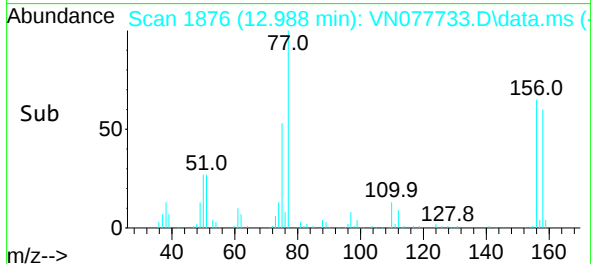
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01



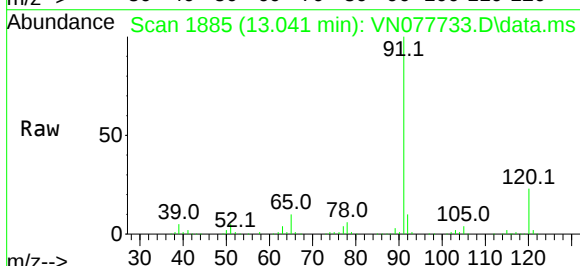
Tgt Ion:156 Resp: 113480
Ion Ratio Lower Upper
156 100
77 216.1 107.7 323.3
158 94.6 48.4 145.3

Manual Integrations
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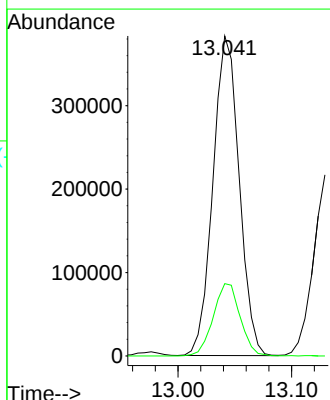
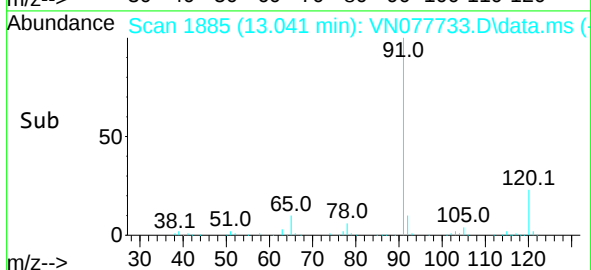
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

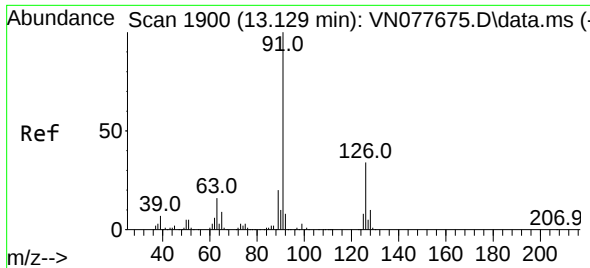


#78
n-propylbenzene
Concen: 21.130 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47



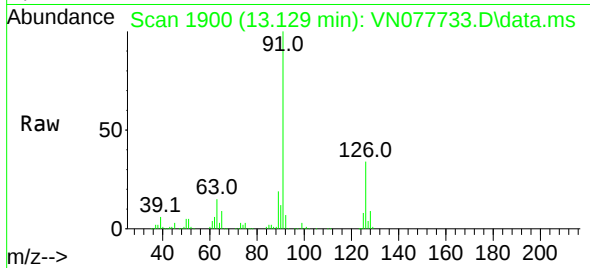
Tgt Ion: 91 Resp: 614302
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





#79
2-Chlorotoluene
Concen: 21.517 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

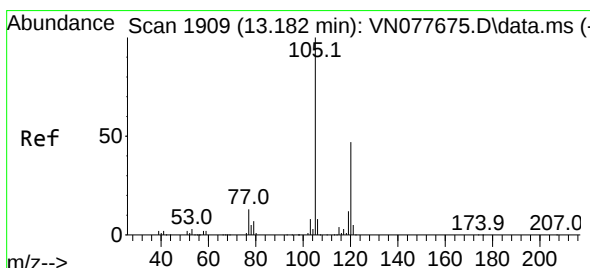
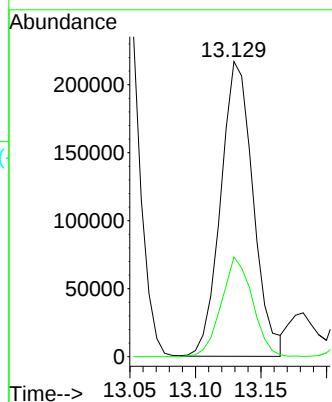
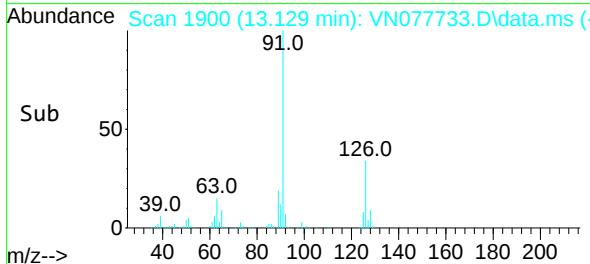
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01



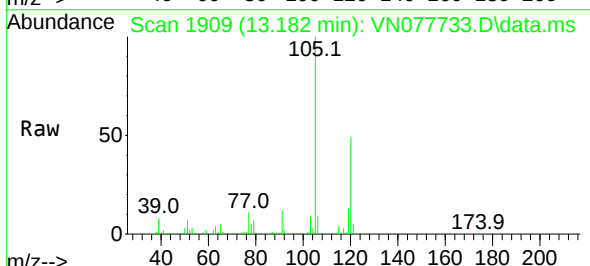
Tgt Ion: 91 Resp: 37328
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.8

Manual Integrations
APPROVED

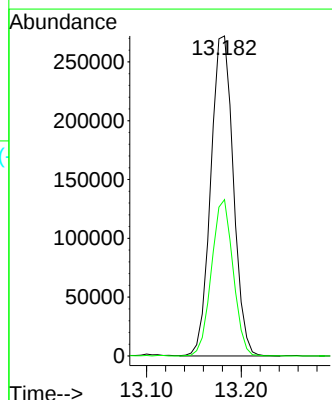
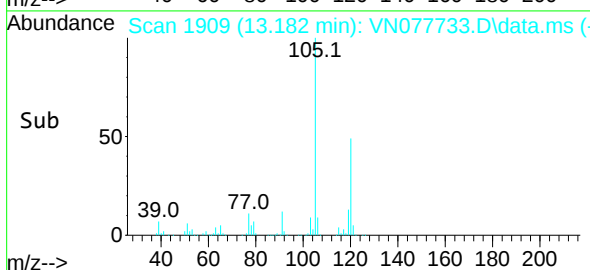
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

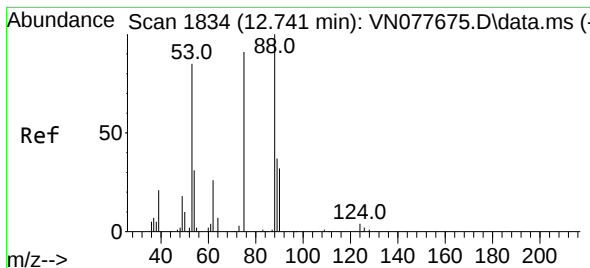


#80
1,3,5-Trimethylbenzene
Concen: 21.741 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47



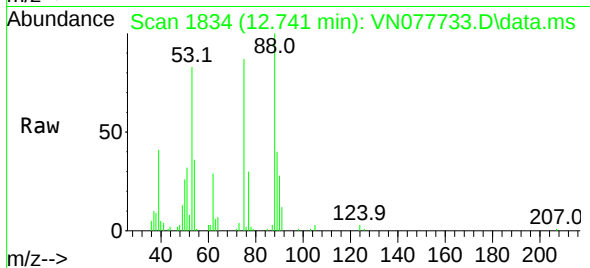
Tgt Ion:105 Resp: 450601
Ion Ratio Lower Upper
105 100
120 46.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.506 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

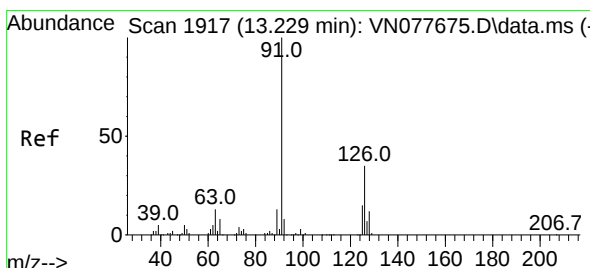
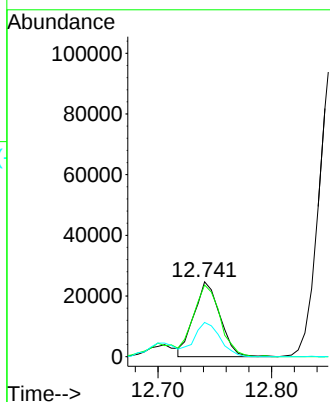
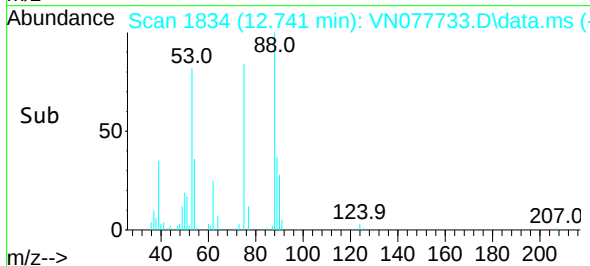
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01



Tgt Ion: 75 Resp: 39230
Ion Ratio Lower Upper
75 100
53 98.6 67.4 101.2
89 46.1 38.8 58.2

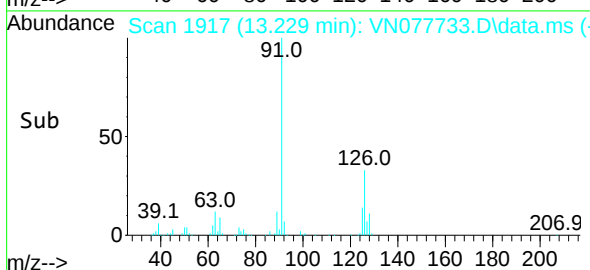
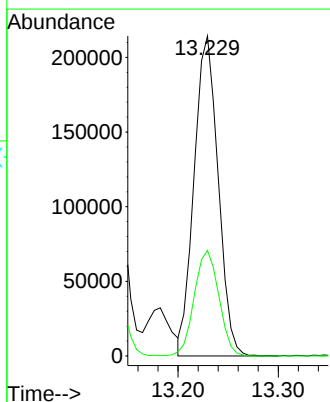
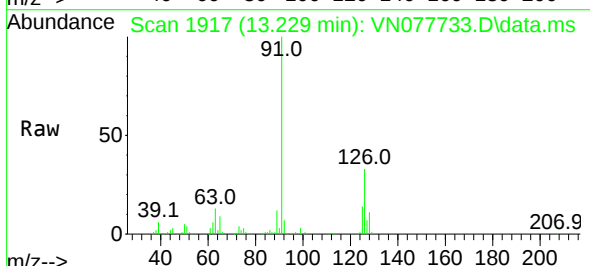
Manual Integrations
APPROVED

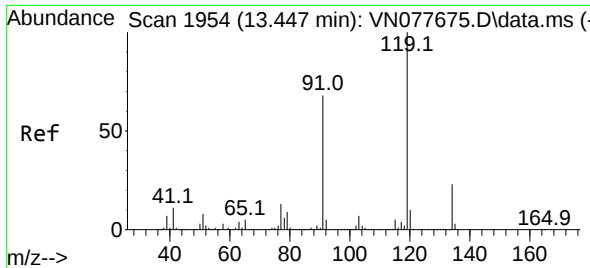
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#82
4-Chlorotoluene
Concen: 20.704 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

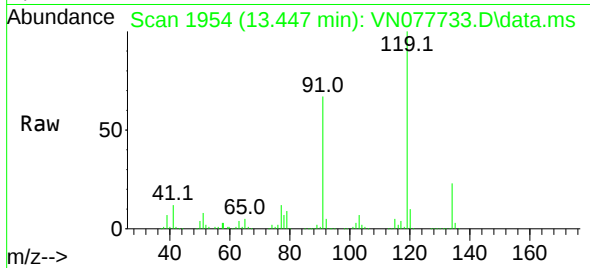
Tgt Ion: 91 Resp: 357357
Ion Ratio Lower Upper
91 100
126 33.8 16.7 50.0





#83
tert-Butylbenzene
Concen: 21.516 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

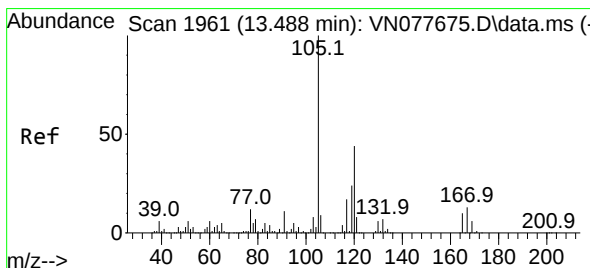
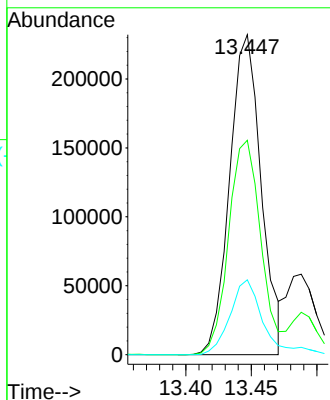
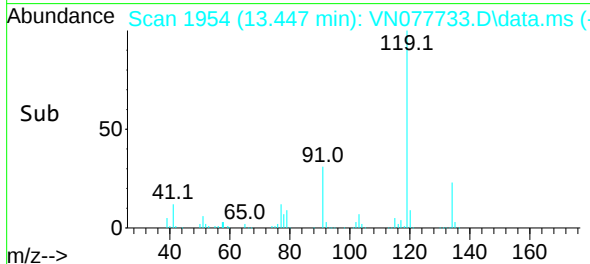
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01



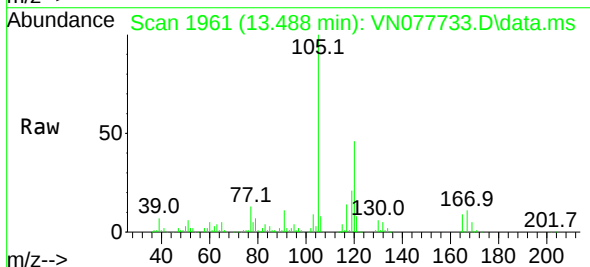
Tgt Ion:119 Resp: 389299
Ion Ratio Lower Upper
119 100
91 69.2 33.9 101.7
134 24.7 13.2 39.6

Manual Integrations
APPROVED

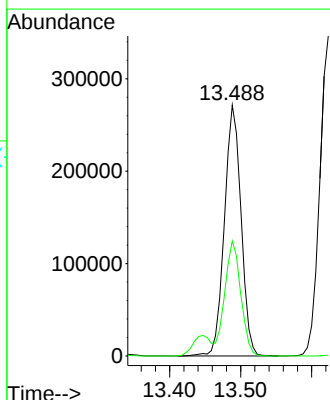
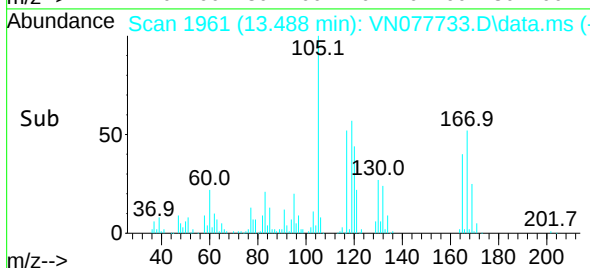
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

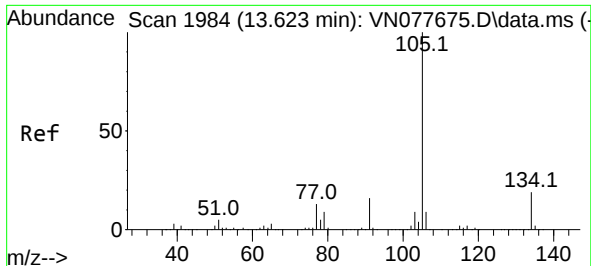


#84
1,2,4-Trimethylbenzene
Concen: 21.648 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47



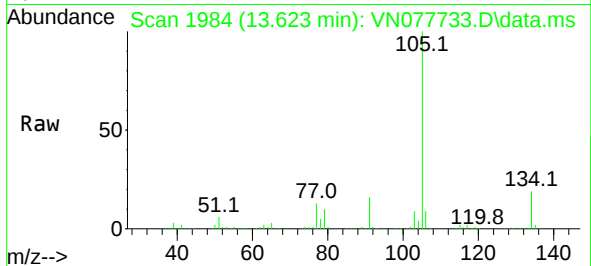
Tgt Ion:105 Resp: 441266
Ion Ratio Lower Upper
105 100
120 44.7 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 21.512 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077733.D
 Acq: 18 May 2023 13:47

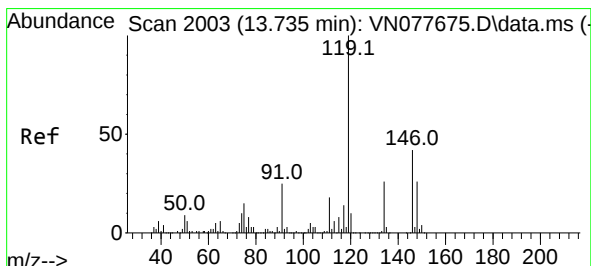
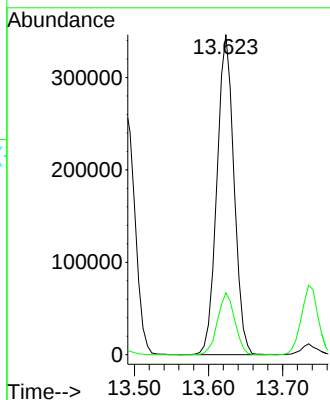
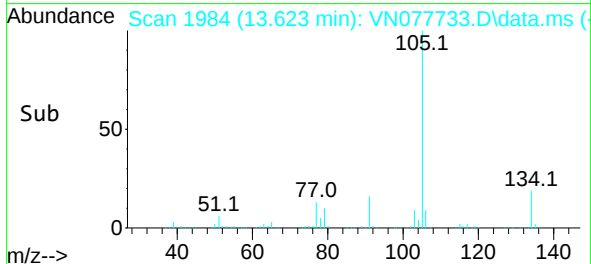
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS01



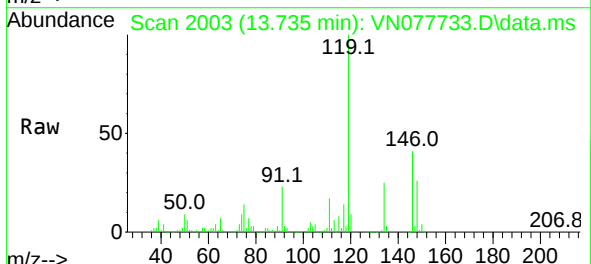
Tgt Ion:105 Resp: 55314
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Manual Integrations
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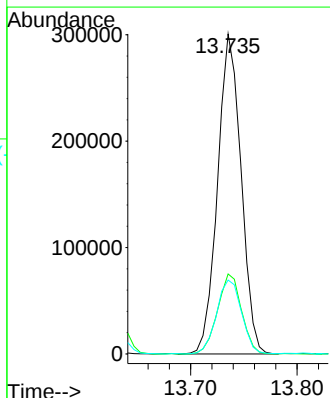
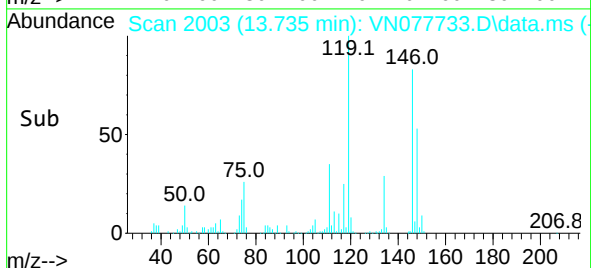
Reviewed By :John Carlone 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023

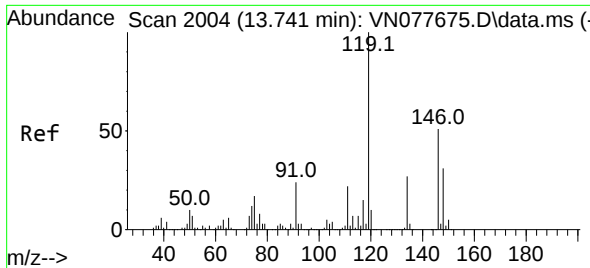


#86
 p-Isopropyltoluene
 Concen: 22.451 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077733.D
 Acq: 18 May 2023 13:47



Tgt Ion:119 Resp: 460236
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 24.7 12.4 37.2





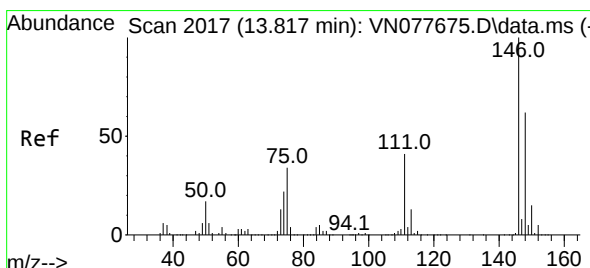
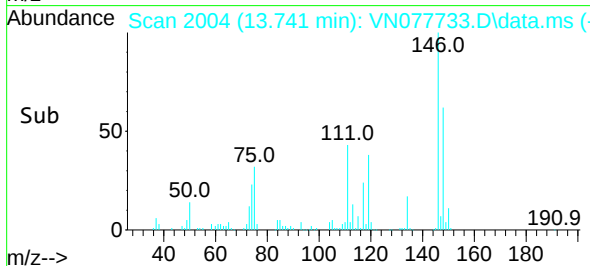
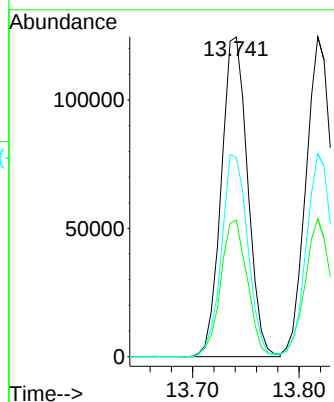
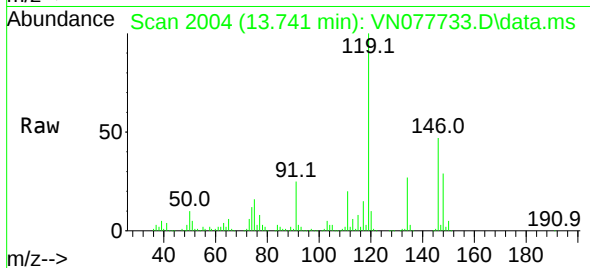
#87
 1,3-Dichlorobenzene
 Concen: 20.569 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. 0.000 min
 Lab File: VN077733.D
 Acq: 18 May 2023 13:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS01

Tgt Ion:146 Resp: 21407
 Ion Ratio Lower Upper
 146 100
 111 43.4 22.1 66.3
 148 62.7 32.0 96.0

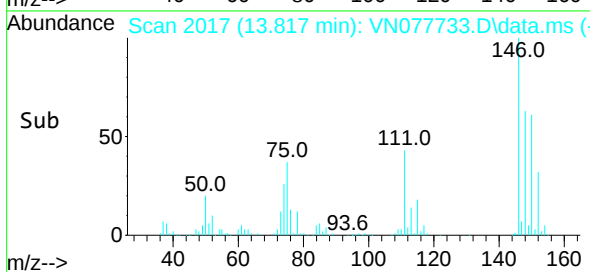
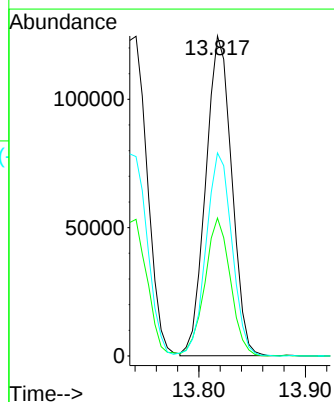
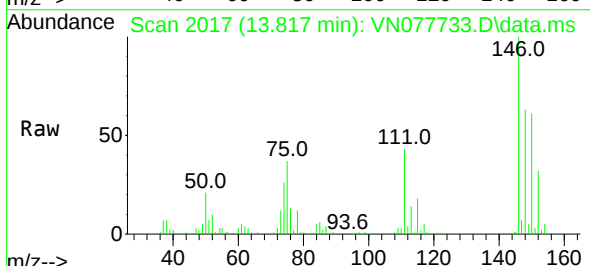
Manual Integrations
 APPROVED

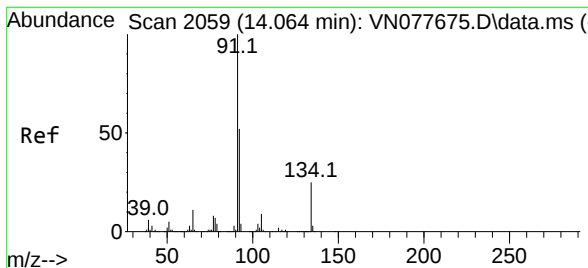
Reviewed By :John Carlone 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023



#88
 1,4-Dichlorobenzene
 Concen: 20.507 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN077733.D
 Acq: 18 May 2023 13:47

Tgt Ion:146 Resp: 211785
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.6 61.8
 148 63.3 31.6 94.8





#89

n-Butylbenzene

Concen: 20.473 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.001 min

Lab File: VN077733.D

Acq: 18 May 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS01

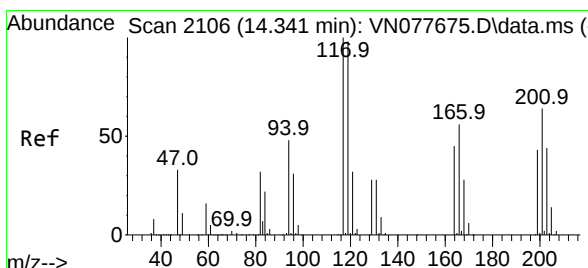
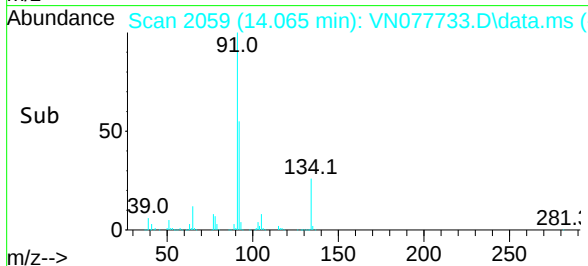
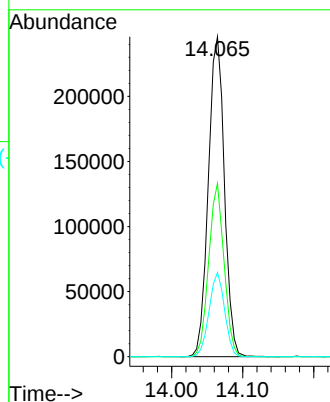
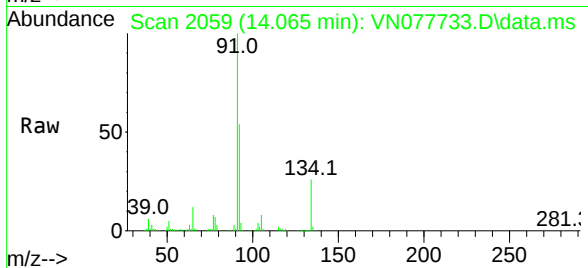
Tgt Ion:	91	Resp:	38602
Ion Ratio	Lower	Upper	
91	100		
92	51.9	26.4	79.0
134	25.3	12.6	37.6

Manual Integrations

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Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#90

Hexachloroethane

Concen: 21.076 ug/l

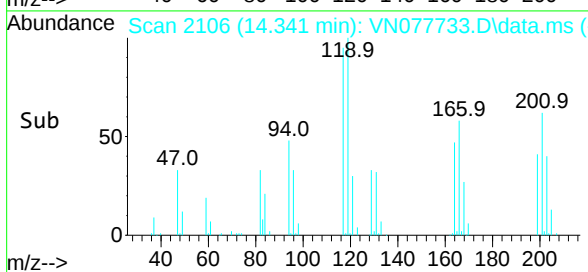
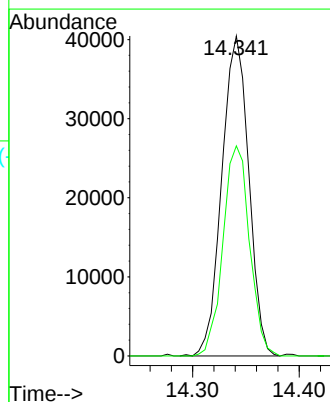
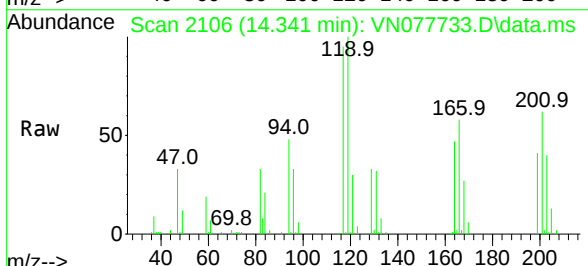
RT: 14.341 min Scan# 2106

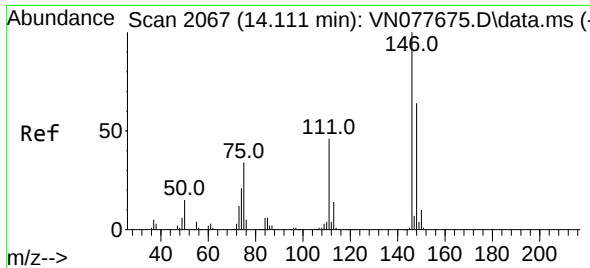
Delta R.T. -0.000 min

Lab File: VN077733.D

Acq: 18 May 2023 13:47

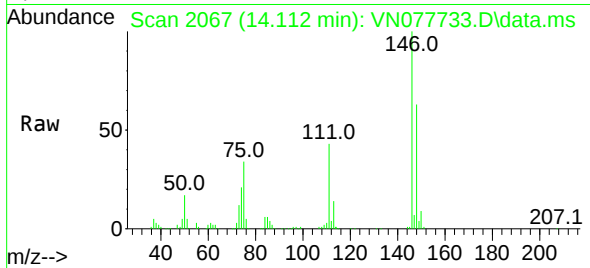
Tgt Ion:	117	Resp:	70976
Ion Ratio	Lower	Upper	
117	100		
201	64.8	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 21.916 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.001 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

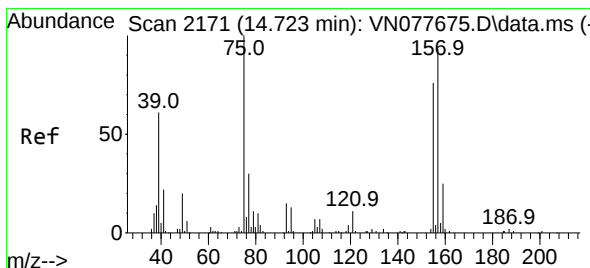
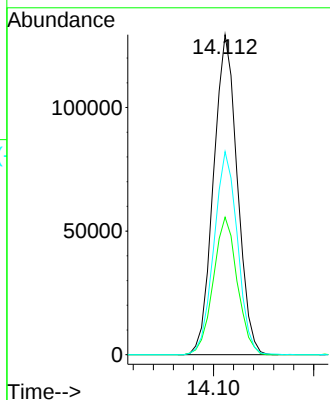
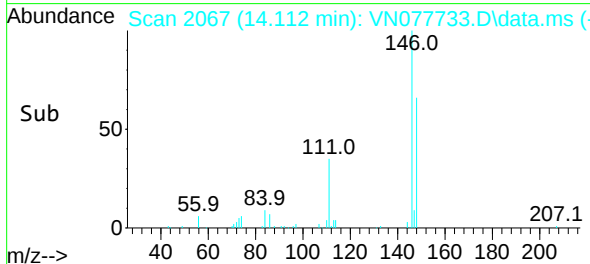
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01



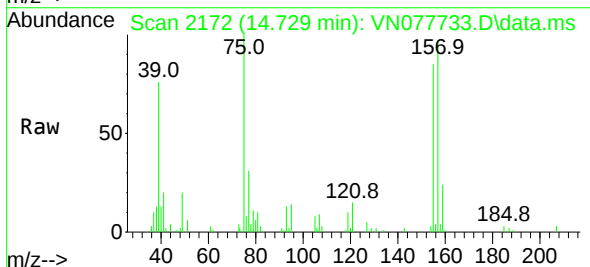
Tgt Ion:146 Resp: 213070
Ion Ratio Lower Upper
146 100
111 43.4 22.0 66.0
148 63.0 31.8 95.3

Manual Integrations
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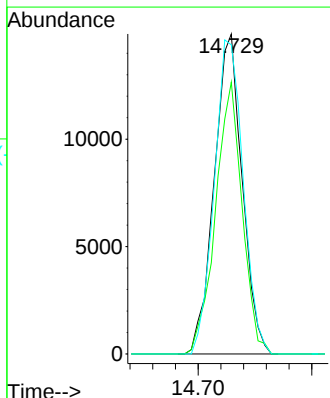
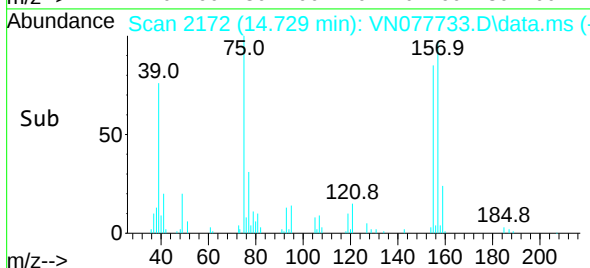
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

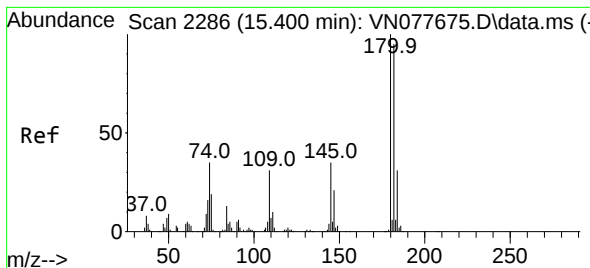


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.312 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47



Tgt Ion: 75 Resp: 25427
Ion Ratio Lower Upper
75 100
155 81.0 39.1 117.2
157 101.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 18.493 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN077733.D

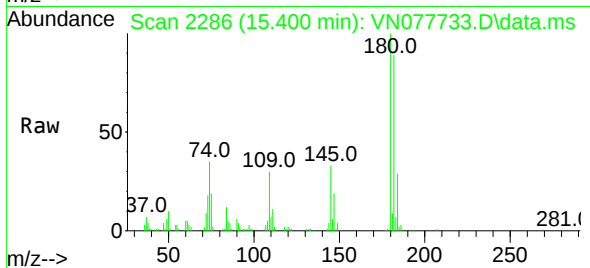
Acq: 18 May 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBS01



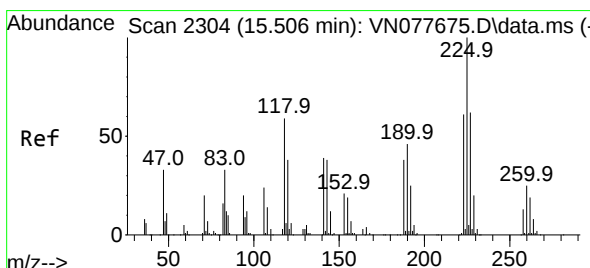
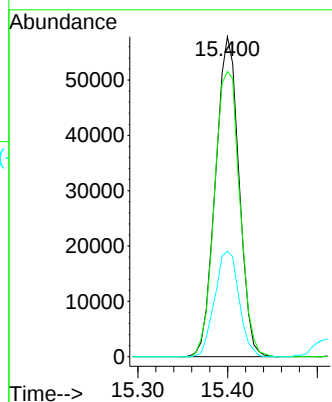
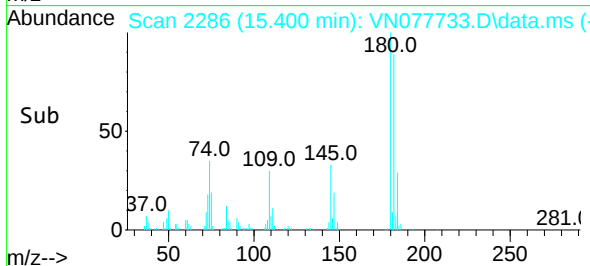
Tgt Ion:	180	Resp:	105070
Ion Ratio	Lower	Upper	
180	100		
182	96.1	46.1	138.2
145	34.1	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#94

Hexachlorobutadiene

Concen: 21.964 ug/l

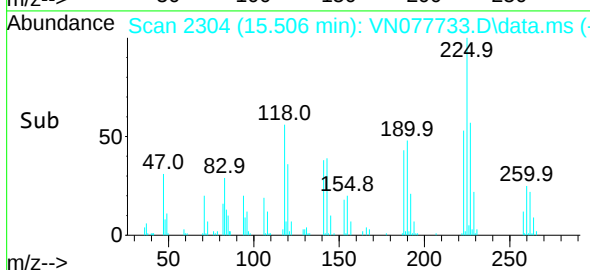
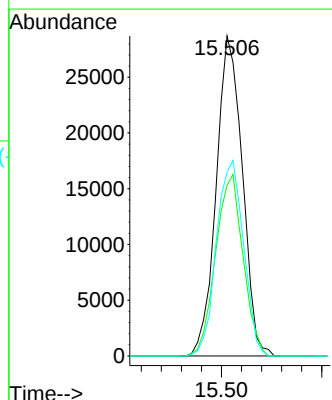
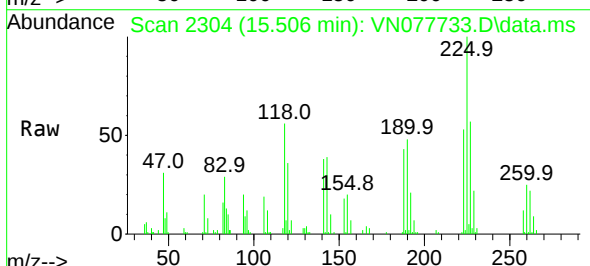
RT: 15.506 min Scan# 2304

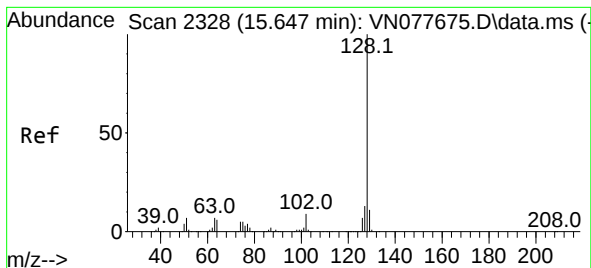
Delta R.T. -0.000 min

Lab File: VN077733.D

Acq: 18 May 2023 13:47

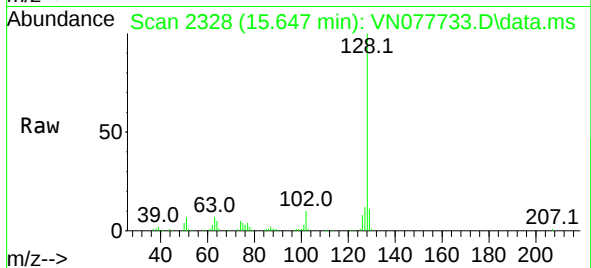
Tgt Ion:	225	Resp:	51814
Ion Ratio	Lower	Upper	
225	100		
223	59.6	31.3	93.8
227	63.6	31.9	95.9





#95
Naphthalene
Concen: 16.054 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47

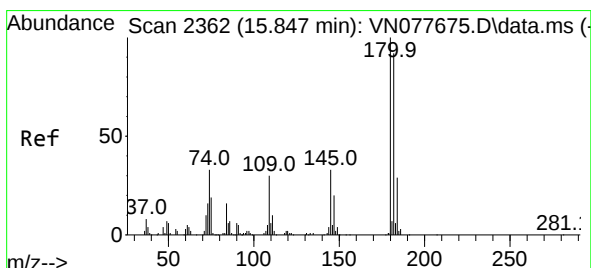
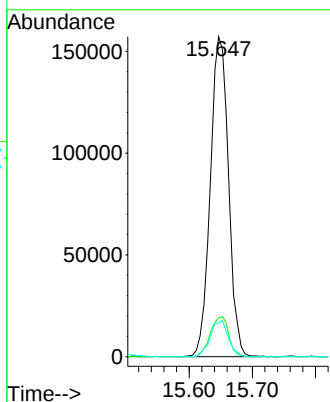
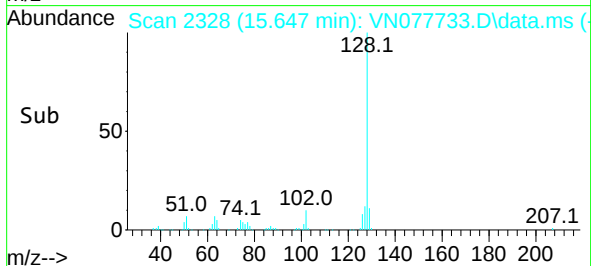
Instrument :
MSVOA_N
ClientSampleId :
VN0518WBS01



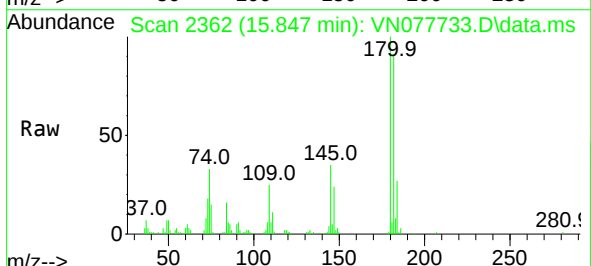
Tgt Ion:128 Resp: 31396
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.910 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077733.D
Acq: 18 May 2023 13:47



Tgt Ion:180 Resp: 105192
Ion Ratio Lower Upper
180 100
182 94.3 46.2 138.6
145 35.6 17.5 52.6

