

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051923\
 Data File : VN077755.D
 Acq On : 19 May 2023 11:30
 Operator : JC\MD
 Sample : VN0519WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBS01

Quant Time: May 19 23:53:29 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 05/22/2023
 Supervised By : Mahesh Dadoda 05/22/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	400578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	714369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	614167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	264429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	288251	48.093	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.180%		
35) Dibromofluoromethane	8.177	113	238526	51.204	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.400%		
50) Toluene-d8	10.576	98	900690	50.233	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.460%		
62) 4-Bromofluorobenzene	12.859	95	303920	47.993	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	82426	18.080	ug/l	96
3) Chloromethane	2.365	50	85041	16.390	ug/l	96
4) Vinyl Chloride	2.524	62	97693	16.997	ug/l	98
5) Bromomethane	2.971	94	74256	17.468	ug/l	98
6) Chloroethane	3.136	64	68424	16.519	ug/l	92
7) Trichlorofluoromethane	3.512	101	153200	19.126	ug/l	98
8) Diethyl Ether	3.977	74	53247	18.209	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	83023	18.729	ug/l	97
10) Methyl Iodide	4.600	142	101373	19.175	ug/l	98
11) Tert butyl alcohol	5.530	59	67498	81.600	ug/l	99
12) 1,1-Dichloroethene	4.359	96	78266	18.576	ug/l	98
13) Acrolein	4.189	56	49094	75.326	ug/l	96
14) Allyl chloride	5.036	41	115529	18.666	ug/l	95
15) Acrylonitrile	5.730	53	187164	84.693	ug/l	99
16) Acetone	4.442	43	155188	82.298	ug/l	95
17) Carbon Disulfide	4.724	76	178378	15.713	ug/l	95
18) Methyl Acetate	5.036	43	137625	17.397	ug/l	90
19) Methyl tert-butyl Ether	5.800	73	279781	18.346	ug/l	93
20) Methylene Chloride	5.283	84	94192	17.924	ug/l	99
21) trans-1,2-Dichloroethene	5.806	96	86618	18.302	ug/l	93
22) Diisopropyl ether	6.683	45	256169	17.658	ug/l #	92
23) Vinyl Acetate	6.612	43	744790	82.860	ug/l #	89
24) 1,1-Dichloroethane	6.583	63	164236	18.479	ug/l	96
25) 2-Butanone	7.494	43	242625	82.252	ug/l #	86
26) 2,2-Dichloropropane	7.506	77	138881	18.393	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	103550	18.248	ug/l	91
28) Bromochloromethane	7.824	49	67849	17.651	ug/l	90
29) Tetrahydrofuran	7.853	42	157378	81.480	ug/l #	84
30) Chloroform	7.977	83	177099	18.114	ug/l	94
31) Cyclohexane	8.265	56	142520	17.495	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	158358	19.051	ug/l	95
36) 1,1-Dichloropropene	8.382	75	127643	18.734	ug/l	99
37) Ethyl Acetate	7.571	43	100183	16.497	ug/l	95
38) Carbon Tetrachloride	8.371	117	136097	19.781	ug/l	98
39) Methylcyclohexane	9.606	83	152990	18.341	ug/l	90
40) Benzene	8.618	78	386643	19.230	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	58242	18.008	ug/l	90
42) 1,2-Dichloroethane	8.677	62	138030	18.898	ug/l	98
43) Isopropyl Acetate	8.694	43	178618	18.007	ug/l	95
44) Trichloroethene	9.359	130	101845	20.004	ug/l	95
45) 1,2-Dichloropropane	9.629	63	100898	19.674	ug/l	94
46) Dibromomethane	9.712	93	66123	18.018	ug/l	91
47) Bromodichloromethane	9.894	83	140858	20.048	ug/l	99
48) Methyl methacrylate	9.688	41	81906	17.416	ug/l	87
49) 1,4-Dioxane	9.706	88	30503	343.395	ug/l	88
51) 4-Methyl-2-Pentanone	10.453	43	516743	87.639	ug/l	93
52) Toluene	10.635	92	242041	19.337	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	136075	18.289	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	152178	18.560	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	98106	19.739	ug/l	97
56) Ethyl methacrylate	10.882	69	134629	17.915	ug/l	91
57) 1,3-Dichloropropane	11.171	76	161940	19.006	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	326088	88.204	ug/l	92
59) 2-Hexanone	11.200	43	363146	83.267	ug/l	91
60) Dibromochloromethane	11.365	129	98850	19.266	ug/l	95
61) 1,2-Dibromoethane	11.476	107	91696	18.494	ug/l	99
64) Tetrachloroethene	11.112	164	96469	22.461	ug/l	96
65) Chlorobenzene	11.900	112	260166	19.540	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.970	131	97588	21.183	ug/l	98
67) Ethyl Benzene	11.970	91	463349	19.419	ug/l	97
68) m/p-Xylenes	12.076	106	355657	39.339	ug/l	97
69) o-Xylene	12.406	106	178315	20.055	ug/l	99
70) Styrene	12.418	104	276522	19.578	ug/l	98
71) Bromoform	12.588	173	59399	19.382	ug/l #	100
73) Isopropylbenzene	12.706	105	455018	19.962	ug/l	98
74) N-amyl acetate	12.500	43	133954	15.899	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	126629	18.058	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	111755m	16.876	ug/l	
77) Bromobenzene	12.988	156	98821	18.998	ug/l	99
78) n-propylbenzene	13.041	91	525761	19.565	ug/l	100
79) 2-Chlorotoluene	13.129	91	314247	19.597	ug/l	96
80) 1,3,5-Trimethylbenzene	13.182	105	387576	20.231	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	40222	19.415	ug/l #	95
82) 4-Chlorotoluene	13.229	91	301565	18.902	ug/l	99
83) tert-Butylbenzene	13.447	119	339202	20.282	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	383349	20.347	ug/l	97
85) sec-Butylbenzene	13.623	105	477326	20.083	ug/l	100
86) p-Isopropyltoluene	13.735	119	384745	20.305	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	182356	18.956	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	181540	19.018	ug/l	99
89) n-Butylbenzene	14.064	91	333231	19.120	ug/l	98
90) Hexachloroethane	14.341	117	62843	20.188	ug/l	88
91) 1,2-Dichlorobenzene	14.111	146	184676	20.550	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	24606	18.125	ug/l	90
93) 1,2,4-Trichlorobenzene	15.400	180	86480	16.467	ug/l	99
94) Hexachlorobutadiene	15.511	225	43317	19.866	ug/l	97
95) Naphthalene	15.647	128	251000	13.885	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	88316	17.176	ug/l	100

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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

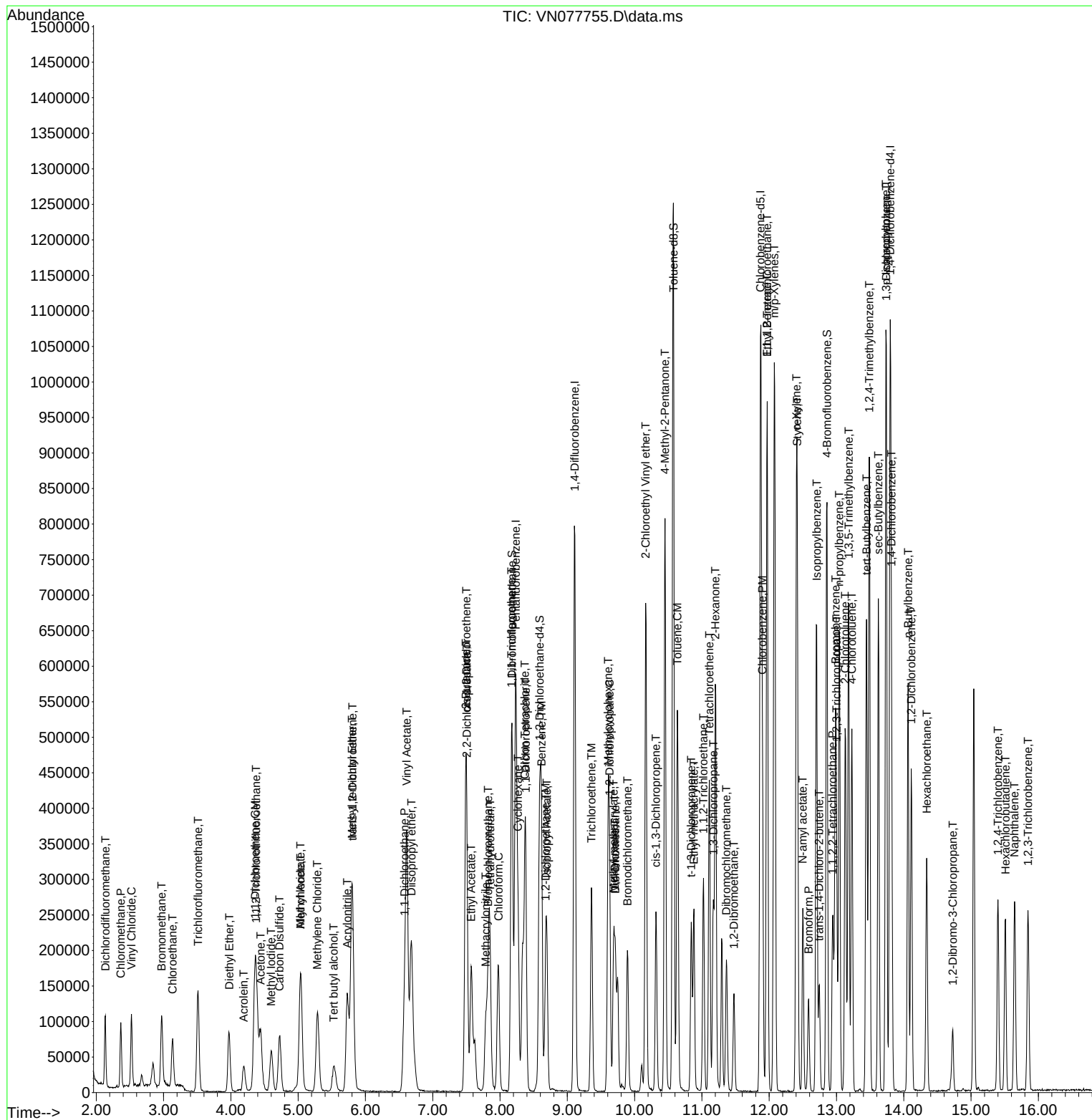
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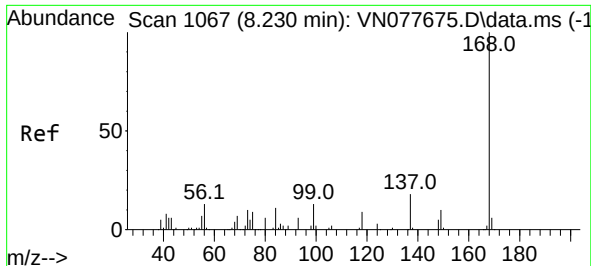
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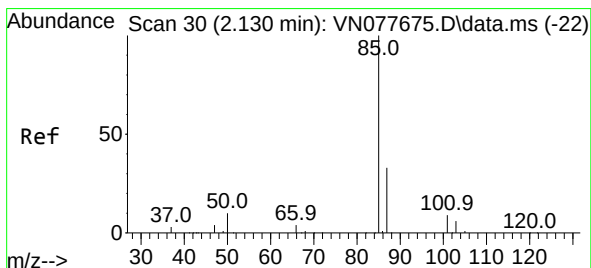
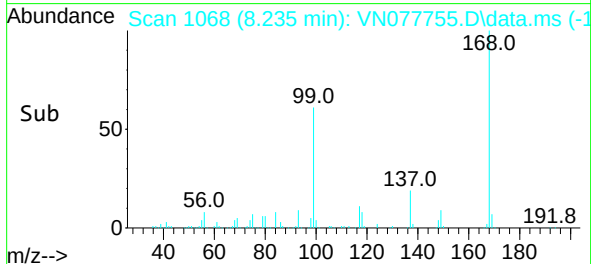
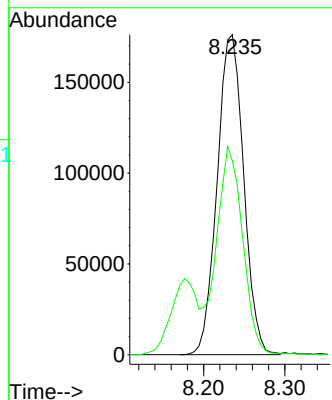
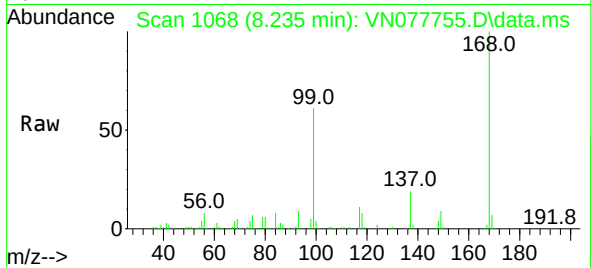
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077755.D
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ClientSampleId :
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Tgt Ion:168 Resp: 400578
Ion Ratio Lower Upper
168 100
99 60.3 53.0 79.6

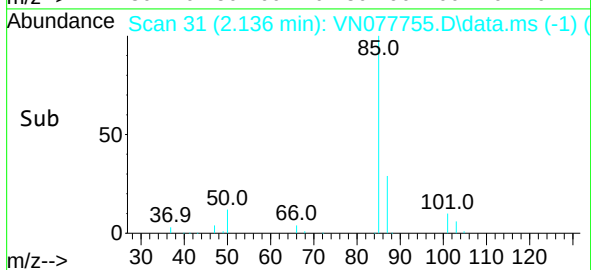
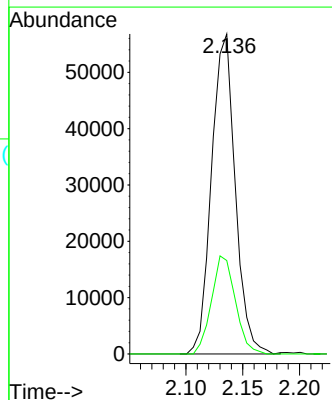
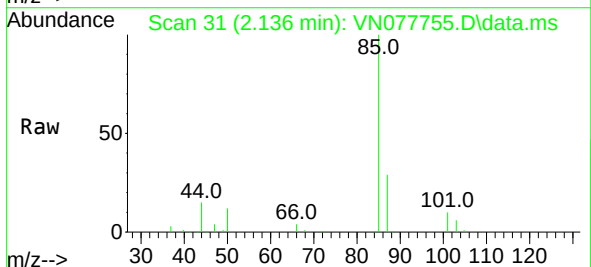
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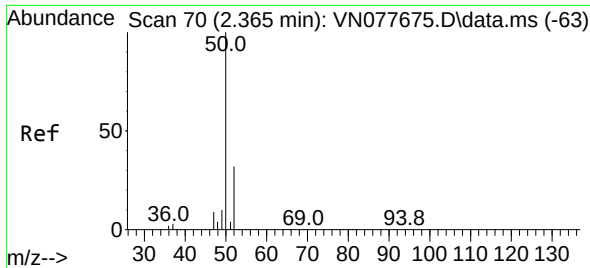
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#2
Dichlorodifluoromethane
Concen: 18.080 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

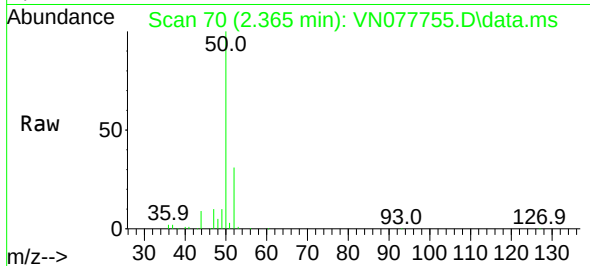
Tgt Ion: 85 Resp: 82426
Ion Ratio Lower Upper
85 100
87 29.2 15.8 47.4





#3
Chloromethane
Concen: 16.390 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

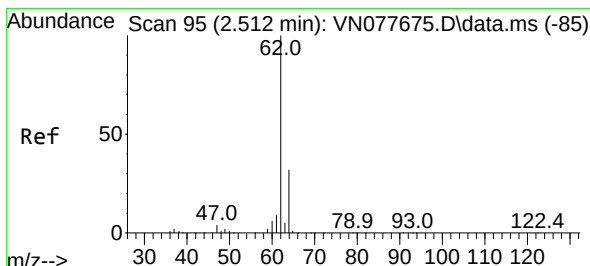
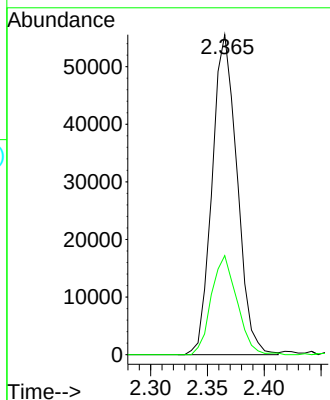
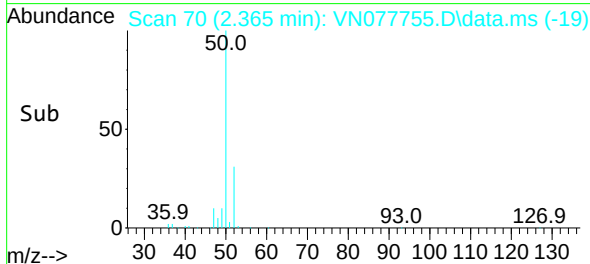
Instrument :
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Tgt Ion: 50 Resp: 8504
Ion Ratio Lower Upper
50 100
52 31.0 26.5 39.7

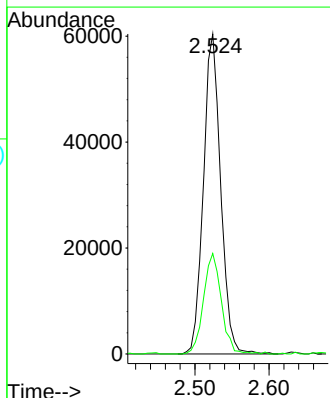
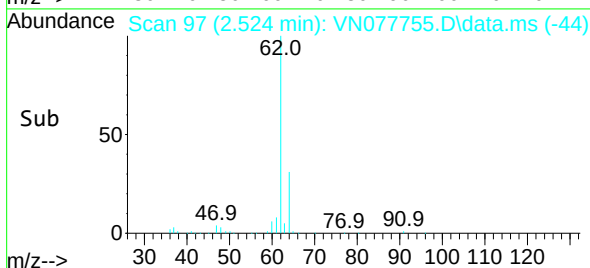
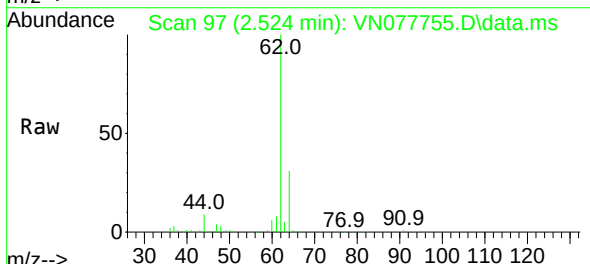
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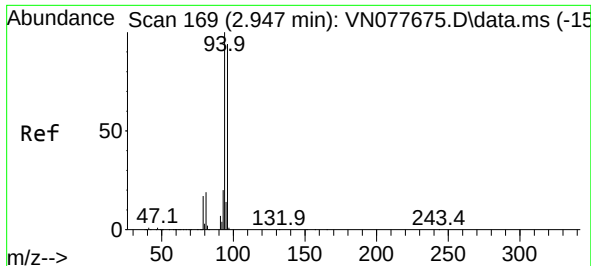
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#4
Vinyl Chloride
Concen: 16.997 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion: 62 Resp: 97693
Ion Ratio Lower Upper
62 100
64 31.4 26.2 39.2





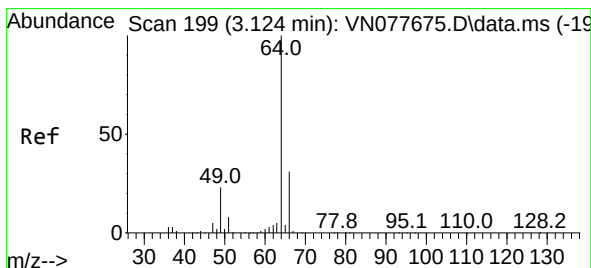
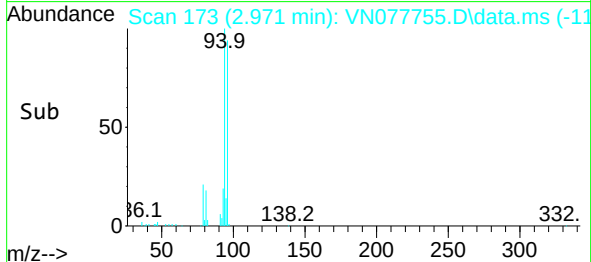
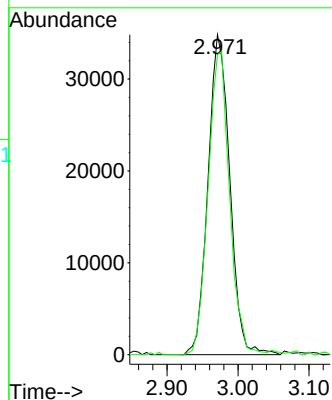
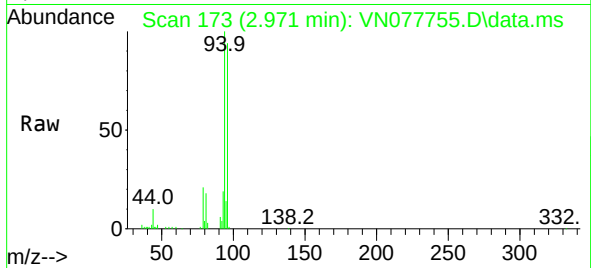
#5
Bromomethane
Concen: 17.468 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN077755.D
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Tgt Ion: 94 Resp: 74250
Ion Ratio Lower Upper
94 100
96 93.8 73.1 109.7

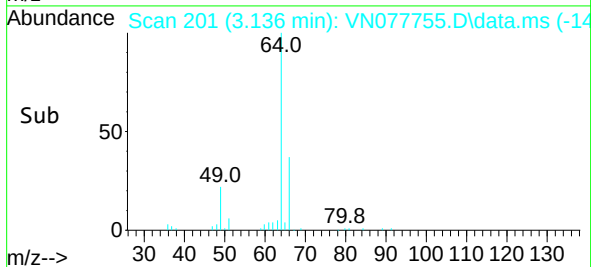
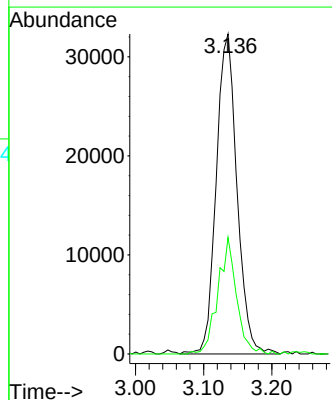
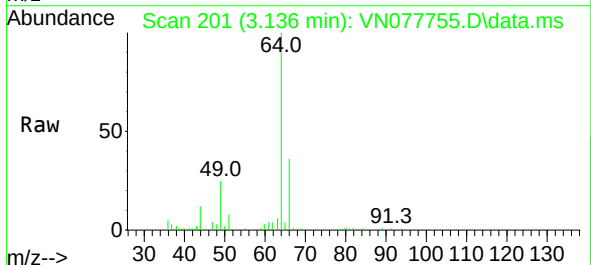
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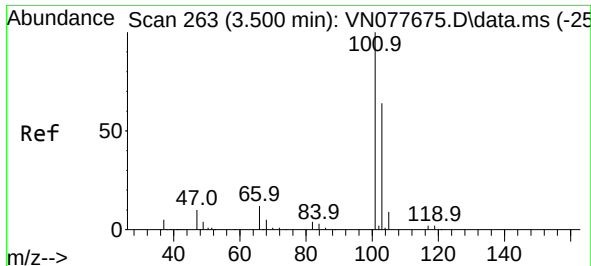
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#6
Chloroethane
Concen: 16.519 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.012 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion: 64 Resp: 68424
Ion Ratio Lower Upper
64 100
66 36.4 25.4 38.2





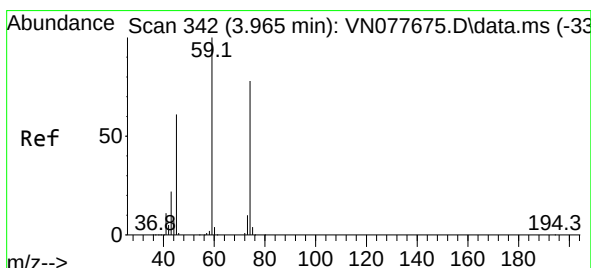
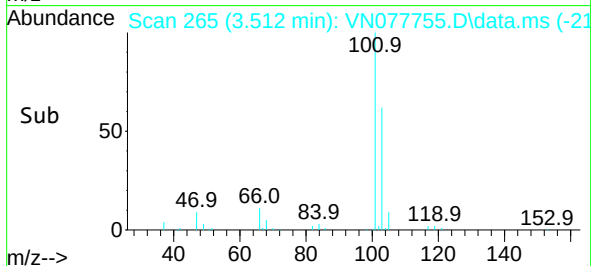
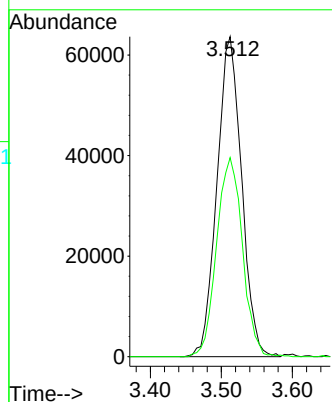
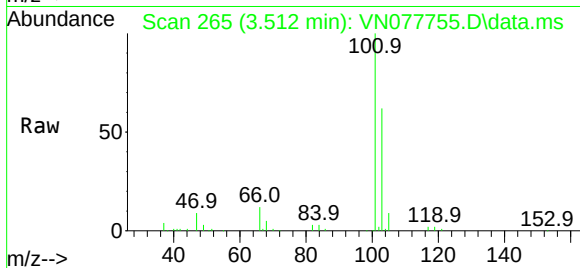
#7
Trichlorofluoromethane
Concen: 19.126 ug/l
RT: 3.512 min Scan# 265
Delta R.T. 0.012 min
Lab File: VN077755.D
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Instrument :
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Tgt Ion:101 Resp: 153200
Ion Ratio Lower Upper
101 100
103 62.2 50.7 76.1

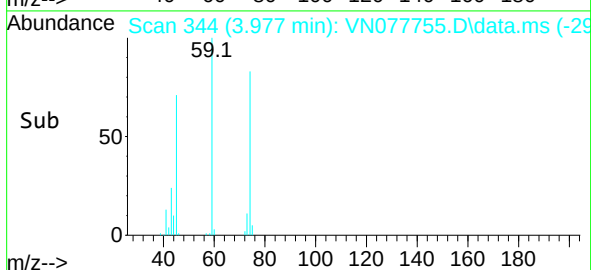
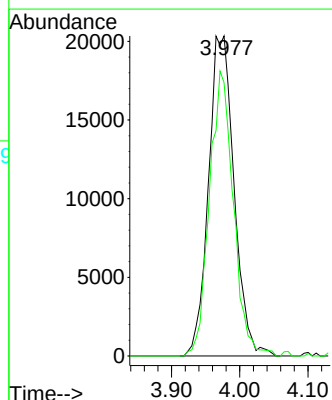
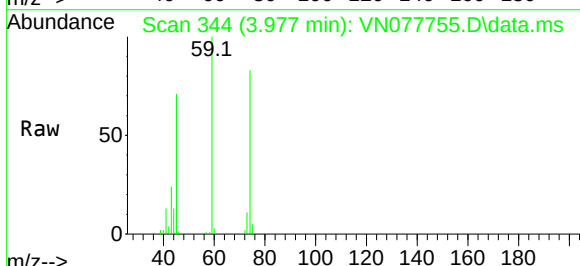
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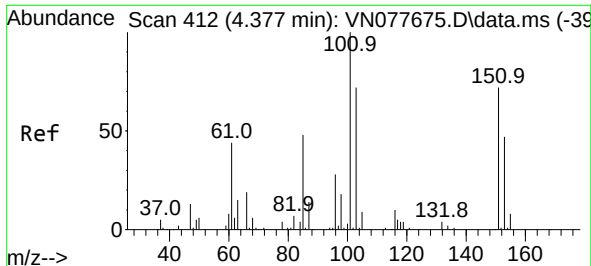
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#8
Diethyl Ether
Concen: 18.209 ug/l
RT: 3.977 min Scan# 344
Delta R.T. 0.012 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion: 74 Resp: 53247
Ion Ratio Lower Upper
74 100
45 83.1 34.4 103.3





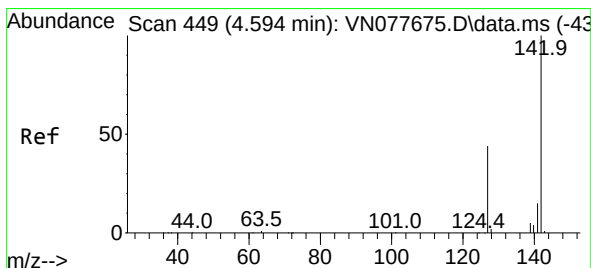
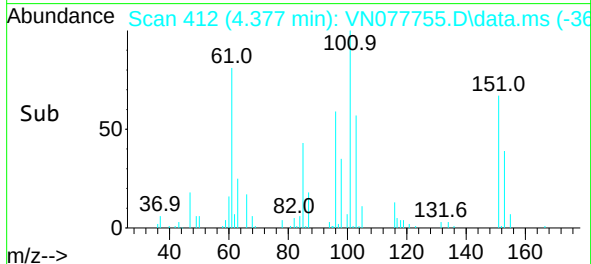
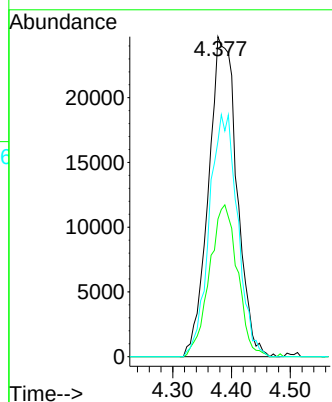
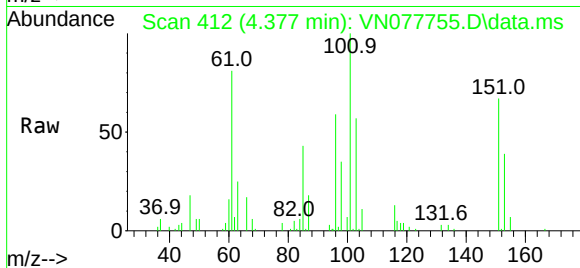
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.729 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

Tgt Ion:101 Resp: 8302
Ion Ratio Lower Upper
101 100
85 46.9 36.6 55.0
151 75.6 57.6 86.4

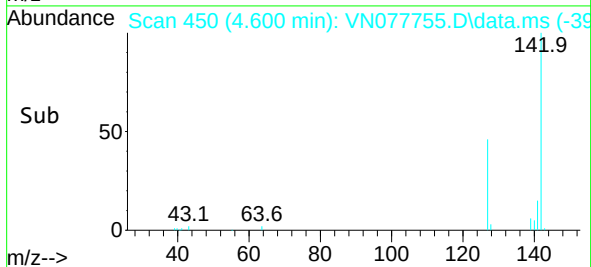
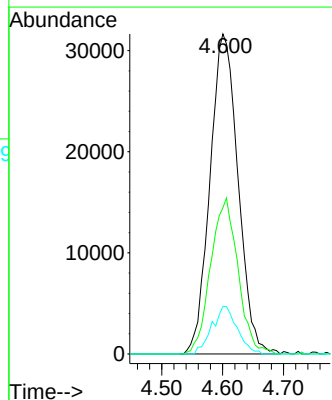
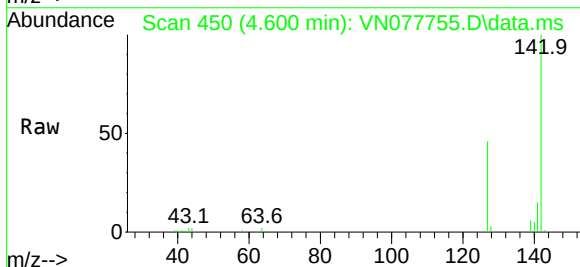
Manual Integrations
APPROVED

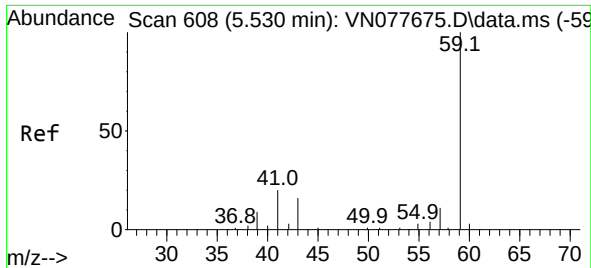
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#10
Methyl Iodide
Concen: 19.175 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

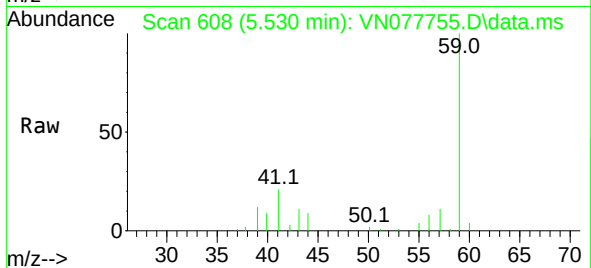
Tgt Ion:142 Resp: 101373
Ion Ratio Lower Upper
142 100
127 45.7 37.6 56.4
141 14.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 81.600 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

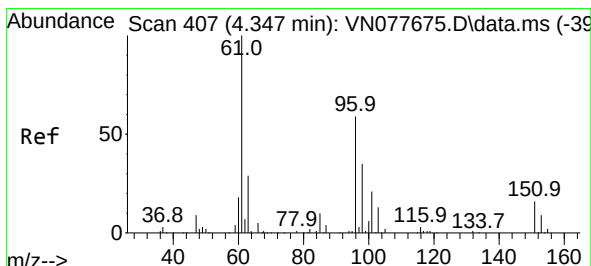
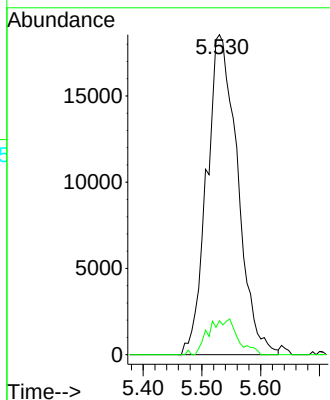
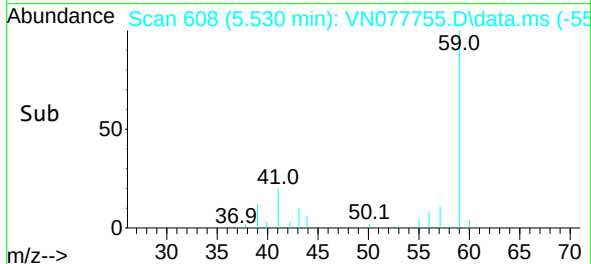
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



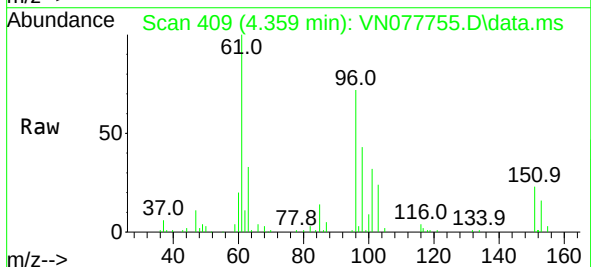
Tgt Ion: 59 Resp: 67498
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

Manual Integrations
APPROVED

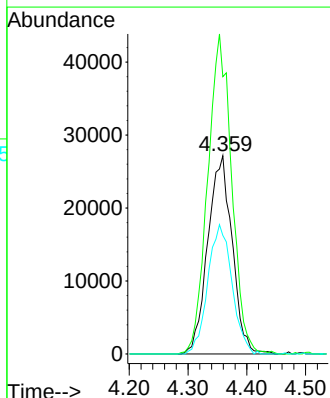
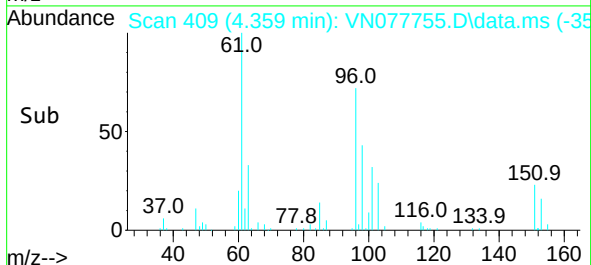
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

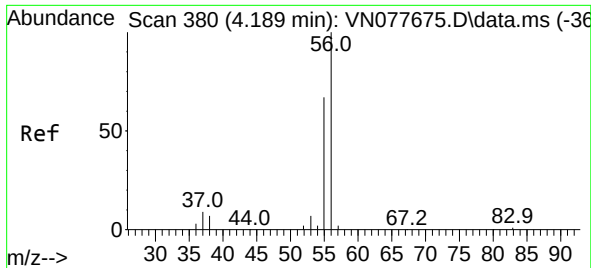


#12
1,1-Dichloroethene
Concen: 18.576 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.012 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30



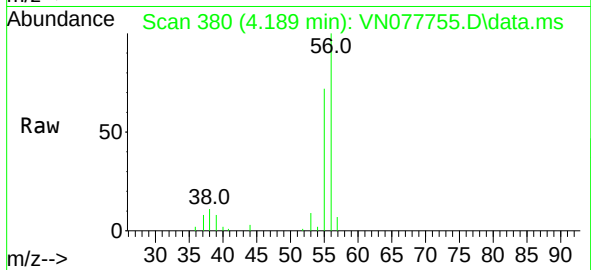
Tgt Ion: 96 Resp: 78266
Ion Ratio Lower Upper
96 100
61 139.9 112.7 169.1
98 59.8 51.2 76.8





#13
Acrolein
Concen: 75.326 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

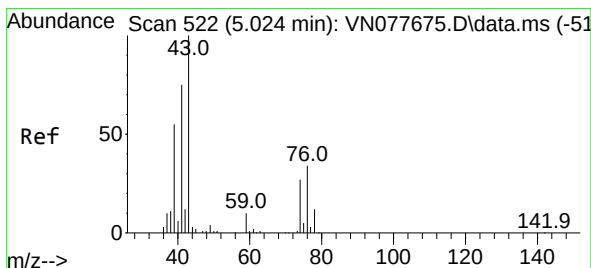
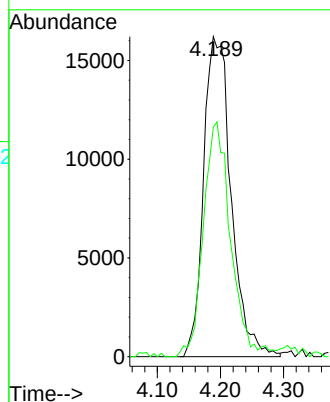
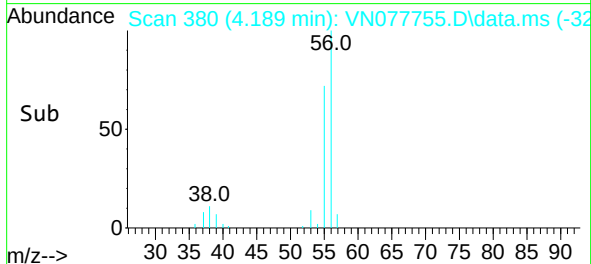
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion: 56 Resp: 49094
Ion Ratio Lower Upper
56 100
55 71.3 54.5 81.7

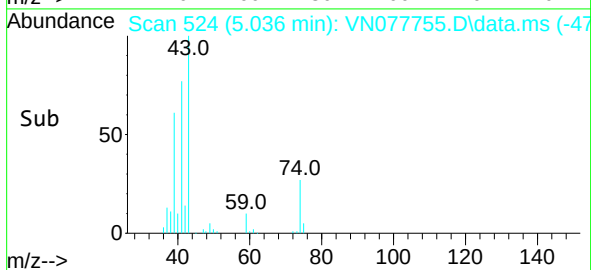
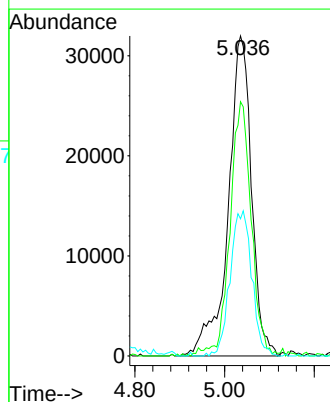
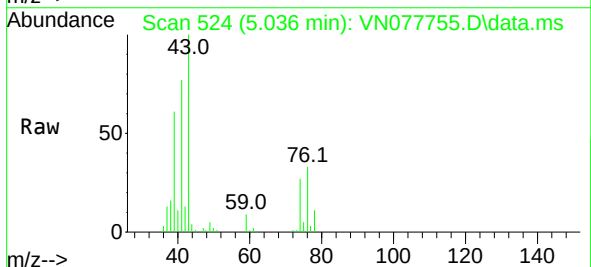
Manual Integrations
APPROVED

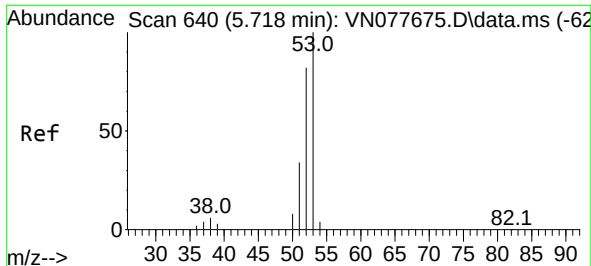
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#14
Allyl chloride
Concen: 18.666 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

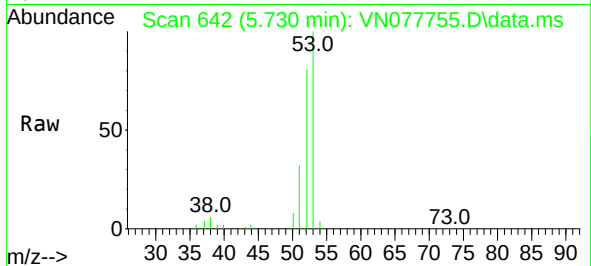
Tgt Ion: 41 Resp: 115529
Ion Ratio Lower Upper
41 100
39 72.6 58.8 88.2
76 42.3 39.1 58.7





#15
Acrylonitrile
Concen: 84.693 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

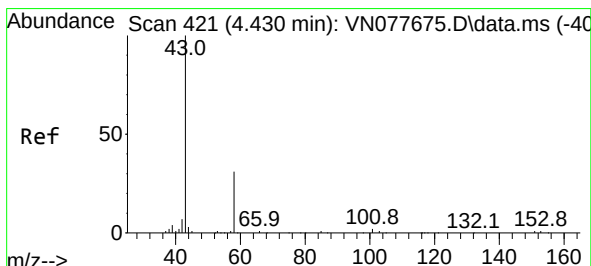
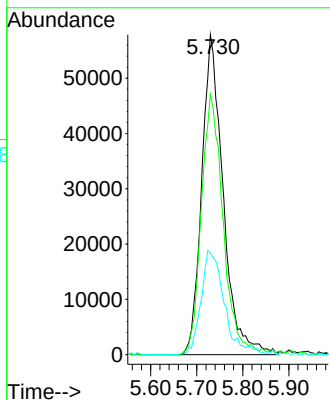
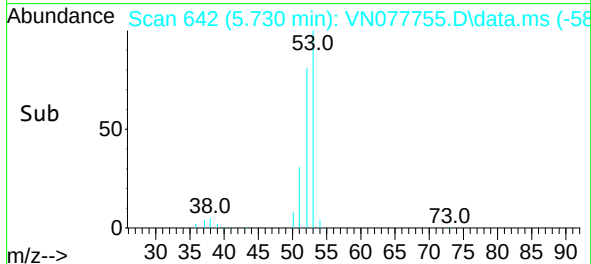
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



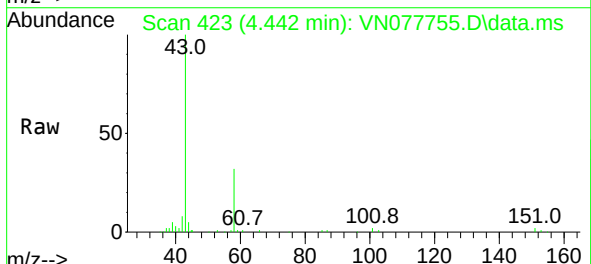
Tgt Ion: 53 Resp: 187164
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 35.4 28.9 43.3

Manual Integrations
APPROVED

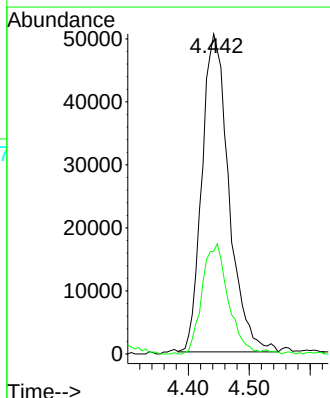
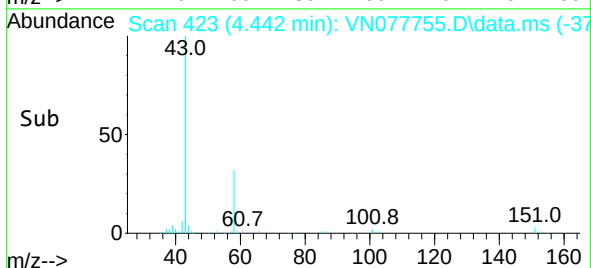
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

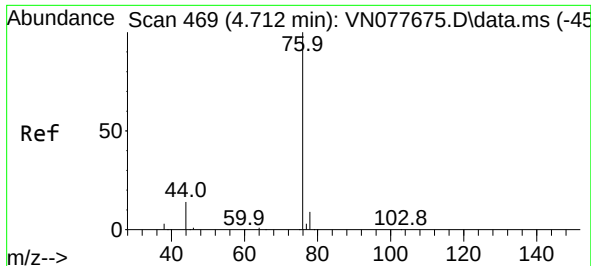


#16
Acetone
Concen: 82.298 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30



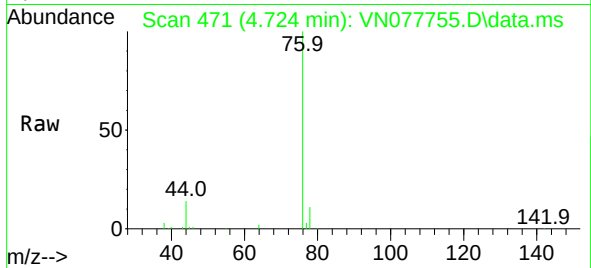
Tgt Ion: 43 Resp: 155188
Ion Ratio Lower Upper
43 100
58 32.4 28.0 42.0





#17
Carbon Disulfide
Concen: 15.713 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

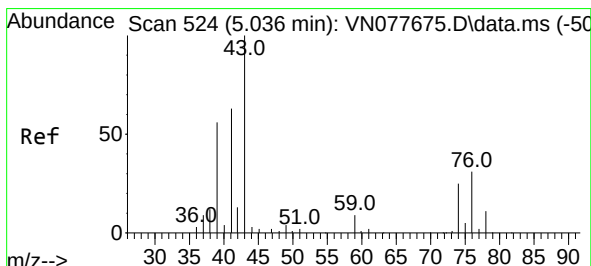
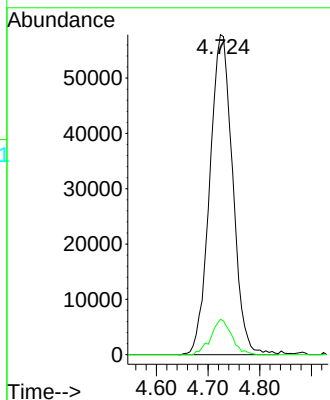
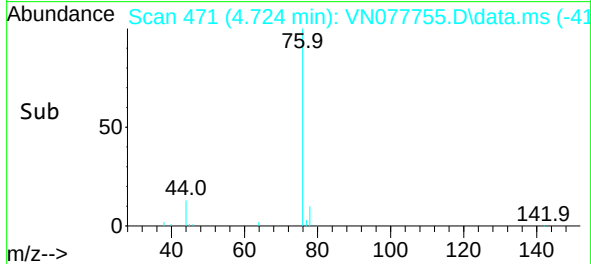
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



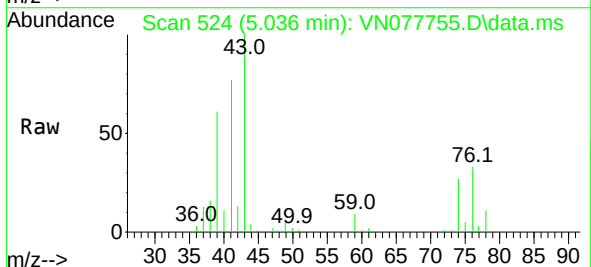
Tgt Ion: 76 Resp: 178378
Ion Ratio Lower Upper
76 100
78 11.0 7.4 11.0

Manual Integrations
APPROVED

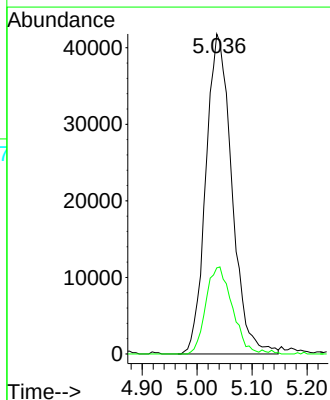
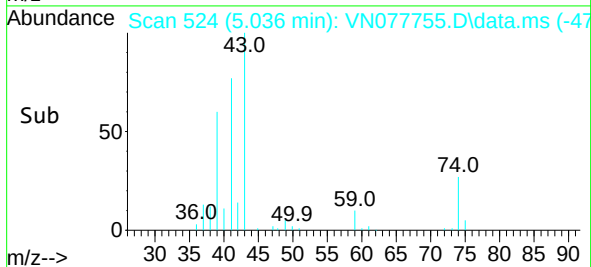
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

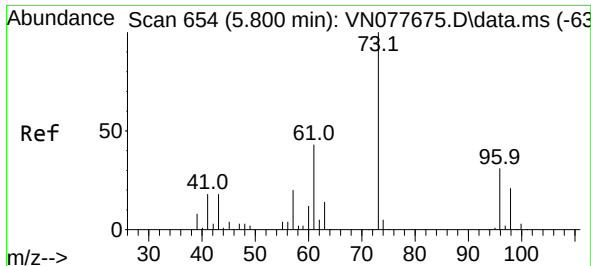


#18
Methyl Acetate
Concen: 17.397 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30



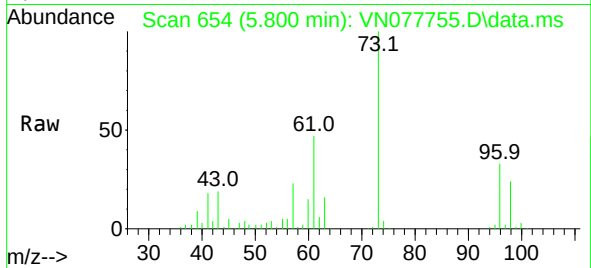
Tgt Ion: 43 Resp: 137625
Ion Ratio Lower Upper
43 100
74 27.3 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 18.346 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

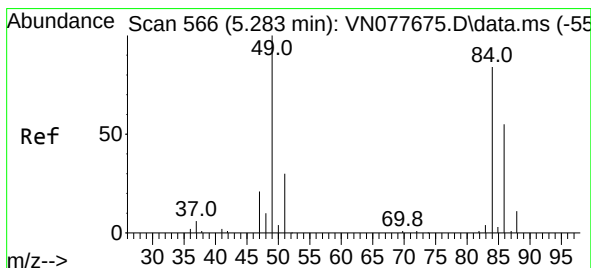
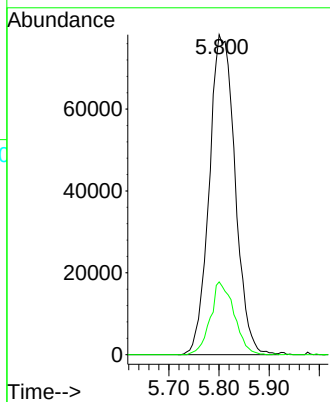
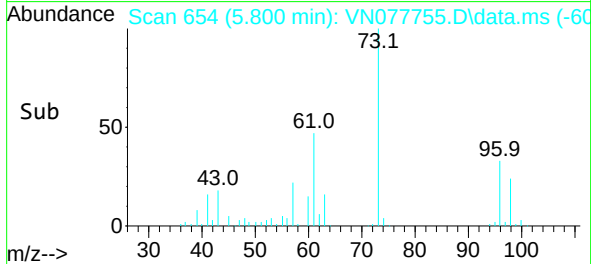
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion: 73 Resp: 27978
Ion Ratio Lower Upper
73 100
57 22.7 15.6 23.4

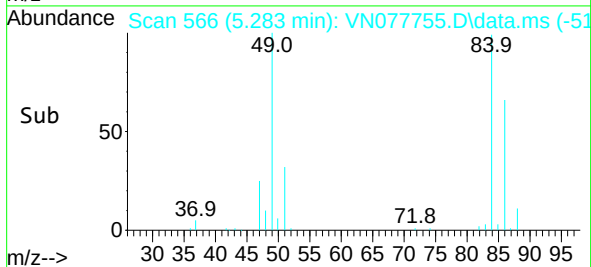
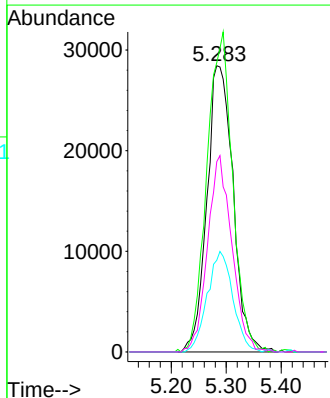
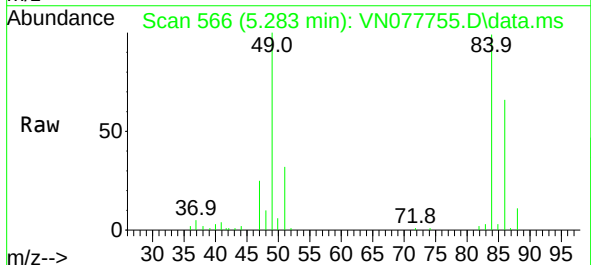
Manual Integrations
APPROVED

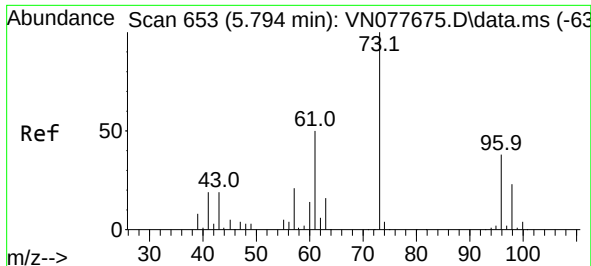
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#20
Methylene Chloride
Concen: 17.924 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

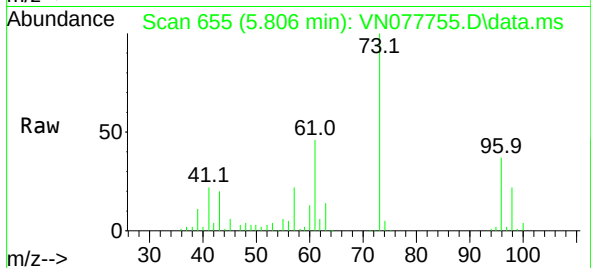
Tgt Ion: 84 Resp: 94192
Ion Ratio Lower Upper
84 100
49 101.1 79.7 119.5
51 32.1 25.2 37.8
86 66.5 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.302 ug/l
RT: 5.806 min Scan# 653
Delta R.T. 0.012 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

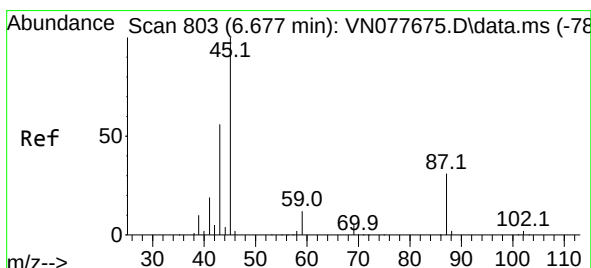
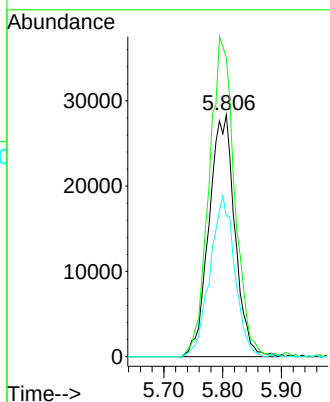
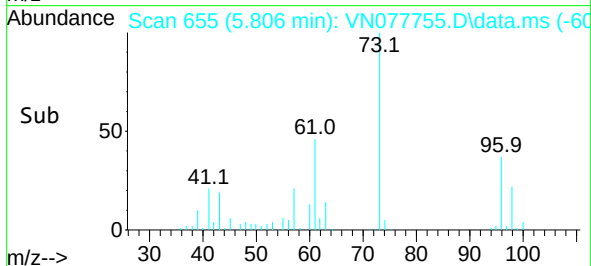
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion: 96 Resp: 86618
Ion Ratio Lower Upper
96 100
61 123.3 90.1 135.1
98 58.3 46.4 69.6

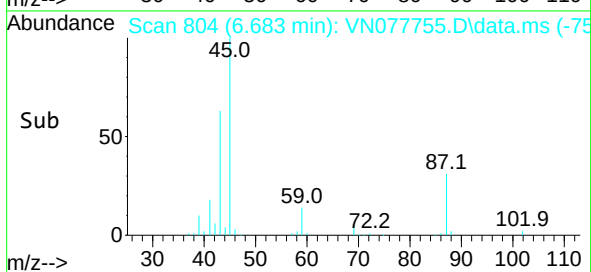
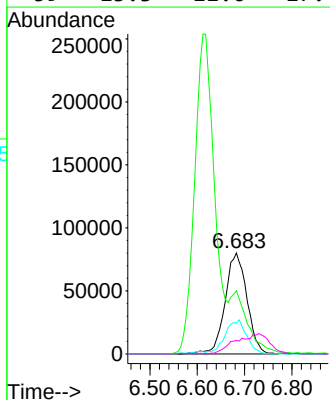
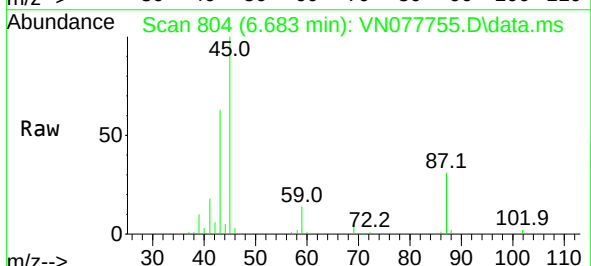
Manual Integrations
APPROVED

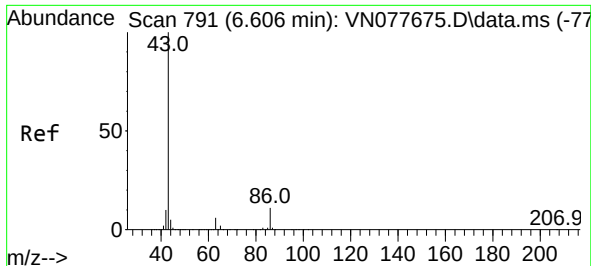
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#22
Diisopropyl ether
Concen: 17.658 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

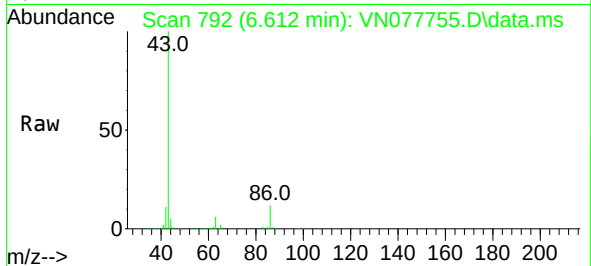
Tgt Ion: 45 Resp: 256169
Ion Ratio Lower Upper
45 100
43 60.7 45.5 68.3
87 30.4 31.8 47.8#
59 13.3 11.6 17.4





#23
 Vinyl Acetate
 Concen: 82.860 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077755.D
 Acq: 19 May 2023 11:30

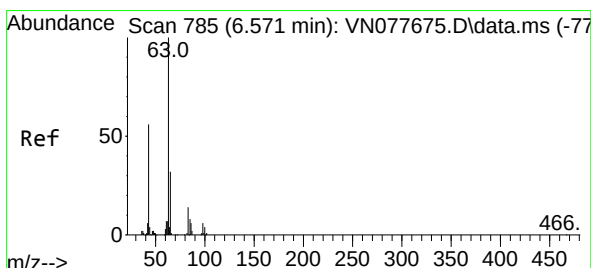
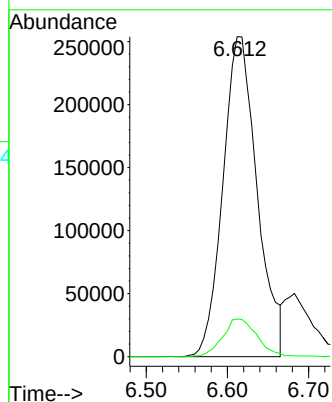
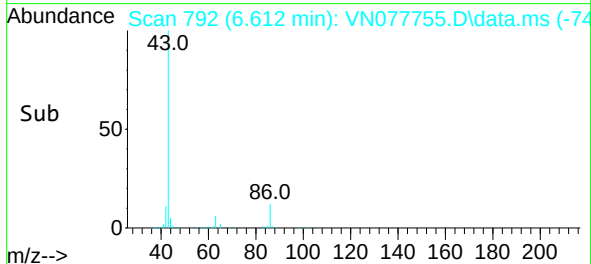
Instrument :
 MSVOA_N
 Client Sample Id :
 VN0519WBS01



Tgt Ion: 43 Resp: 744790
 Ion Ratio Lower Upper
 43 100
 86 11.7 13.0 19.6

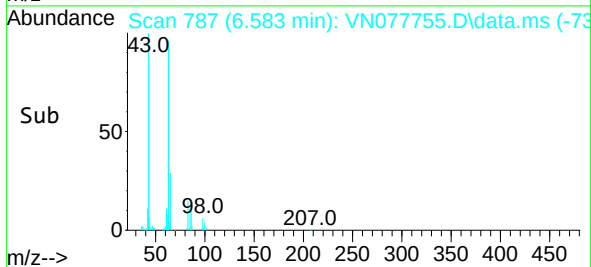
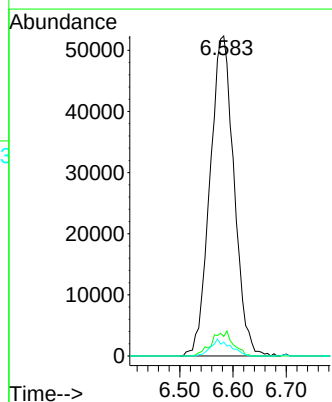
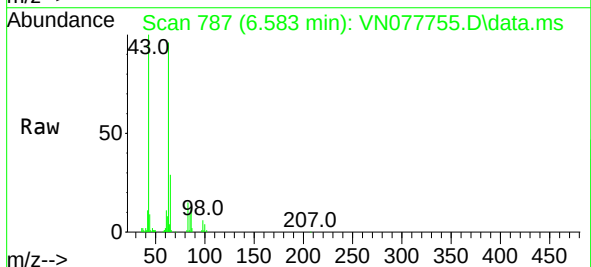
Manual Integrations
 APPROVED

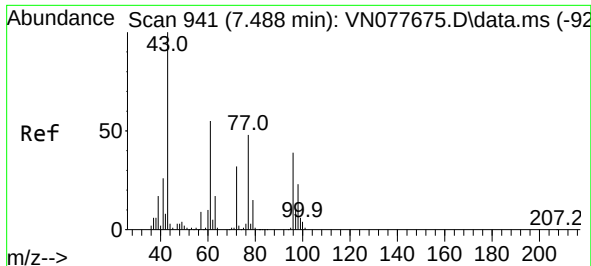
Reviewed By :John Carlone 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023



#24
 1,1-Dichloroethane
 Concen: 18.479 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.012 min
 Lab File: VN077755.D
 Acq: 19 May 2023 11:30

Tgt Ion: 63 Resp: 164236
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.9 11.7
 100 4.3 2.5 7.4





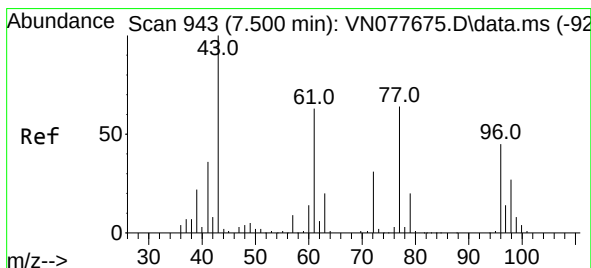
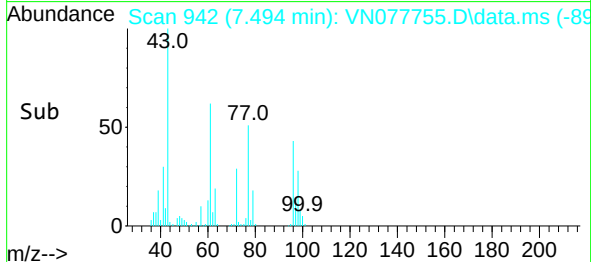
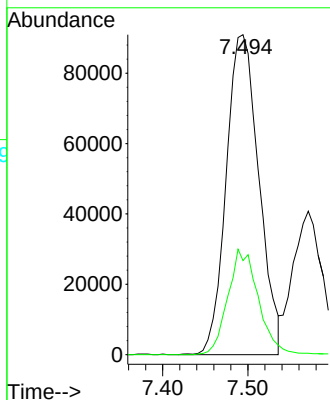
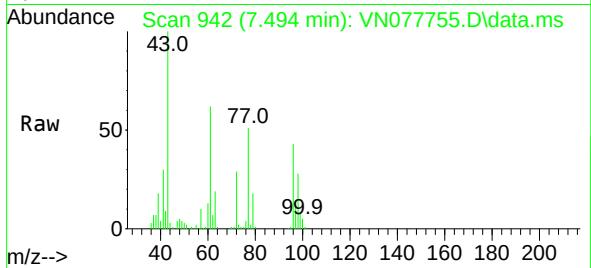
#25
2-Butanone
Concen: 82.252 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

Tgt Ion: 43 Resp: 242625
Ion Ratio Lower Upper
43 100
72 29.4 30.2 45.2

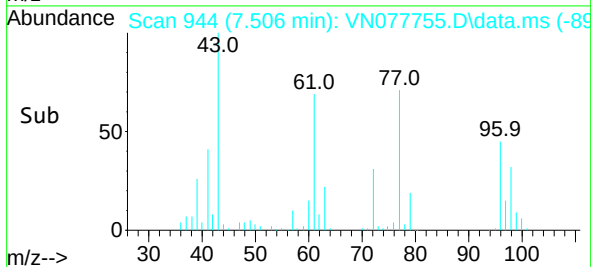
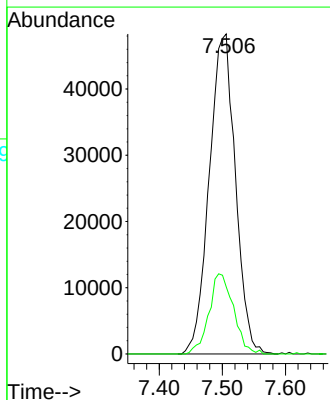
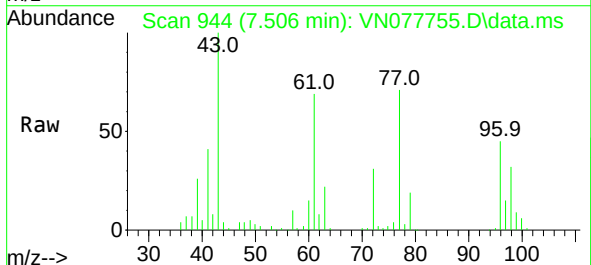
Manual Integrations
APPROVED

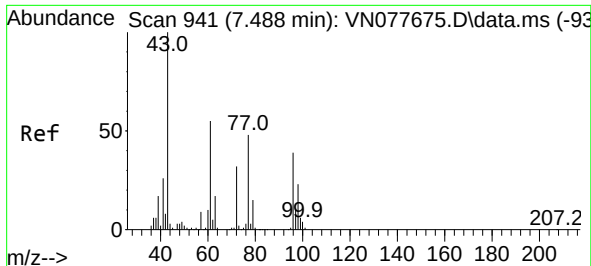
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#26
2,2-Dichloropropane
Concen: 18.393 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

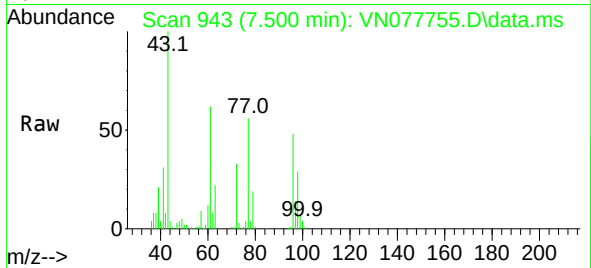
Tgt Ion: 77 Resp: 138881
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.248 ug/l
 RT: 7.500 min Scan# 941
 Delta R.T. 0.012 min
 Lab File: VN077755.D
 Acq: 19 May 2023 11:30

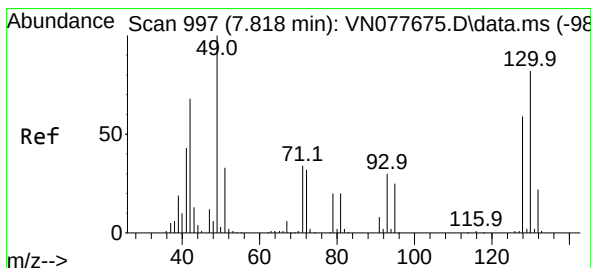
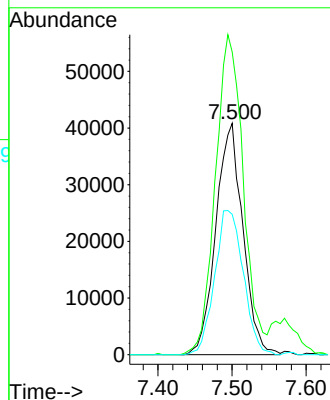
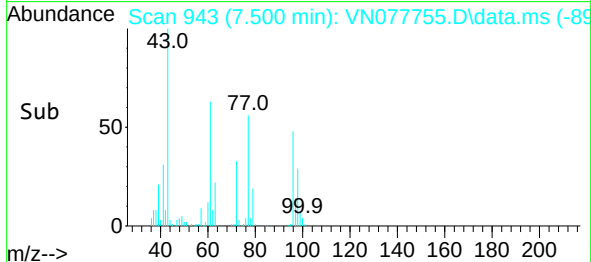
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBS01



Tgt Ion: 96 Resp: 103550
 Ion Ratio Lower Upper
 96 100
 61 142.8 0.0 255.2
 98 66.0 0.0 128.8

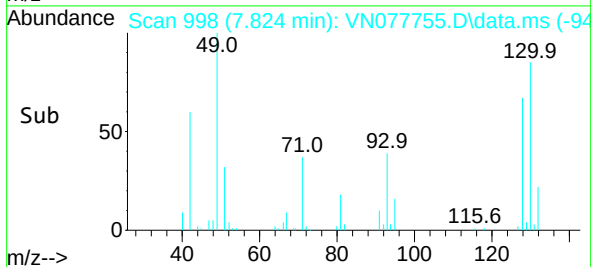
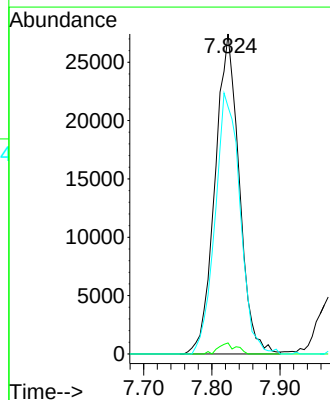
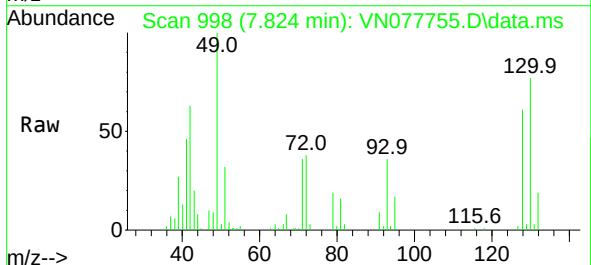
Manual Integrations
 APPROVED

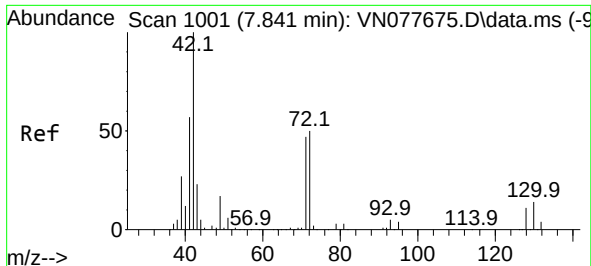
Reviewed By :John Carlone 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023



#28
 Bromochloromethane
 Concen: 17.651 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN077755.D
 Acq: 19 May 2023 11:30

Tgt Ion: 49 Resp: 67849
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 84.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 81.480 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.012 min

Lab File: VN077755.D

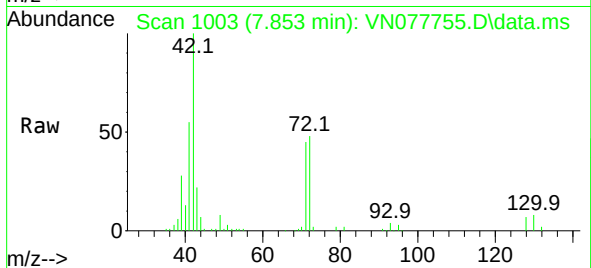
Acq: 19 May 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBS01



Tgt Ion: 42 Resp: 157378

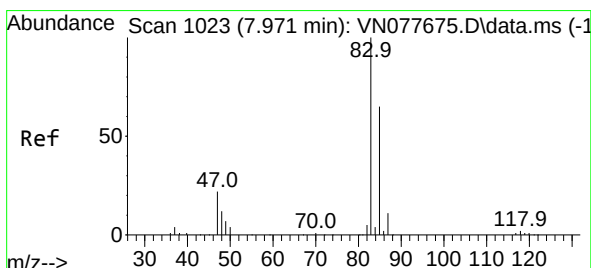
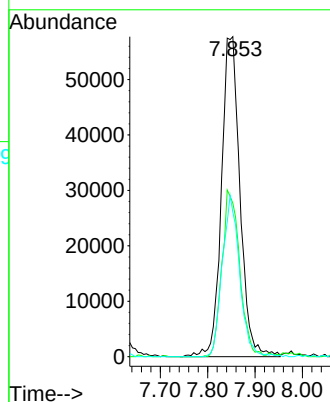
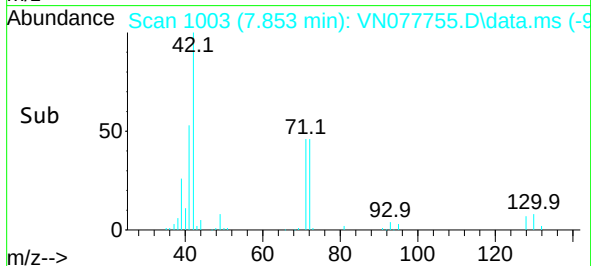
Ion	Ratio	Lower	Upper
42	100		
72	49.8	49.8	74.6
71	47.0	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#30

Chloroform

Concen: 18.114 ug/l

RT: 7.977 min Scan# 1024

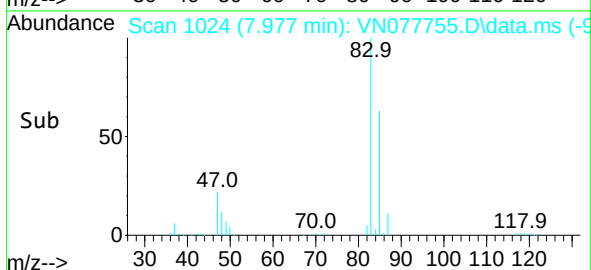
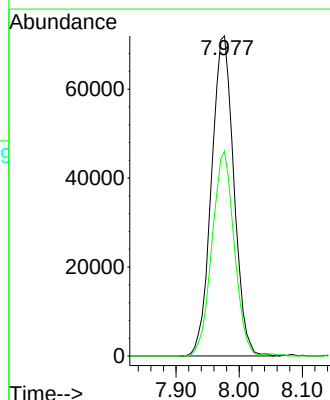
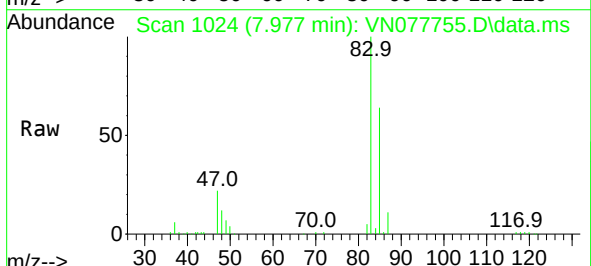
Delta R.T. 0.006 min

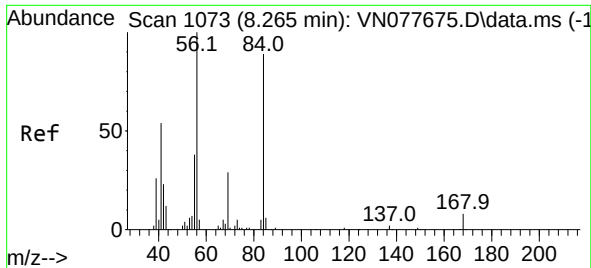
Lab File: VN077755.D

Acq: 19 May 2023 11:30

Tgt Ion: 83 Resp: 177099

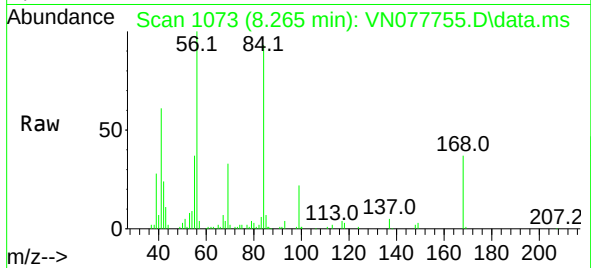
Ion	Ratio	Lower	Upper
83	100		
85	63.9	55.4	83.0





#31
Cyclohexane
Concen: 17.495 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

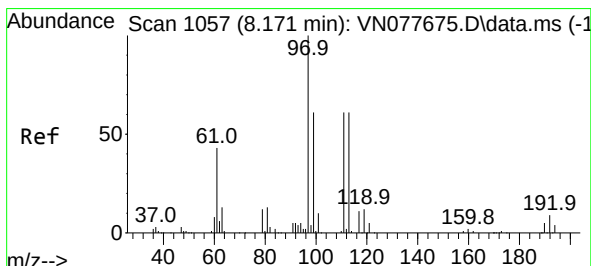
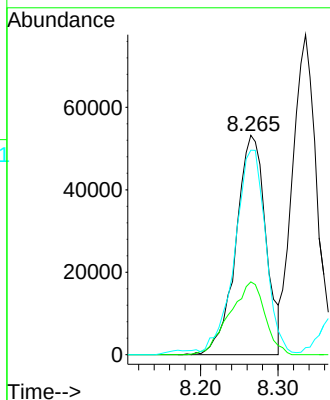
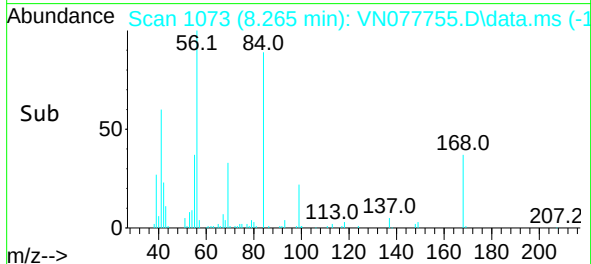
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



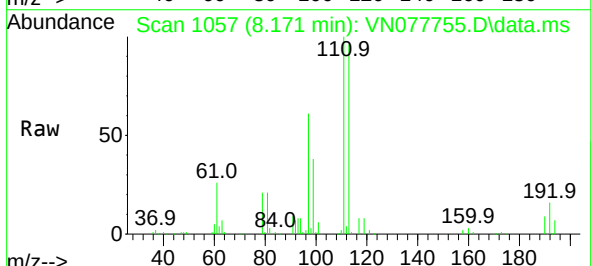
Tgt Ion: 56 Resp: 142520
Ion Ratio Lower Upper
56 100
69 33.2 26.8 40.2
84 91.2 81.8 122.6

Manual Integrations
APPROVED

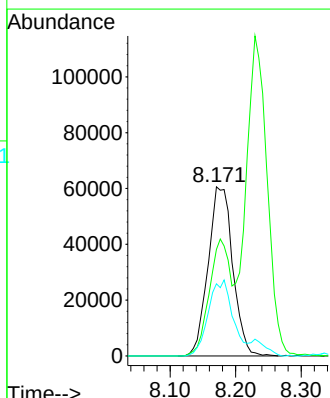
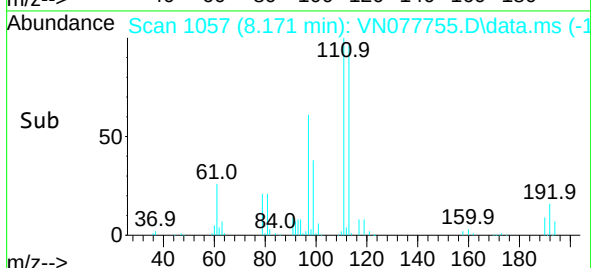
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

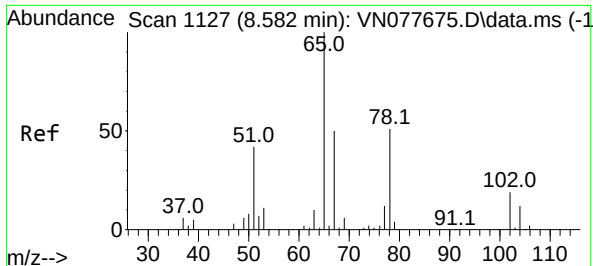


#32
1,1,1-Trichloroethane
Concen: 19.051 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30



Tgt Ion: 97 Resp: 158358
Ion Ratio Lower Upper
97 100
99 57.7 50.3 75.5
61 44.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.093 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBS01

Tgt Ion: 65 Resp: 28825

Ion Ratio Lower Upper

65 100

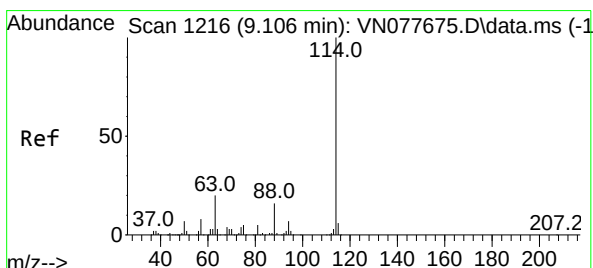
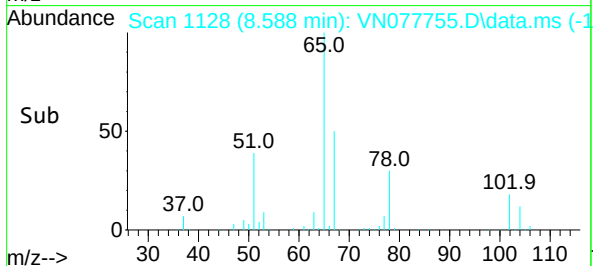
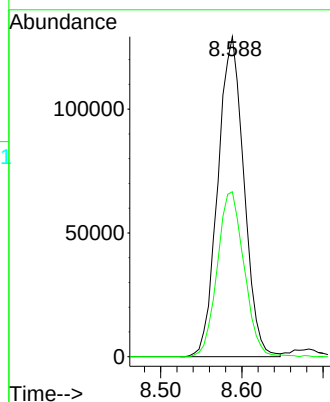
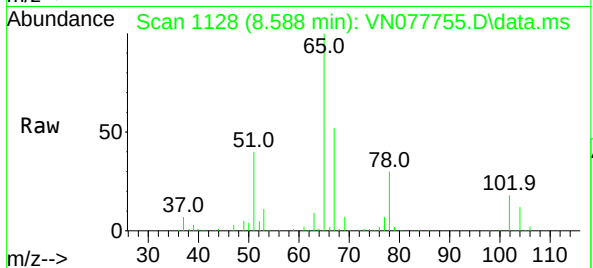
67 53.0 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

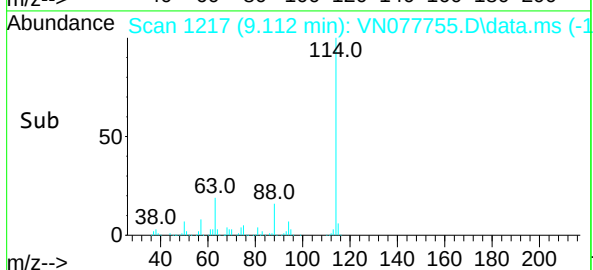
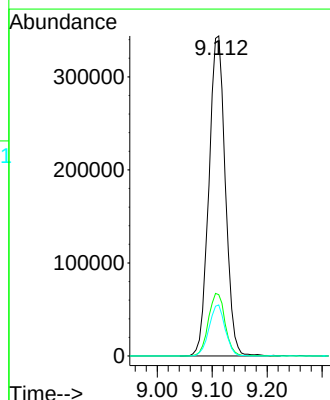
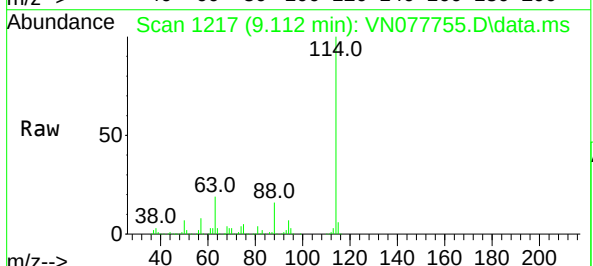
Tgt Ion:114 Resp: 714369

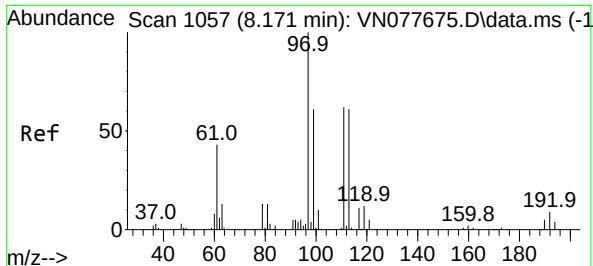
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.204 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBS01

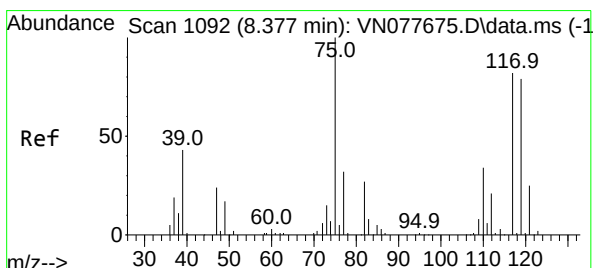
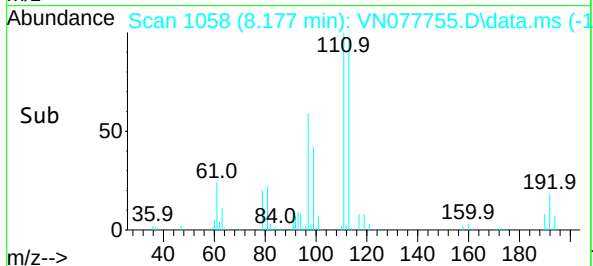
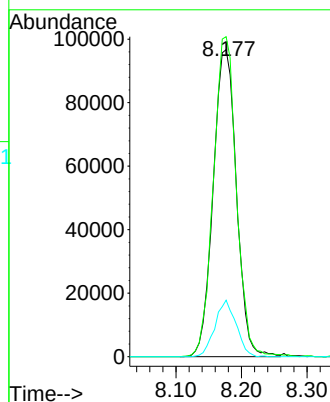
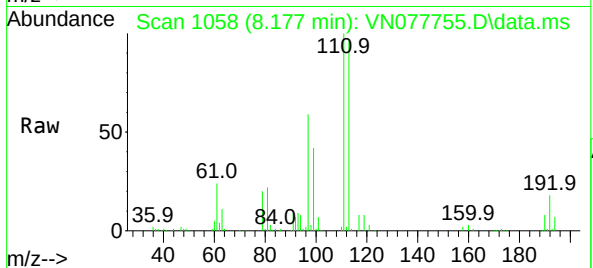
Tgt Ion:	113	Resp:	238520
Ion Ratio	Lower	Upper	
113	100		
111	102.9	82.6	123.8
192	16.8	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#36

1,1-Dichloropropene

Concen: 18.734 ug/l

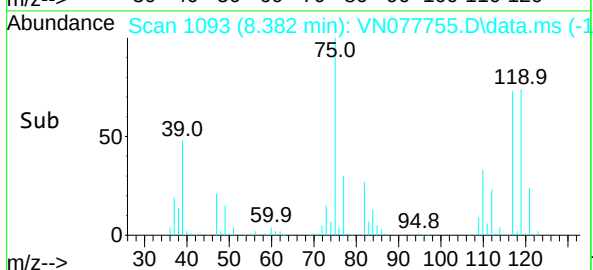
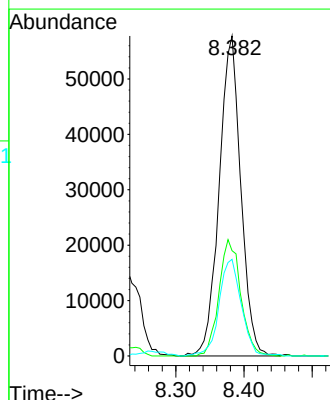
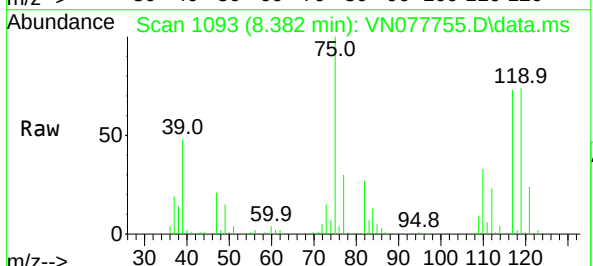
RT: 8.382 min Scan# 1093

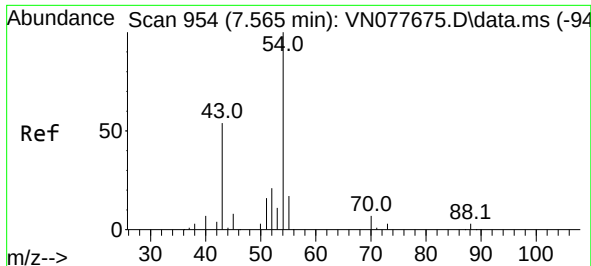
Delta R.T. 0.005 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

Tgt Ion:	75	Resp:	127643
Ion Ratio	Lower	Upper	
75	100		
110	36.7	19.1	57.3
77	31.2	25.0	37.4





#37

Ethyl Acetate

Concen: 16.497 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBS01

Tgt Ion: 43 Resp: 10018

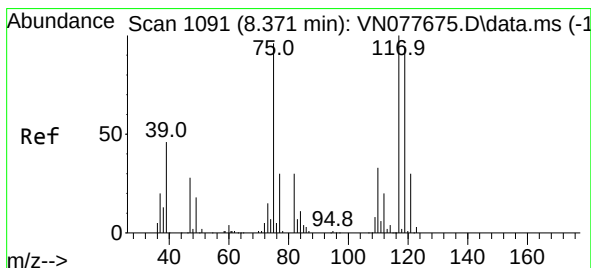
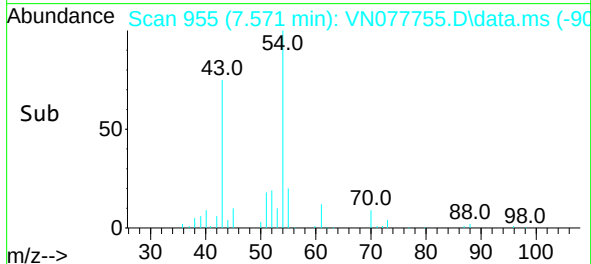
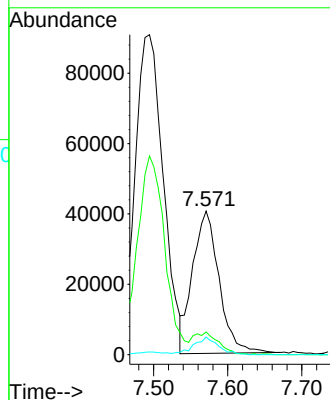
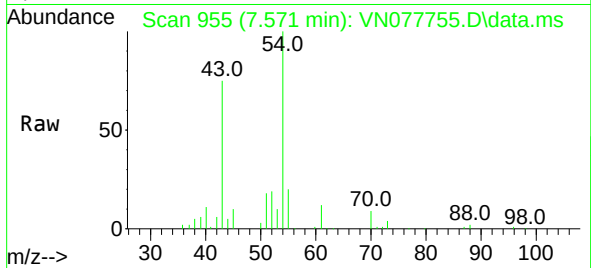
Ion	Ratio	Lower	Upper
43	100		
61	14.8	13.2	19.8
70	11.5	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#38

Carbon Tetrachloride

Concen: 19.781 ug/l

RT: 8.371 min Scan# 1091

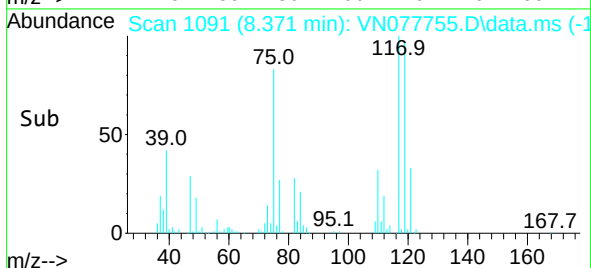
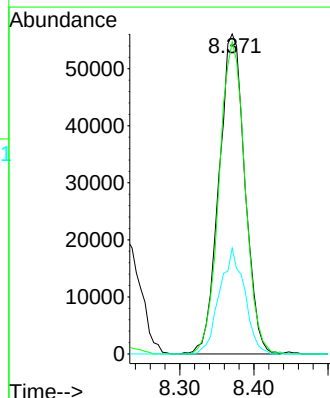
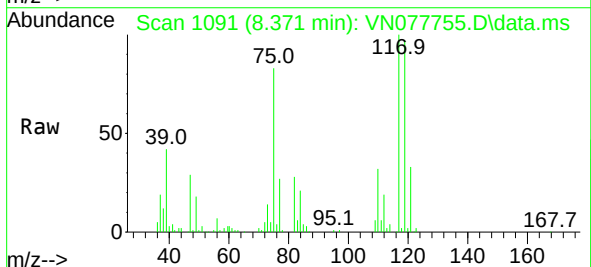
Delta R.T. -0.000 min

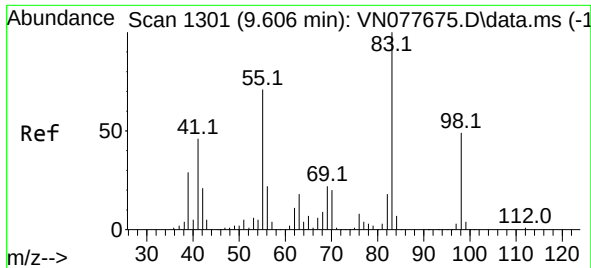
Lab File: VN077755.D

Acq: 19 May 2023 11:30

Tgt Ion:117 Resp: 136097

Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.3	115.9
121	33.1	23.3	34.9





#39

Methylcyclohexane

Concen: 18.341 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBS01

Tgt Ion: 83 Resp: 152990

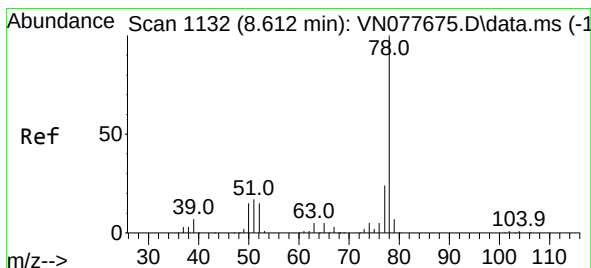
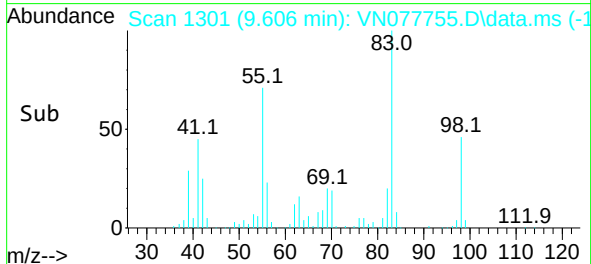
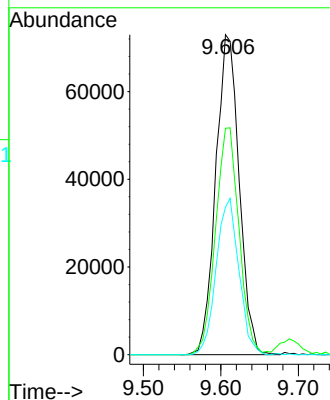
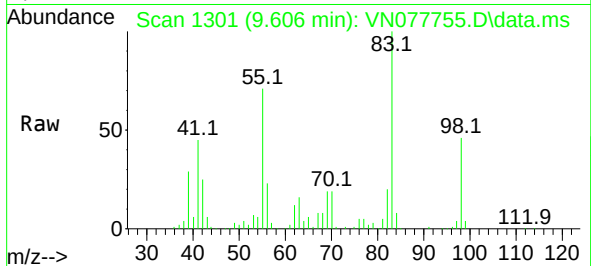
Ion	Ratio	Lower	Upper
83	100		
55	70.7	49.1	73.7
98	46.1	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#40

Benzene

Concen: 19.230 ug/l

RT: 8.618 min Scan# 1133

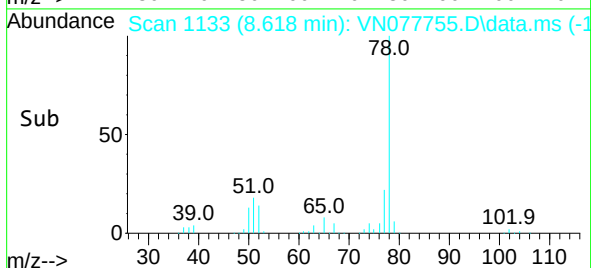
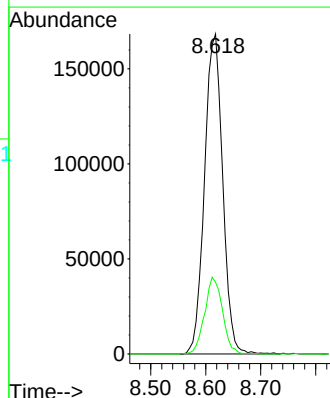
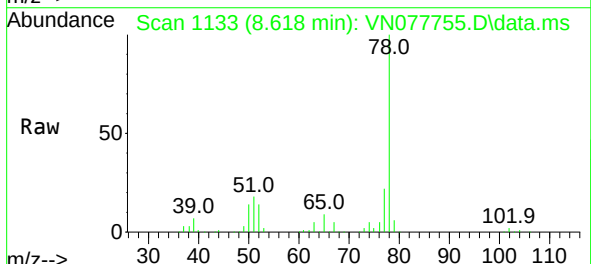
Delta R.T. 0.006 min

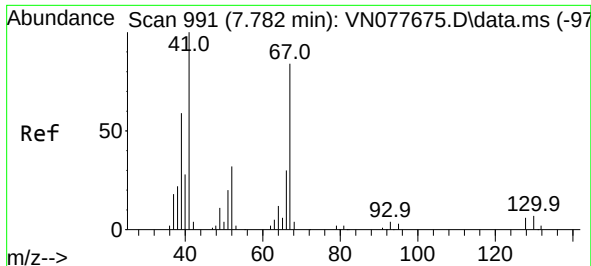
Lab File: VN077755.D

Acq: 19 May 2023 11:30

Tgt Ion: 78 Resp: 386643

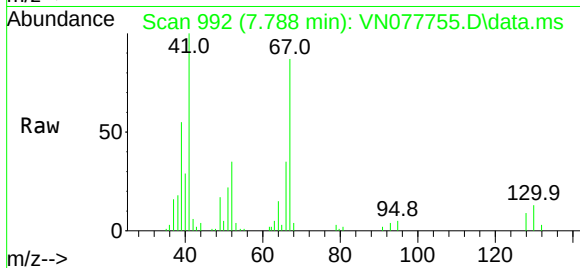
Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.0	28.6





#41
Methacrylonitrile
Concen: 18.008 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

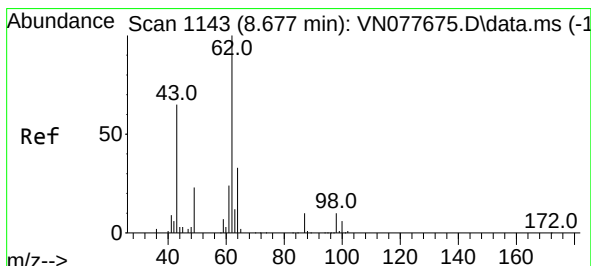
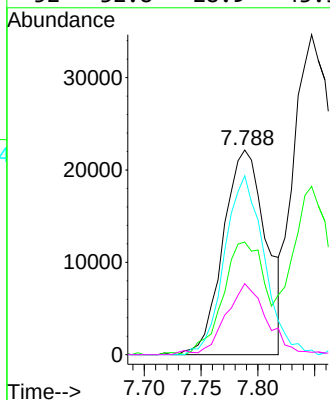
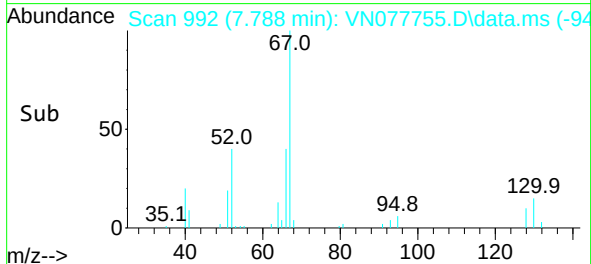
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



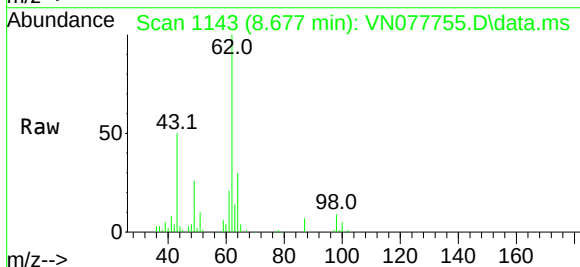
Tgt Ion: 41 Resp: 5824
Ion Ratio Lower Upper
41 100
39 52.8 42.6 64.0
67 80.6 77.5 116.3
52 32.8 28.9 43.3

Manual Integrations
APPROVED

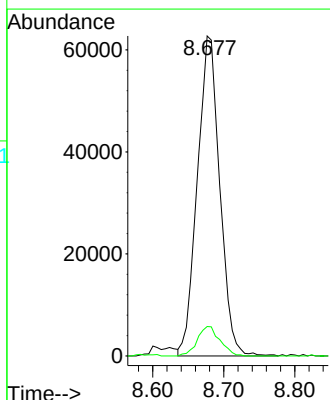
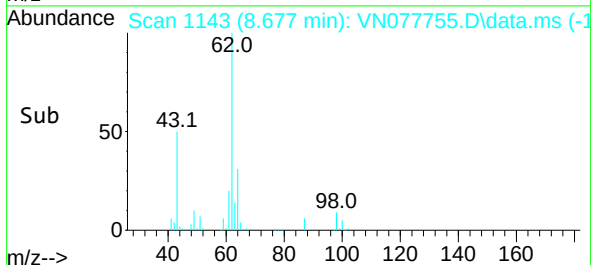
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

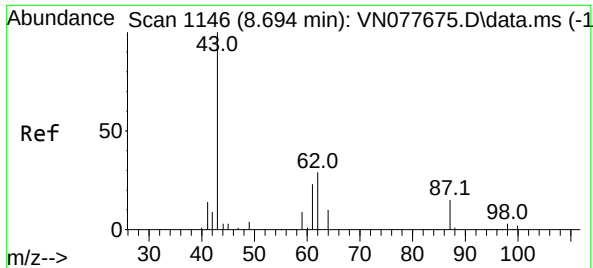


#42
1,2-Dichloroethane
Concen: 18.898 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30



Tgt Ion: 62 Resp: 138030
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.8





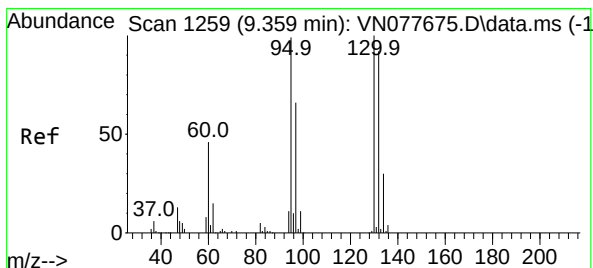
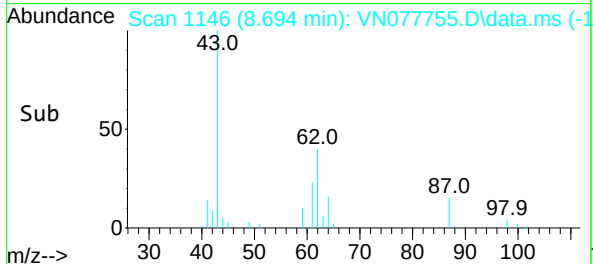
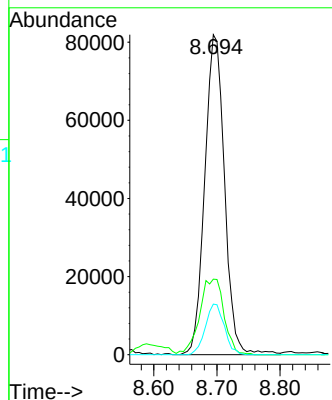
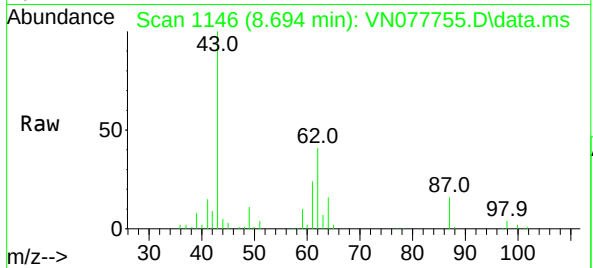
#43
Isopropyl Acetate
Concen: 18.007 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

Tgt Ion: 43 Resp: 178618
Ion Ratio Lower Upper
43 100
61 29.2 24.7 37.1
87 15.1 14.6 21.8

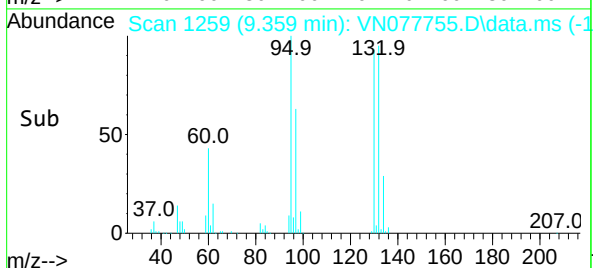
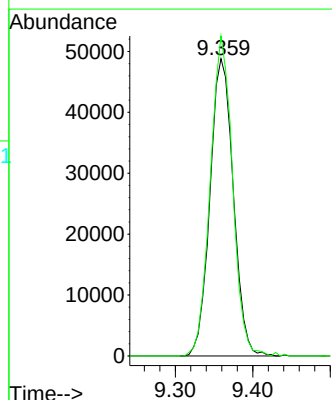
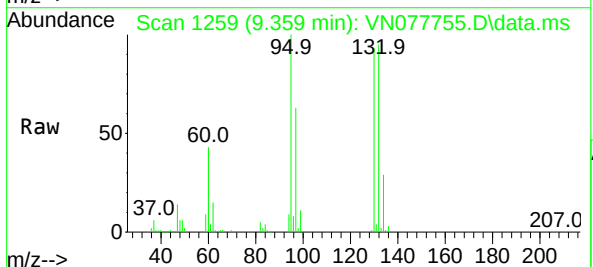
Manual Integrations
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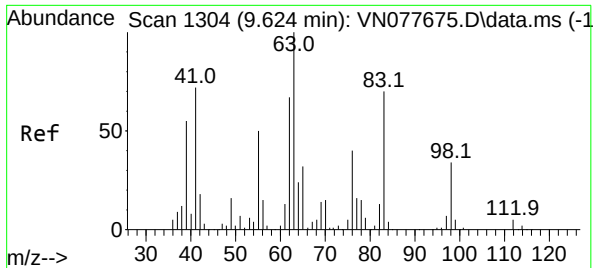
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#44
Trichloroethene
Concen: 20.004 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion:130 Resp: 101845
Ion Ratio Lower Upper
130 100
95 107.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.674 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.005 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBS01

Tgt Ion: 63 Resp: 100898

Ion Ratio Lower Upper

63 100

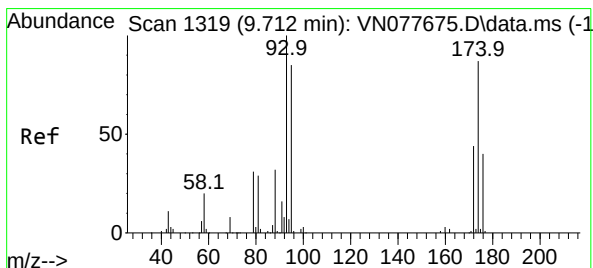
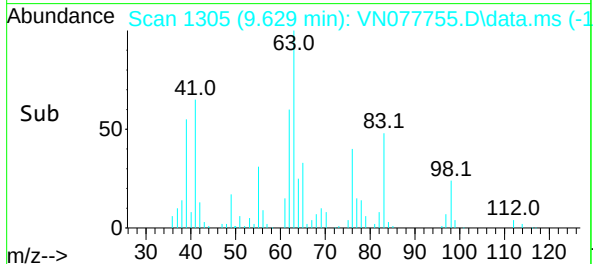
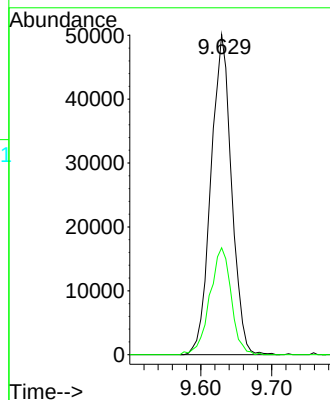
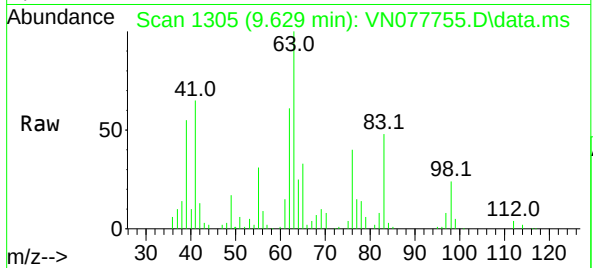
65 33.4 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#46

Dibromomethane

Concen: 18.018 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

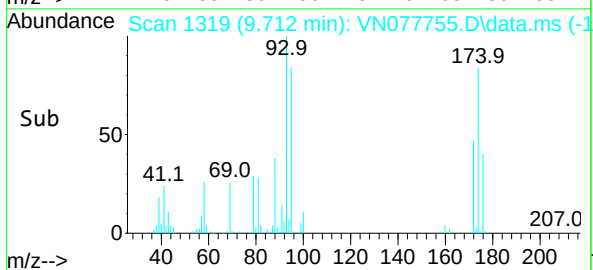
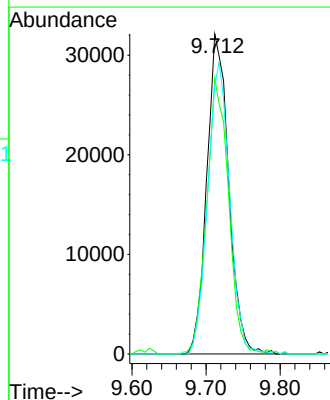
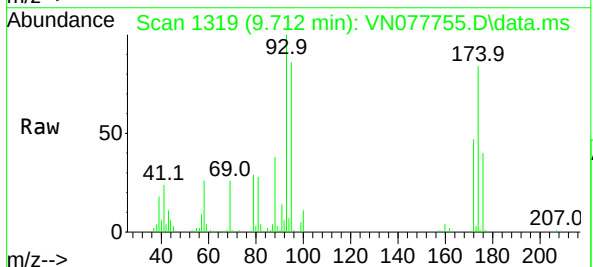
Tgt Ion: 93 Resp: 66123

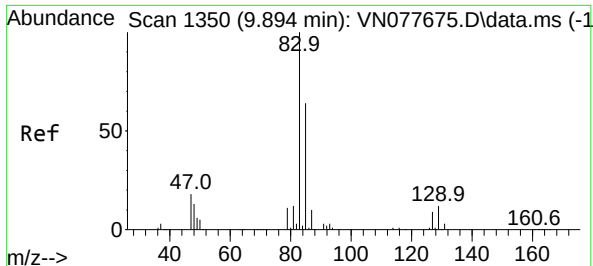
Ion Ratio Lower Upper

93 100

95 85.7 63.8 95.8

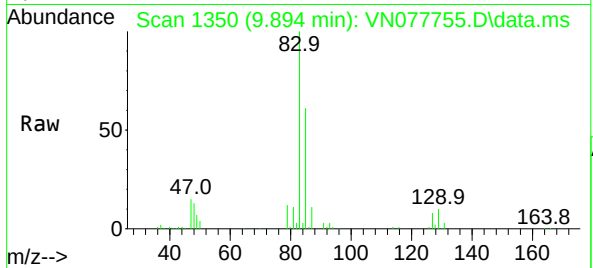
174 91.8 65.6 98.4





#47
Bromodichloromethane
Concen: 20.048 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

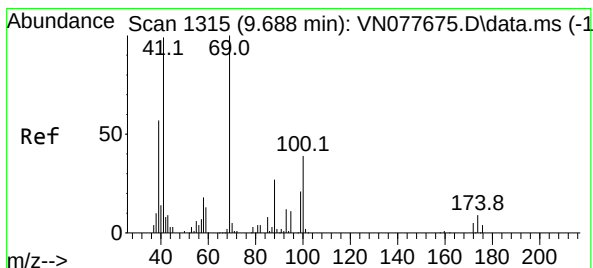
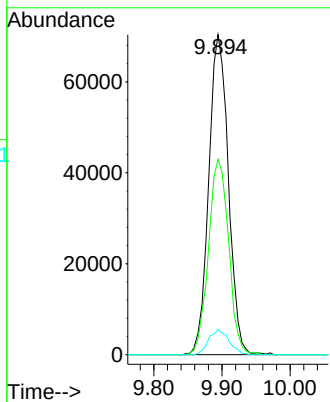
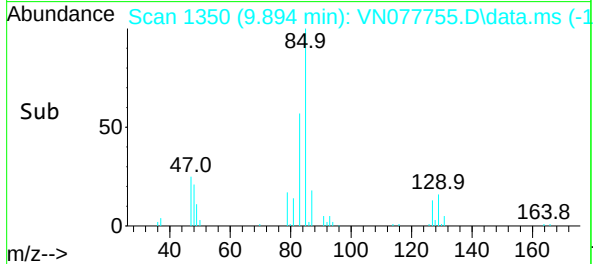
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion: 83 Resp: 140858
Ion Ratio Lower Upper
83 100
85 61.1 49.6 74.4
127 7.8 7.0 10.6

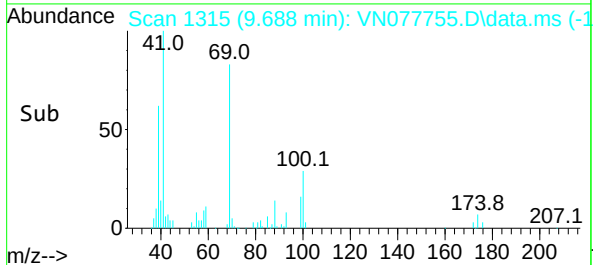
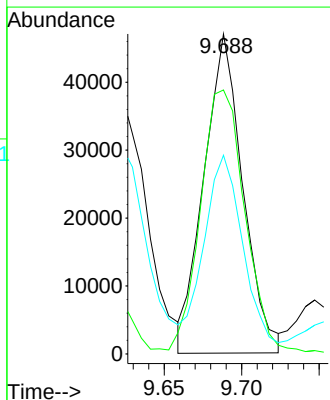
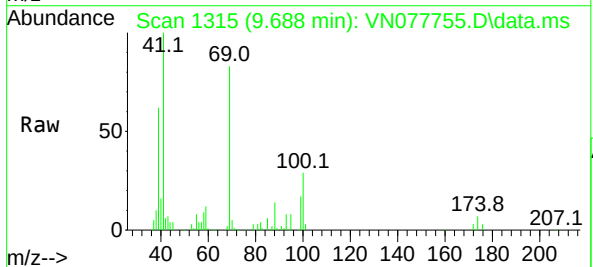
Manual Integrations
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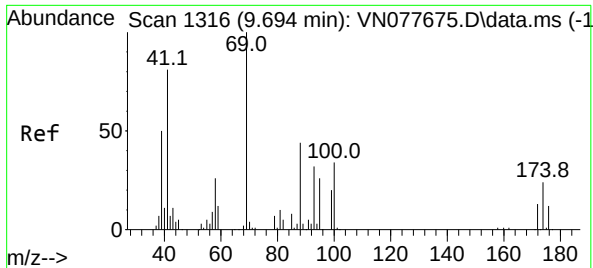
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#48
Methyl methacrylate
Concen: 17.416 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion: 41 Resp: 81906
Ion Ratio Lower Upper
41 100
69 94.3 90.4 135.6
39 63.8 54.6 81.8





#49

1,4-Dioxane

Concen: 343.395 ug/l

RT: 9.706 min Scan# 1316

Delta R.T. 0.012 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBS01

Tgt Ion: 88 Resp: 3050

Ion Ratio Lower Upper

88 100

43 25.4 17.0 25.6

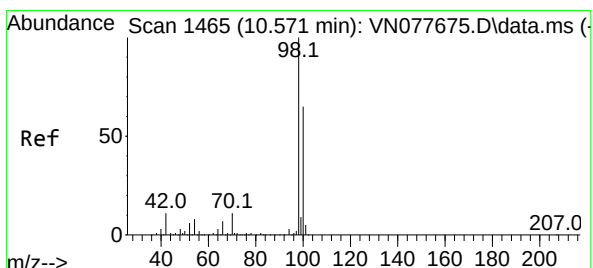
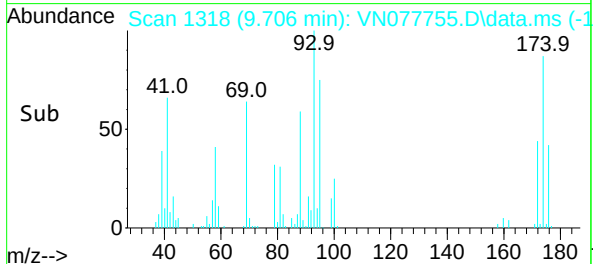
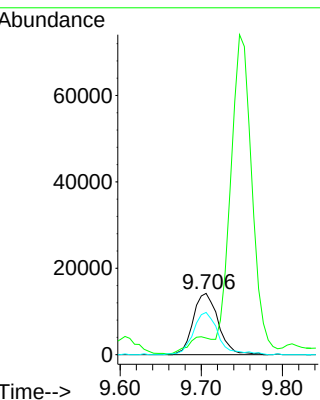
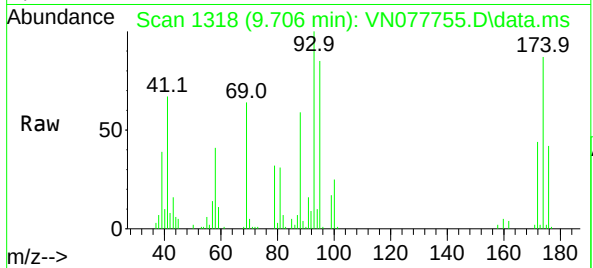
58 69.0 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#50

Toluene-d8

Concen: 50.233 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN077755.D

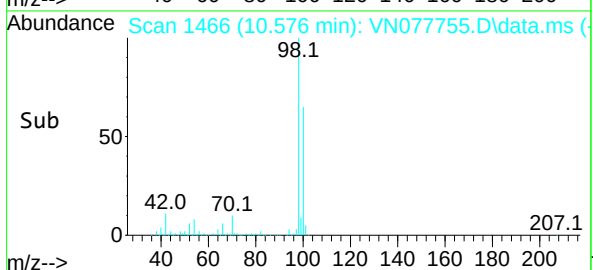
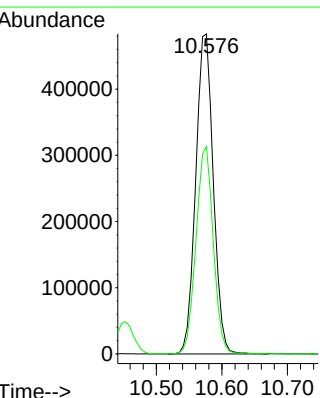
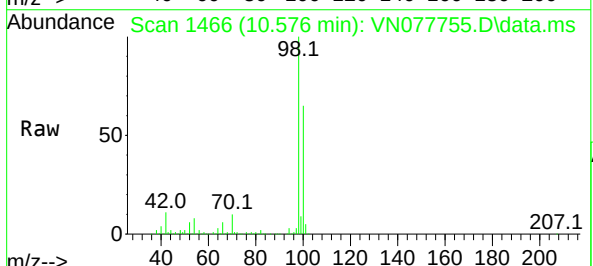
Acq: 19 May 2023 11:30

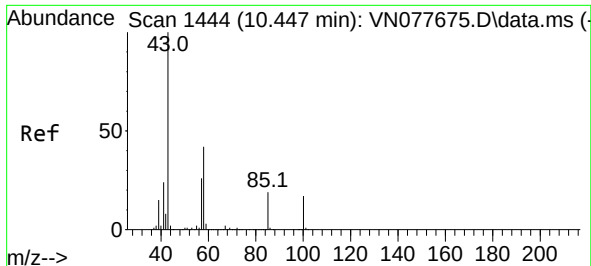
Tgt Ion: 98 Resp: 900690

Ion Ratio Lower Upper

98 100

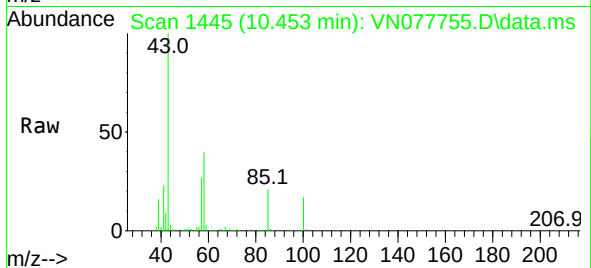
100 63.7 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 87.639 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

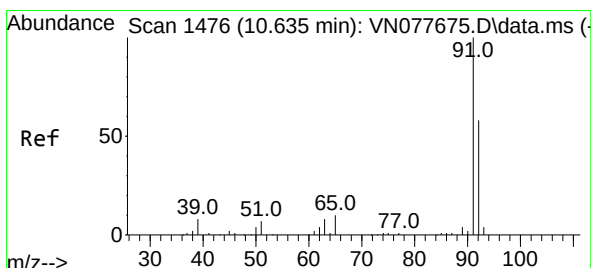
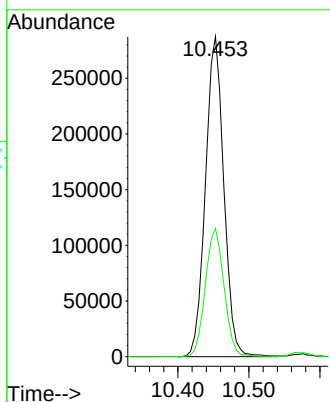
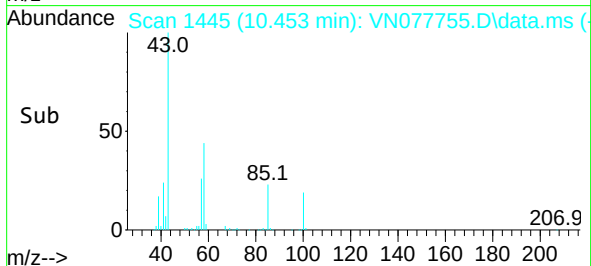
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion: 43 Resp: 51674
Ion Ratio Lower Upper
43 100
58 40.8 36.6 54.8

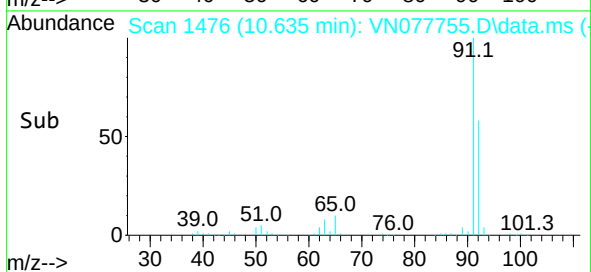
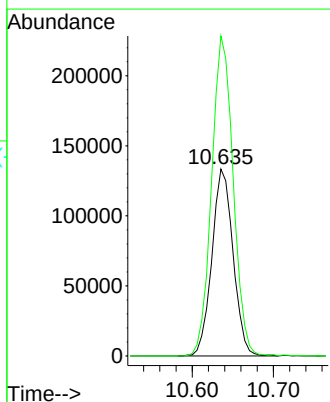
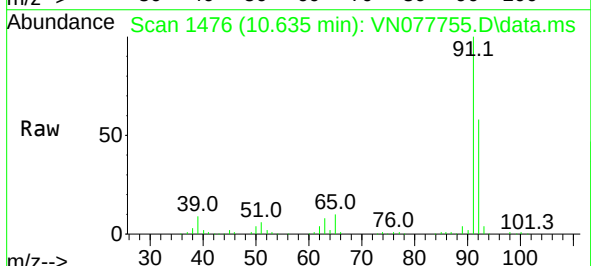
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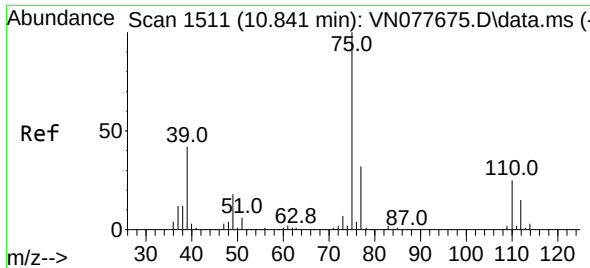
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#52
Toluene
Concen: 19.337 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

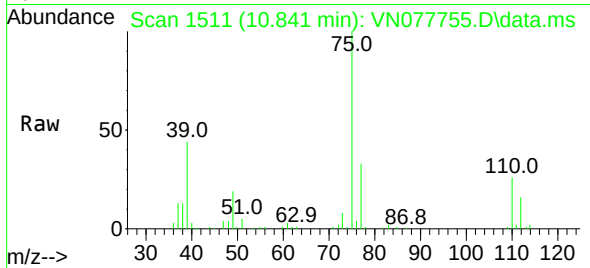
Tgt Ion: 92 Resp: 242041
Ion Ratio Lower Upper
92 100
91 174.5 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 18.289 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

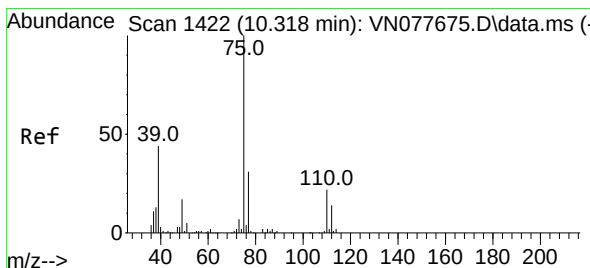
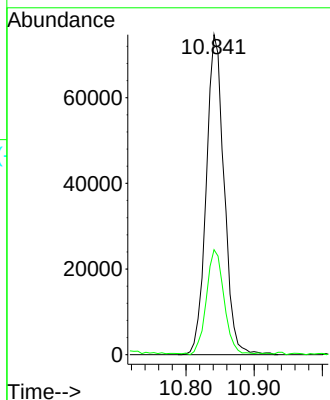
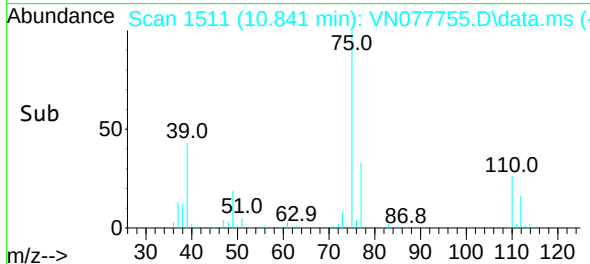
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion: 75 Resp: 136075
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0

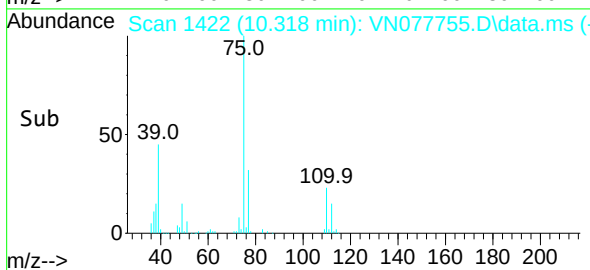
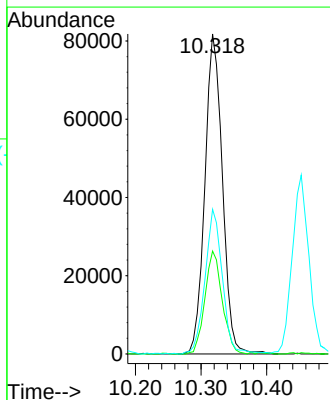
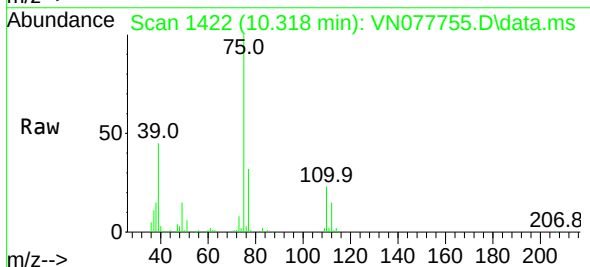
Manual Integrations
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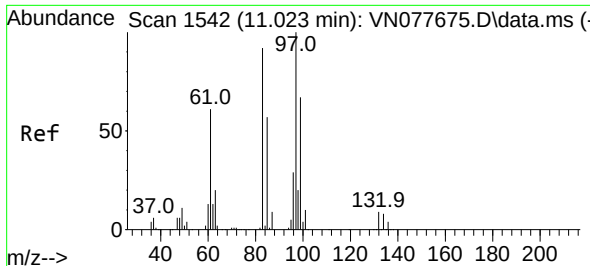
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#54
cis-1,3-Dichloropropene
Concen: 18.560 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

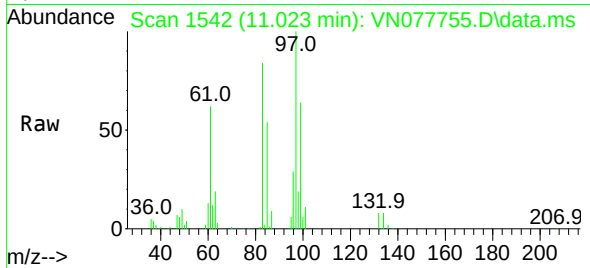
Tgt Ion: 75 Resp: 152178
Ion Ratio Lower Upper
75 100
77 32.2 26.1 39.1
39 45.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.739 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

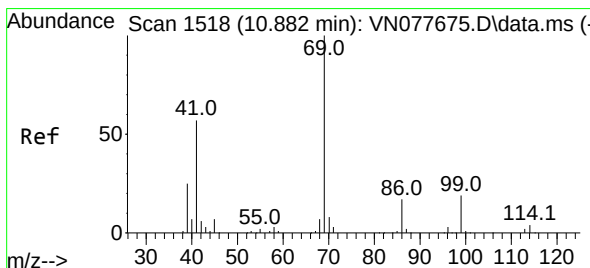
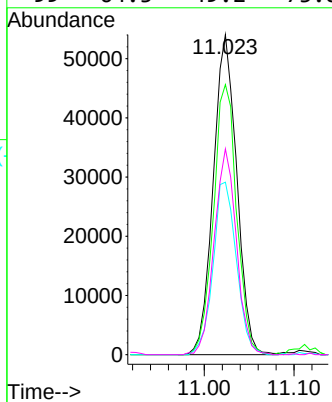
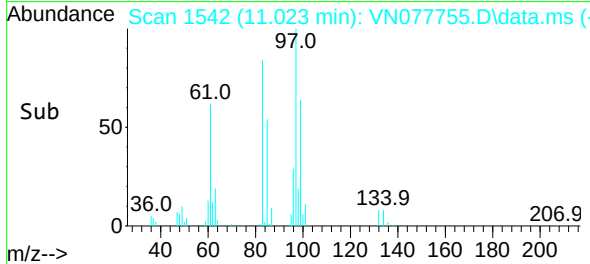
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion:	97	Resp:	98100
Ion Ratio	100	Lower	Upper
97	100		
83	84.4	65.1	97.7
85	53.9	43.4	65.2
99	64.3	49.2	73.8

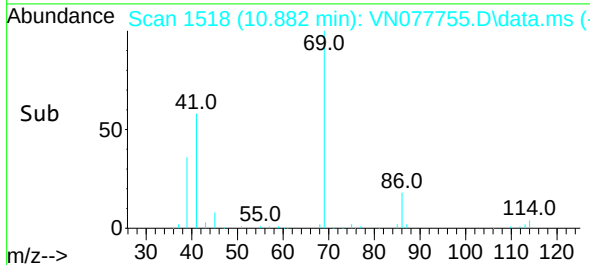
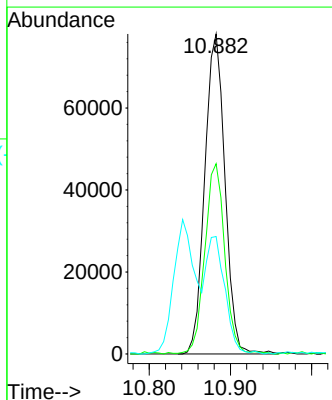
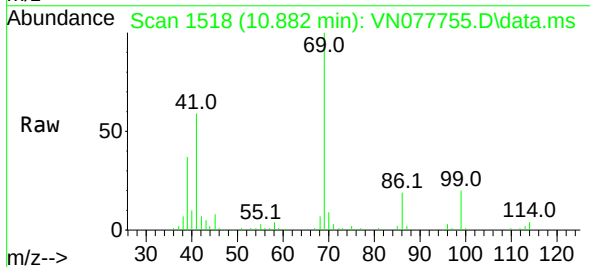
Manual Integrations
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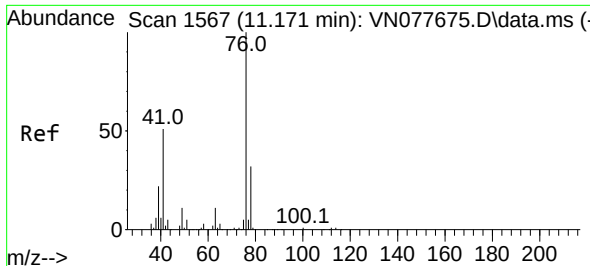
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#56
Ethyl methacrylate
Concen: 17.915 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion:	69	Resp:	134629
Ion Ratio	100	Lower	Upper
69	100		
41	59.2	39.6	59.4
39	34.1	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.006 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBS01

Tgt Ion: 76 Resp: 161940

Ion Ratio Lower Upper

76 100

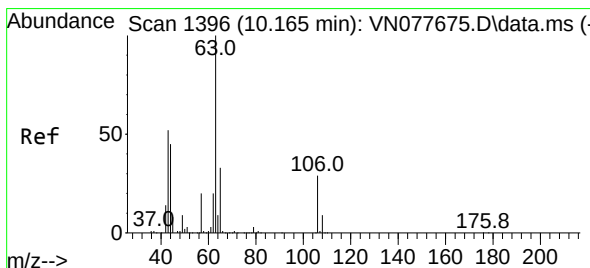
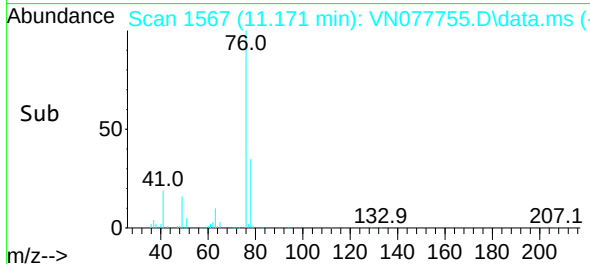
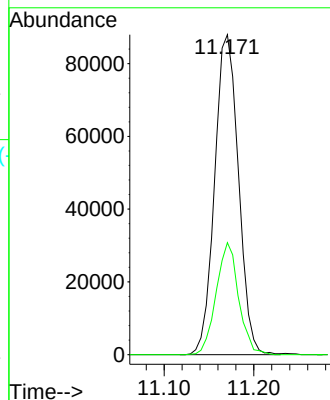
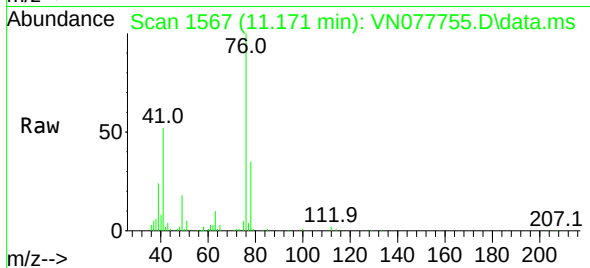
78 33.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 88.204 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077755.D

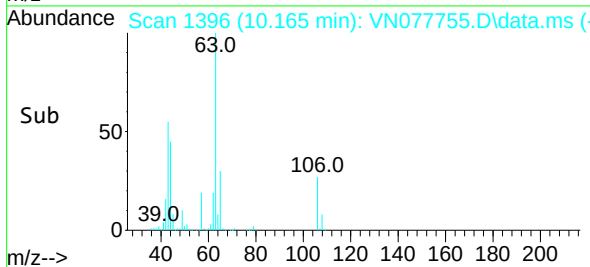
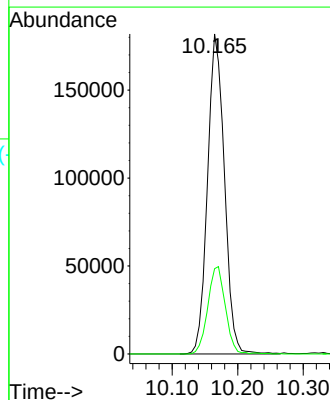
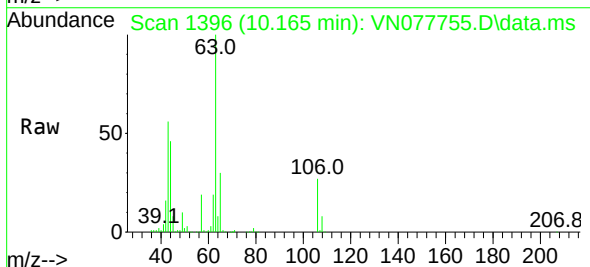
Acq: 19 May 2023 11:30

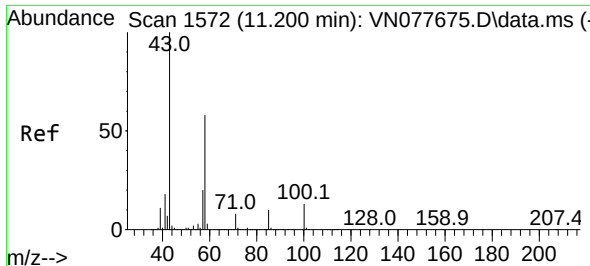
Tgt Ion: 63 Resp: 326088

Ion Ratio Lower Upper

63 100

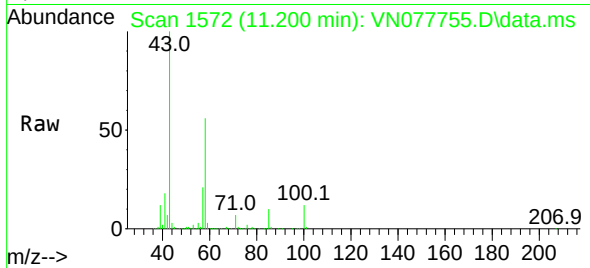
106 28.4 26.2 39.4





#59
2-Hexanone
Concen: 83.267 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

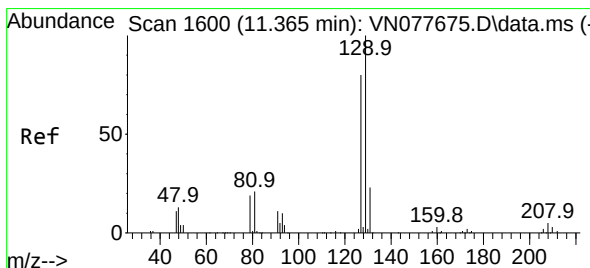
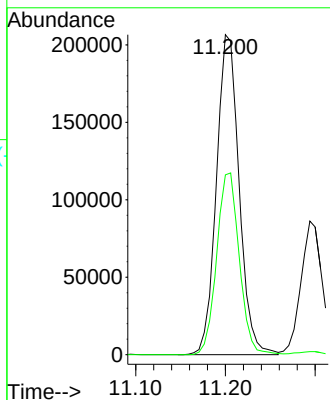
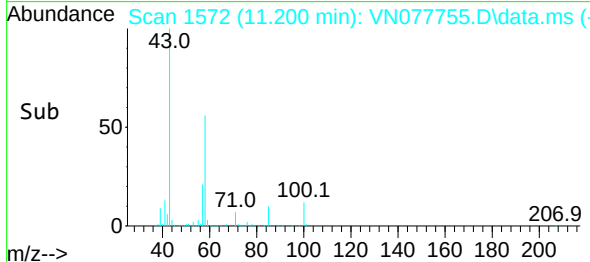
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion: 43 Resp: 363140
Ion Ratio Lower Upper
43 100
58 56.5 31.7 95.1

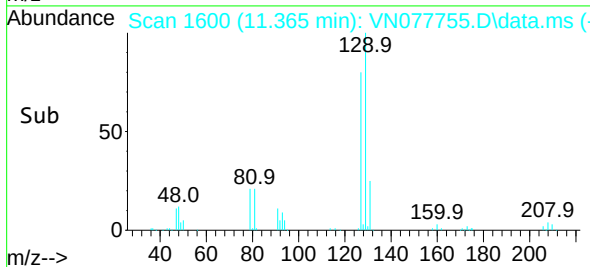
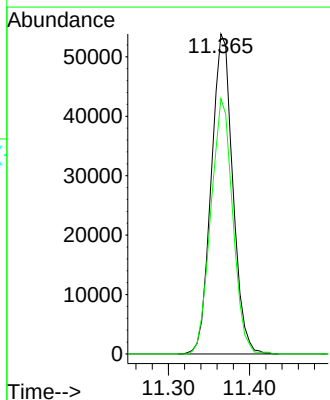
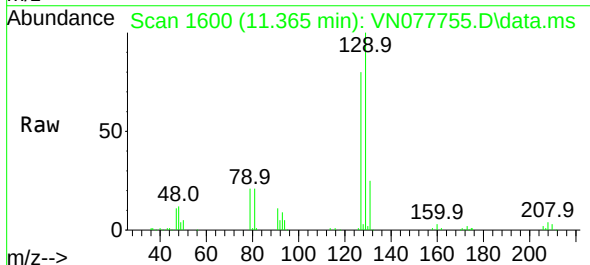
Manual Integrations
APPROVED

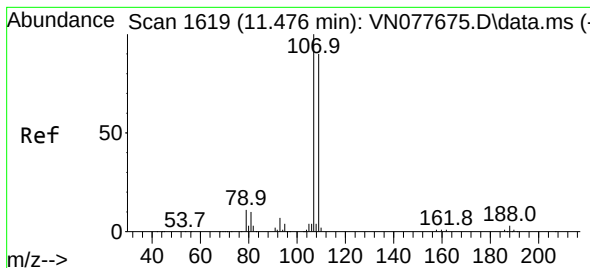
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#60
Dibromochloromethane
Concen: 19.266 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

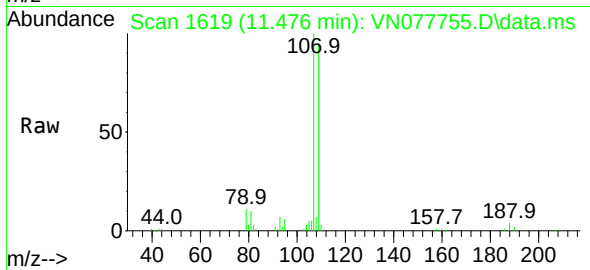
Tgt Ion:129 Resp: 98850
Ion Ratio Lower Upper
129 100
127 81.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.494 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

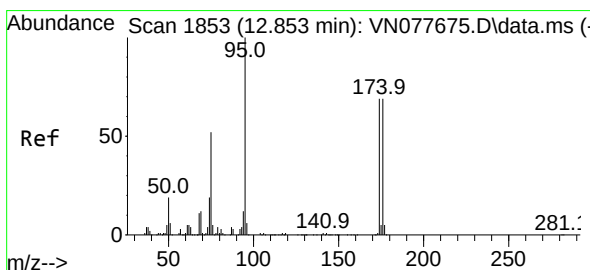
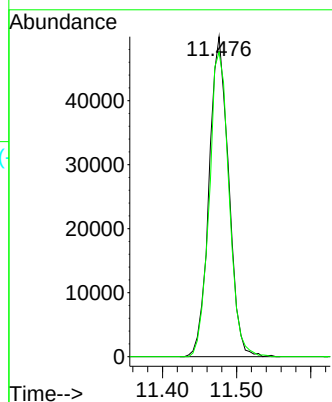
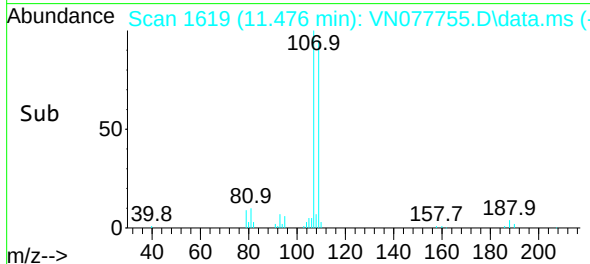
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



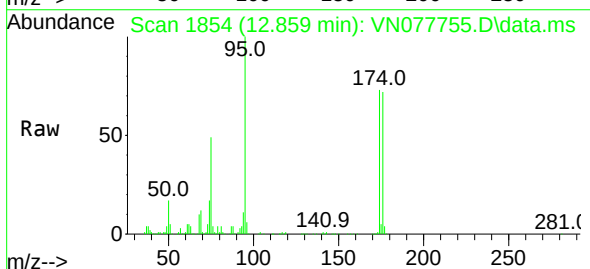
Tgt Ion:107 Resp: 91690
Ion Ratio Lower Upper
107 100
109 96.3 76.6 114.8

Manual Integrations
APPROVED

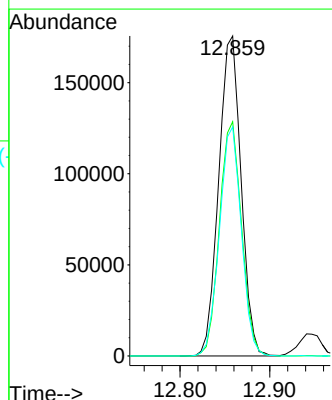
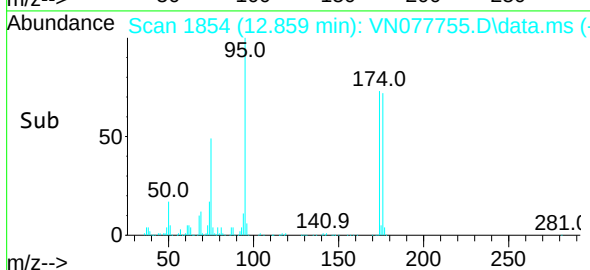
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

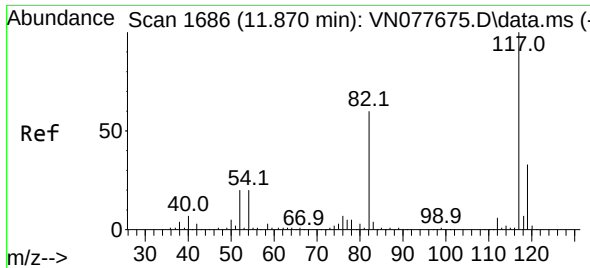


#62
4-Bromofluorobenzene
Concen: 47.993 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30



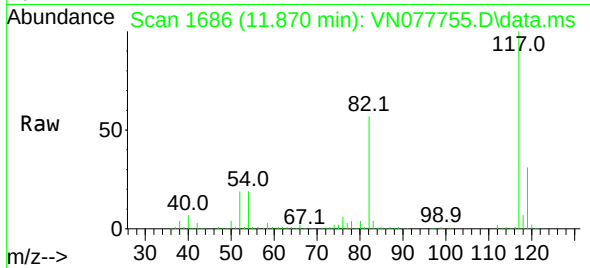
Tgt Ion: 95 Resp: 303920
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.8
176 70.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

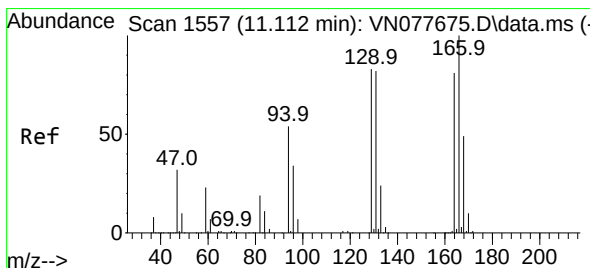
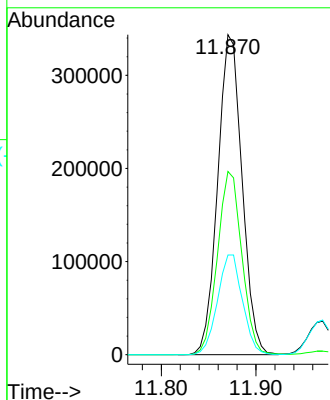
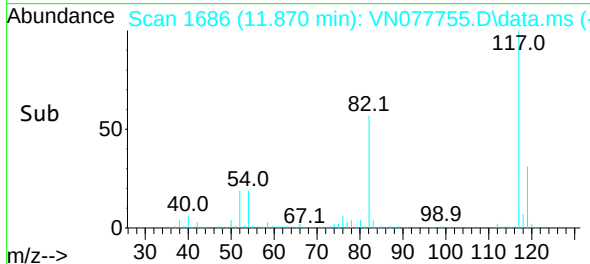
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion:117 Resp: 61416
Ion Ratio Lower Upper
117 100
82 57.2 44.0 66.0
119 31.1 25.6 38.4

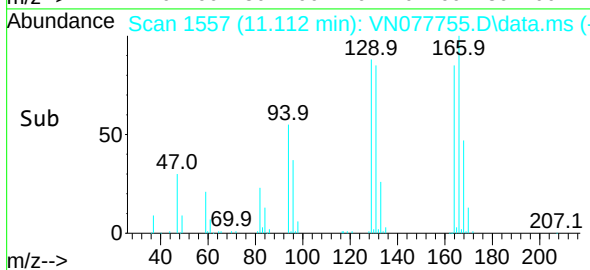
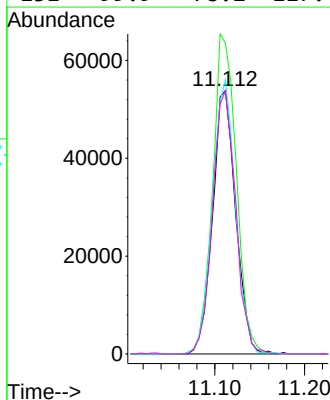
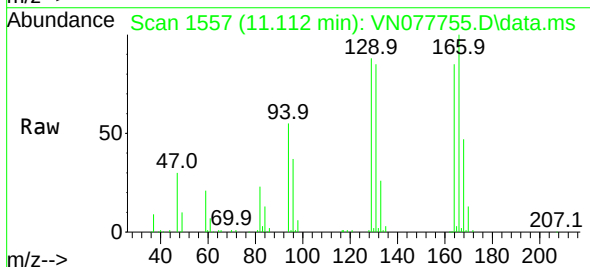
Manual Integrations
APPROVED

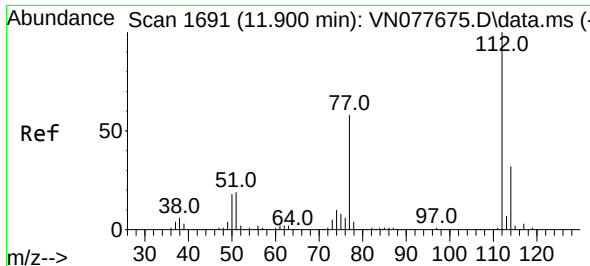
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#64
Tetrachloroethene
Concen: 22.461 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

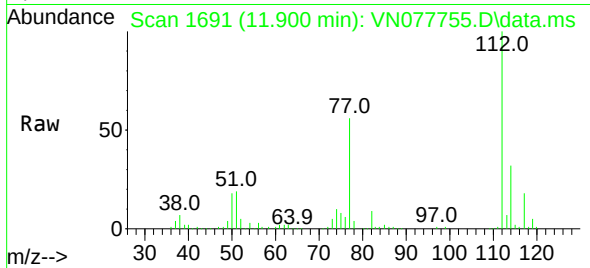
Tgt Ion:164 Resp: 96469
Ion Ratio Lower Upper
164 100
166 118.1 101.4 152.0
129 104.1 82.4 123.6
131 99.9 78.2 117.4





#65
Chlorobenzene
Concen: 19.540 ug/l
RT: 11.900 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

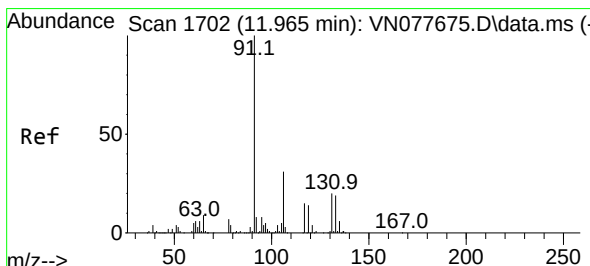
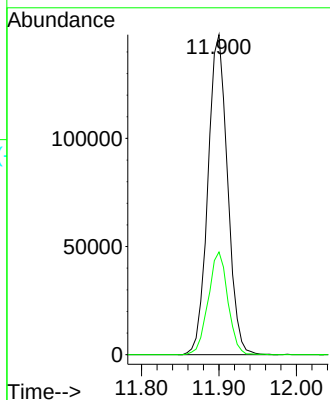
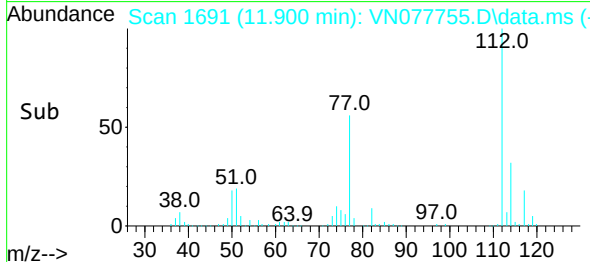
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion:112 Resp: 260160
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4

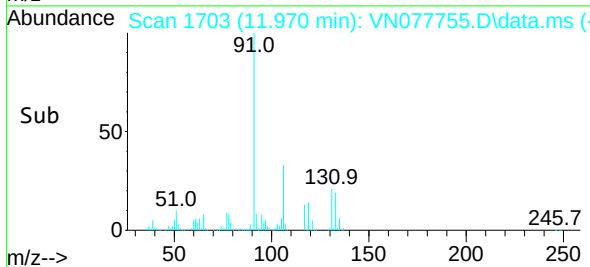
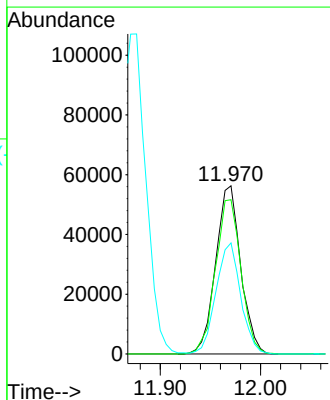
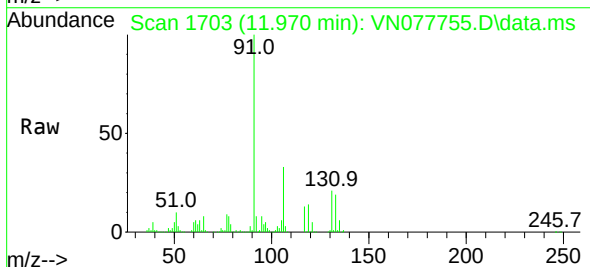
Manual Integrations
APPROVED

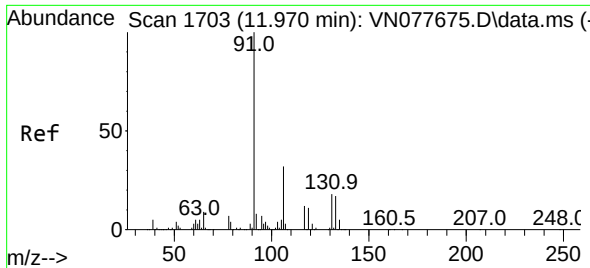
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.183 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.005 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

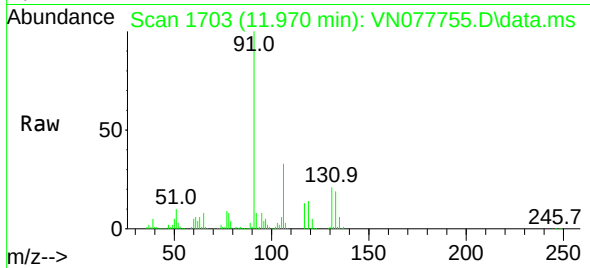
Tgt Ion:131 Resp: 97588
Ion Ratio Lower Upper
131 100
133 93.4 46.4 139.1
119 65.1 34.1 102.2





#67
Ethyl Benzene
Concen: 19.419 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

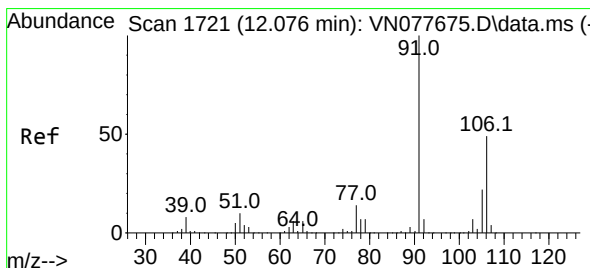
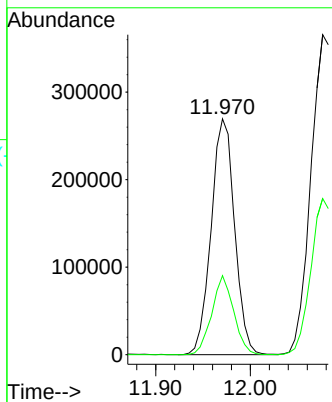
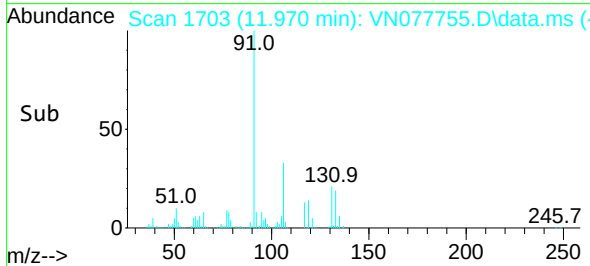
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion: 91 Resp: 463349
Ion Ratio Lower Upper
91 100
106 33.5 25.6 38.4

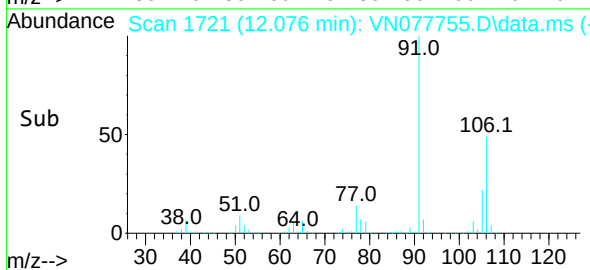
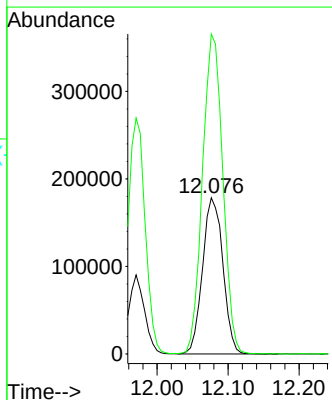
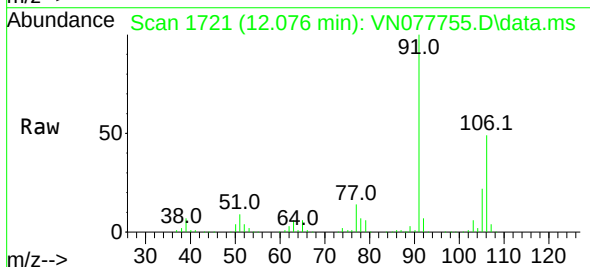
Manual Integrations
APPROVED

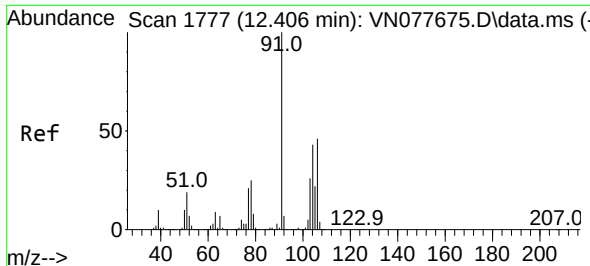
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#68
m/p-Xylenes
Concen: 39.339 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

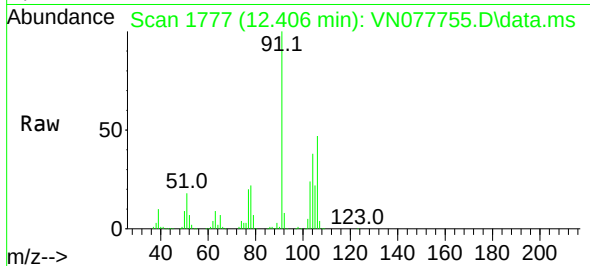
Tgt Ion:106 Resp: 355657
Ion Ratio Lower Upper
106 100
91 204.6 159.6 239.4





#69
o-Xylene
Concen: 20.055 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

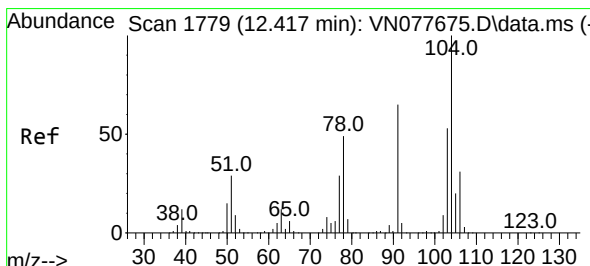
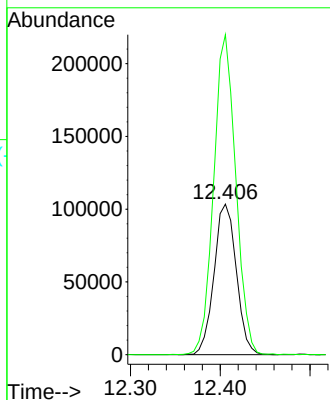
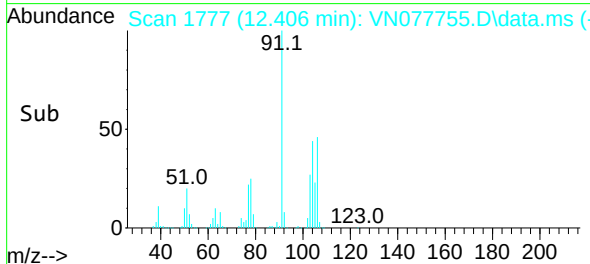
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion:106 Resp: 178315
Ion Ratio Lower Upper
106 100
91 211.1 105.2 315.5

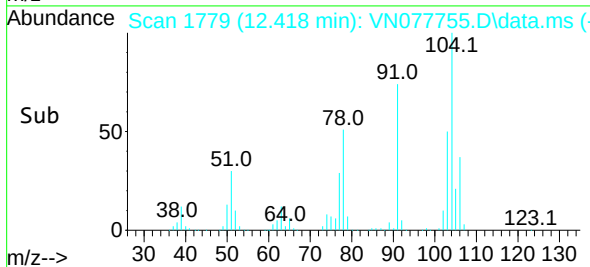
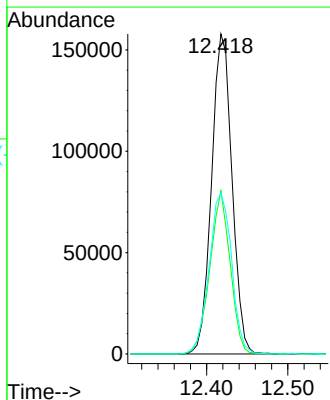
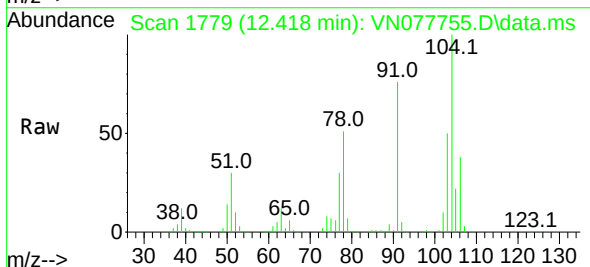
Manual Integrations
APPROVED

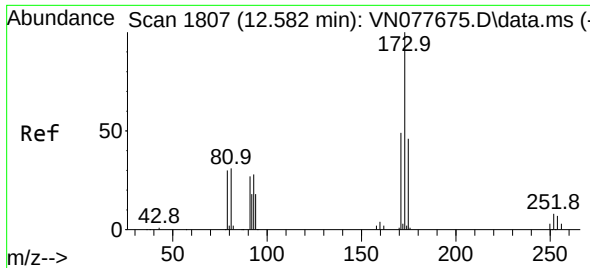
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#70
Styrene
Concen: 19.578 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

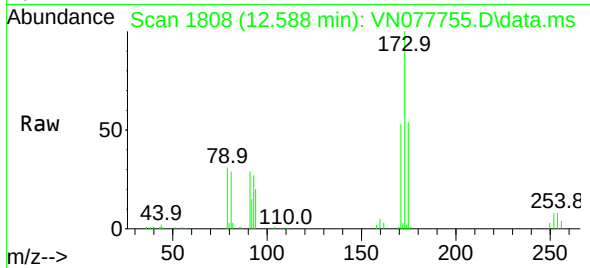
Tgt Ion:104 Resp: 276522
Ion Ratio Lower Upper
104 100
78 50.5 39.5 59.3
103 55.3 43.2 64.8





#71
Bromoform
Concen: 19.382 ug/l
RT: 12.588 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

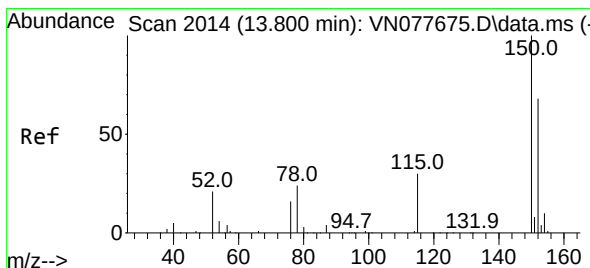
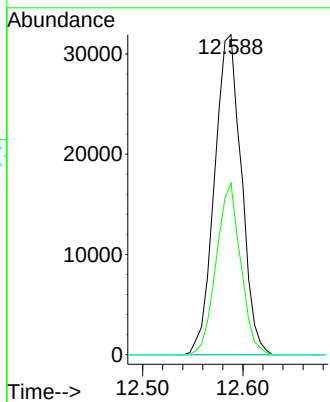
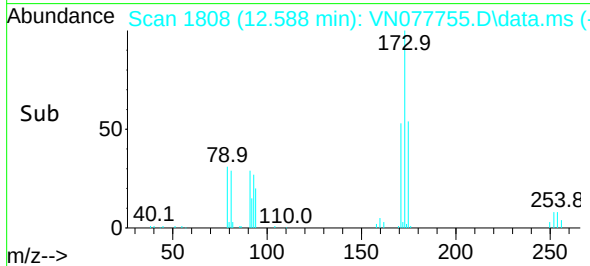
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



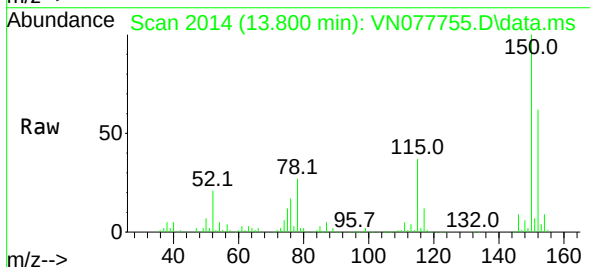
Tgt Ion:173 Resp: 59399
Ion Ratio Lower Upper
173 100
175 48.6 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

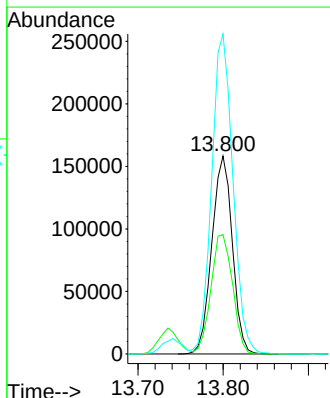
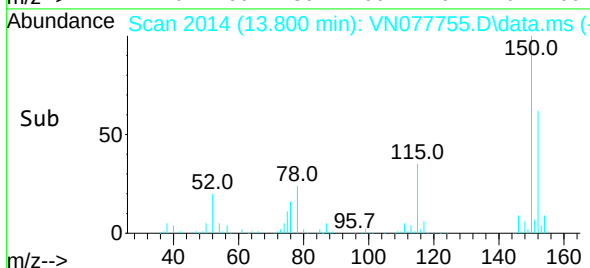
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

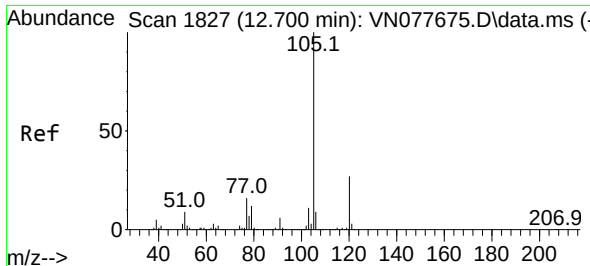


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30



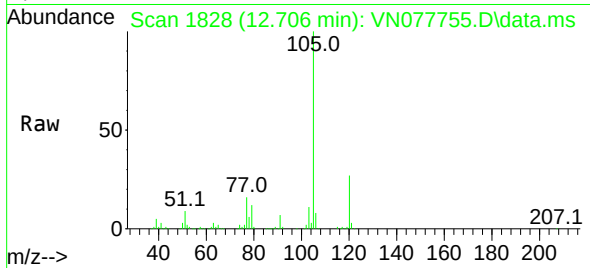
Tgt Ion:152 Resp: 264429
Ion Ratio Lower Upper
152 100
115 63.5 32.3 96.8
150 168.1 0.0 355.8





#73
Isopropylbenzene
Concen: 19.962 ug/l
RT: 12.706 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

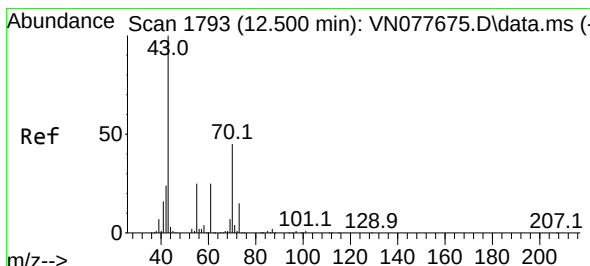
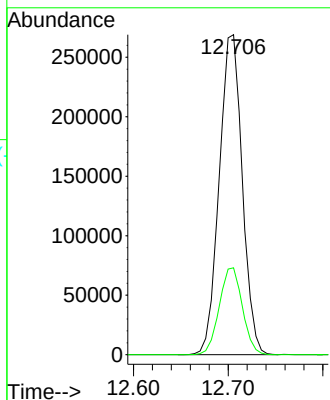
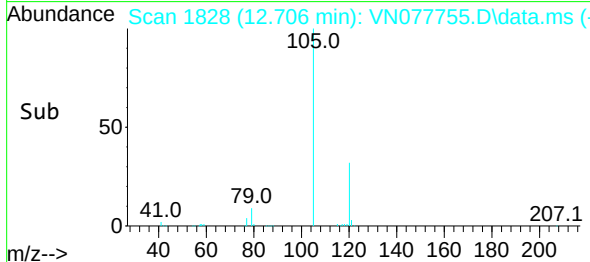
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



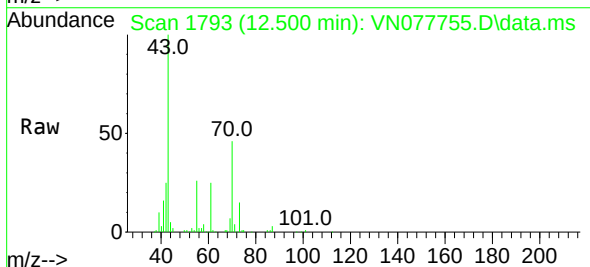
Tgt Ion:105 Resp: 455018
Ion Ratio Lower Upper
105 100
120 27.2 13.1 39.1

Manual Integrations
APPROVED

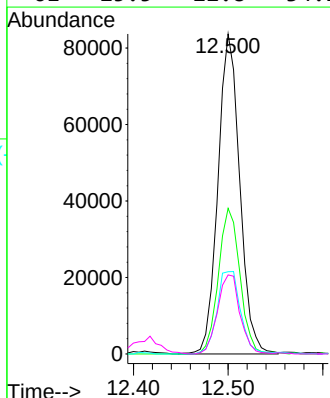
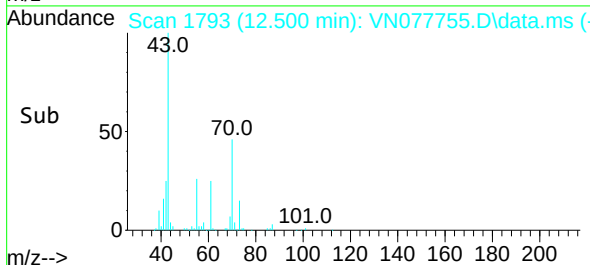
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

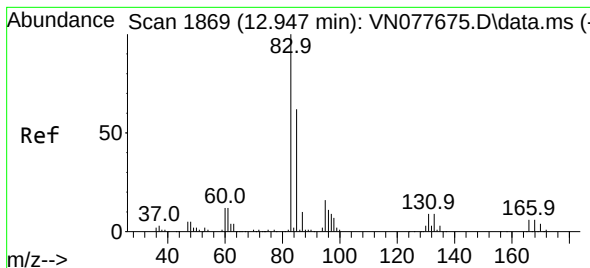


#74
N-ethyl acetate
Concen: 15.899 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30



Tgt Ion: 43 Resp: 133954
Ion Ratio Lower Upper
43 100
70 45.1 43.4 65.2
55 28.3 21.4 32.0
61 25.5 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.058 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.006 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBS01

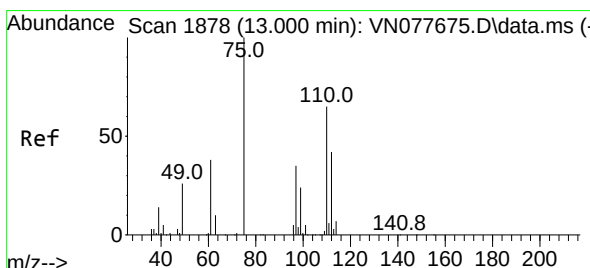
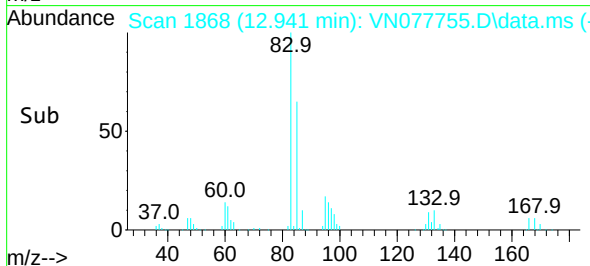
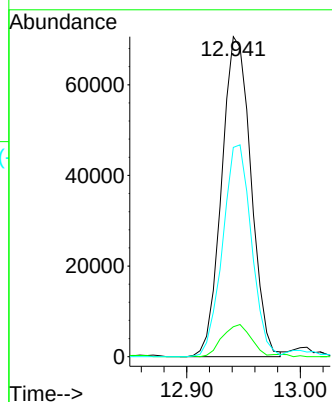
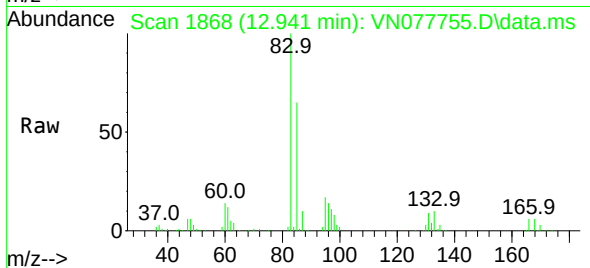
Tgt Ion:	83	Resp:	126629
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.0	15.0
85	65.0	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#76

1,2,3-Trichloropropane

Concen: 16.876 ug/l m

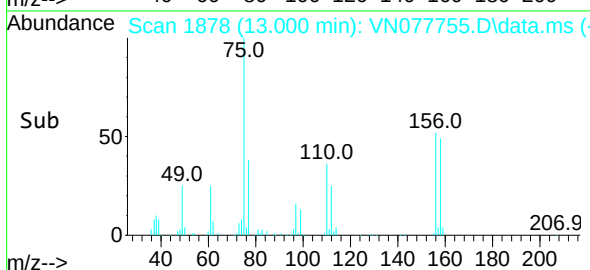
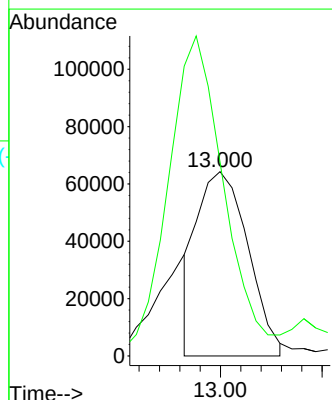
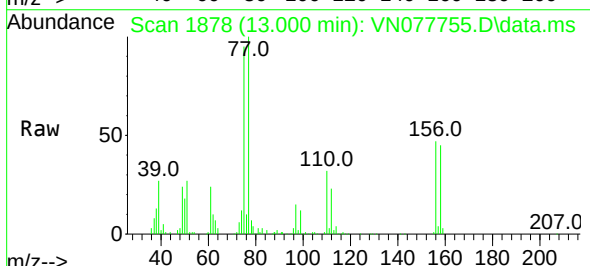
RT: 13.000 min Scan# 1878

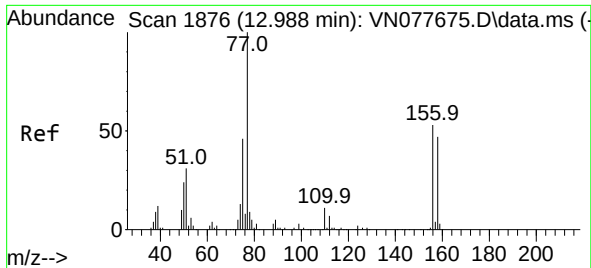
Delta R.T. -0.000 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

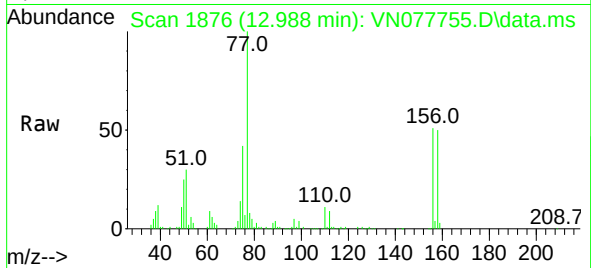
Tgt Ion:	75	Resp:	111755
Ion Ratio	Lower	Upper	
75	100		
77	192.0	84.5	253.5





#77
Bromobenzene
Concen: 18.998 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

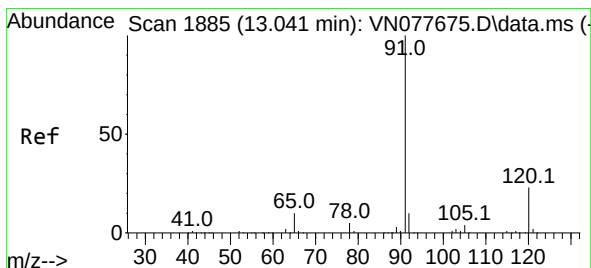
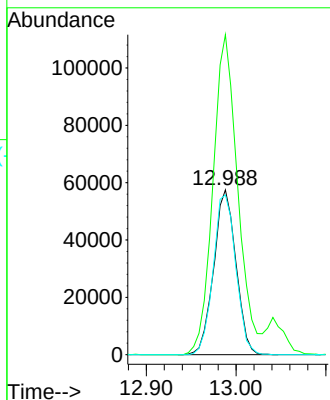
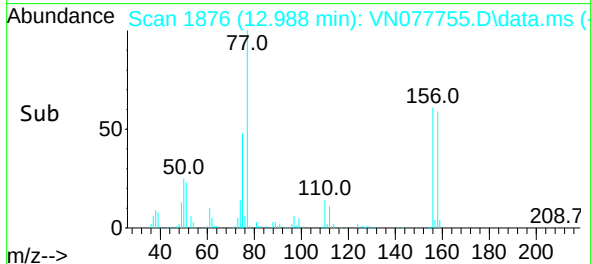
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



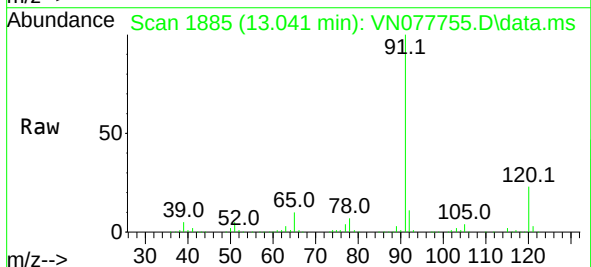
Tgt Ion:156 Resp: 9882
Ion Ratio Lower Upper
156 100
77 217.2 107.7 323.3
158 98.9 48.4 145.3

Manual Integrations
APPROVED

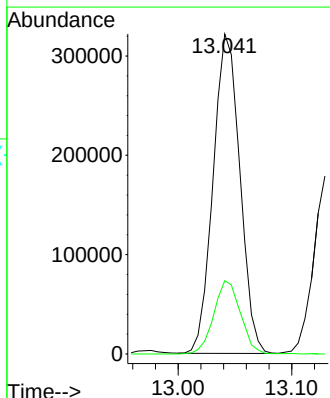
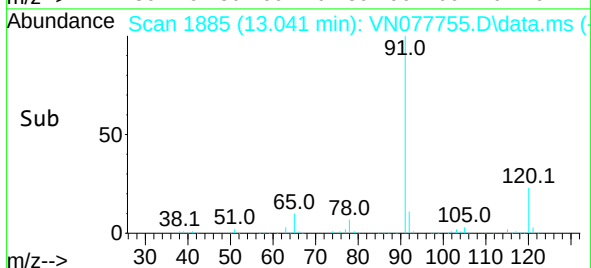
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

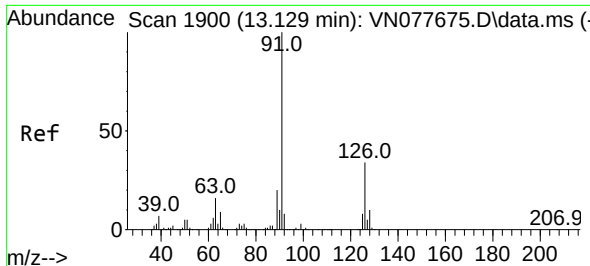


#78
n-propylbenzene
Concen: 19.565 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30



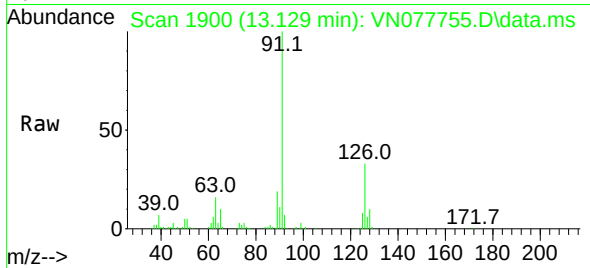
Tgt Ion: 91 Resp: 525761
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





#79
2-Chlorotoluene
Concen: 19.597 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

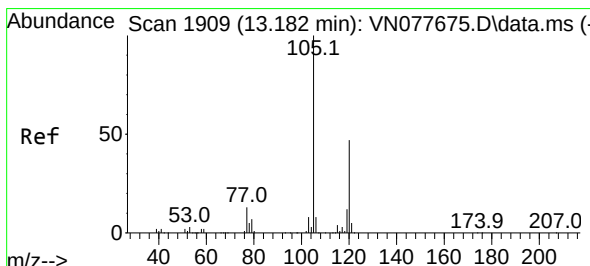
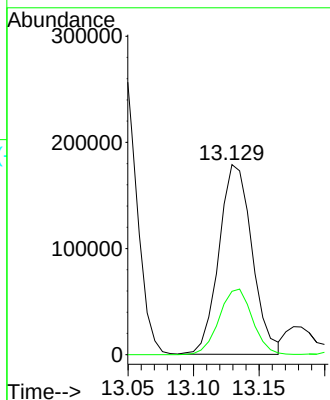
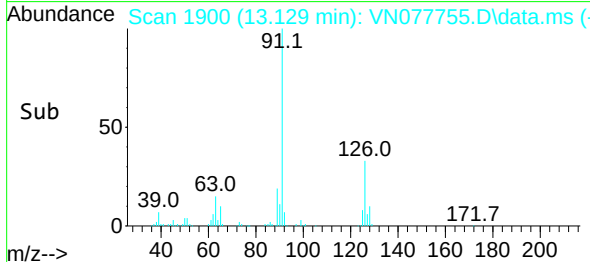
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



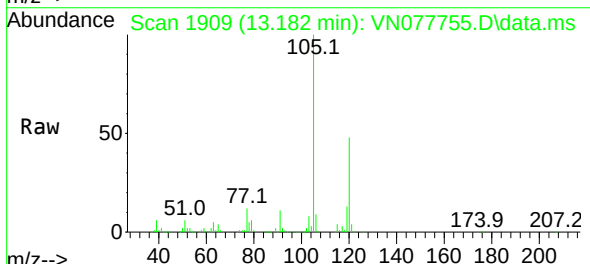
Tgt Ion: 91 Resp: 31424
Ion Ratio Lower Upper
91 100
126 34.6 16.3 48.8

Manual Integrations
APPROVED

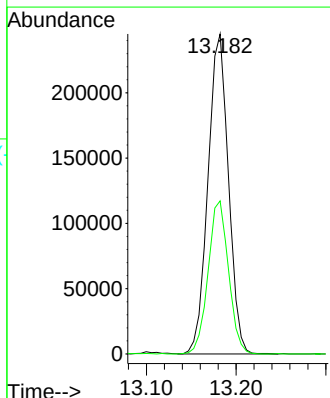
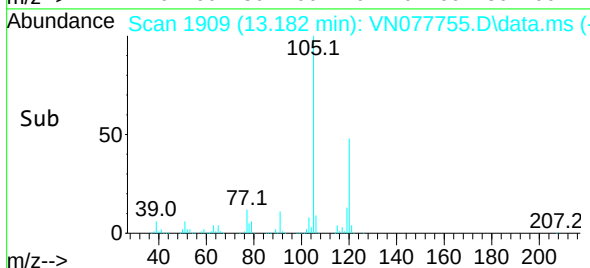
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

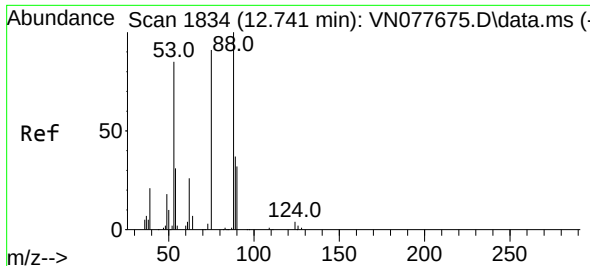


#80
1,3,5-Trimethylbenzene
Concen: 20.231 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30



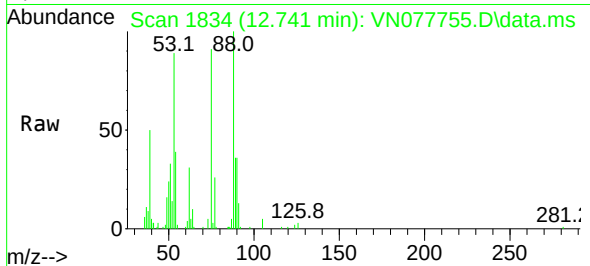
Tgt Ion:105 Resp: 387576
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.415 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

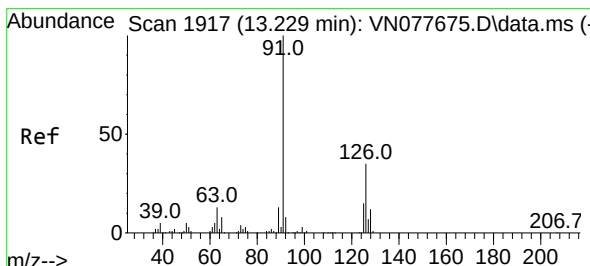
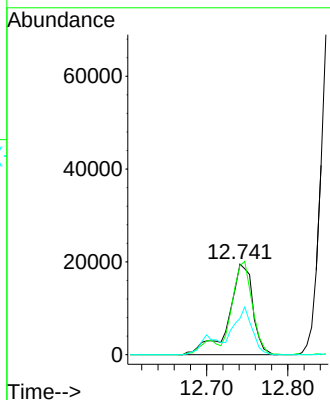
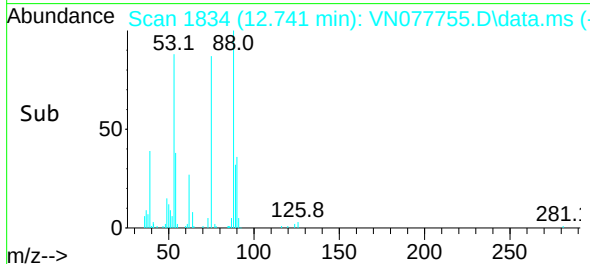
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion: 75 Resp: 4022
Ion Ratio Lower Upper
75 100
53 84.1 67.4 101.2
89 38.6 38.8 58.2

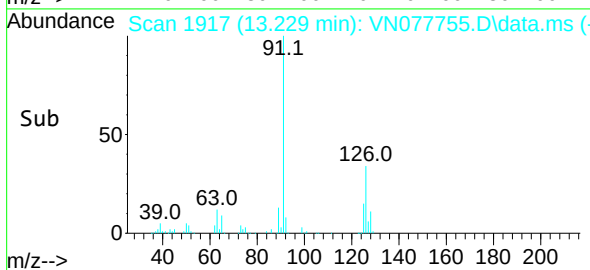
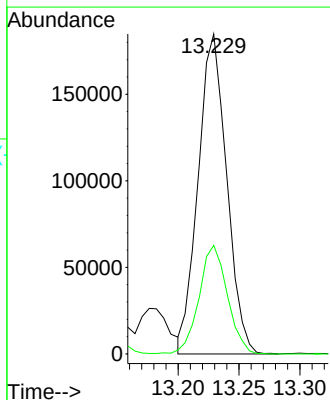
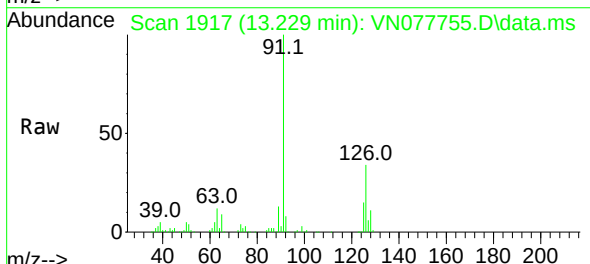
Manual Integrations
APPROVED

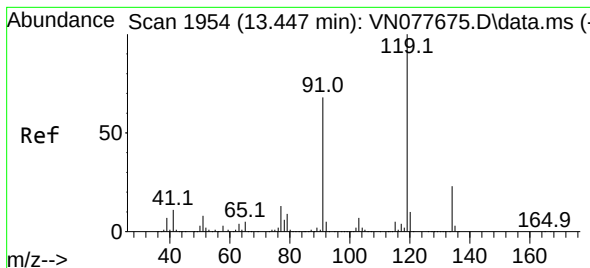
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#82
4-Chlorotoluene
Concen: 18.902 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion: 91 Resp: 301565
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.0





#83

tert-Butylbenzene

Concen: 20.282 ug/l

RT: 13.447 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBS01

Tgt Ion:119 Resp: 33920

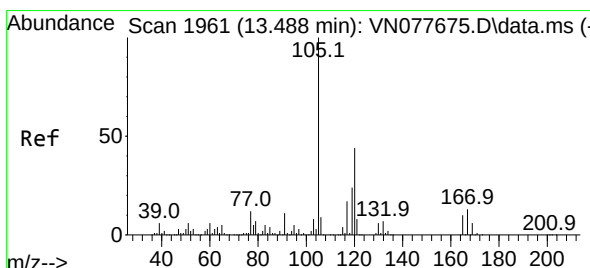
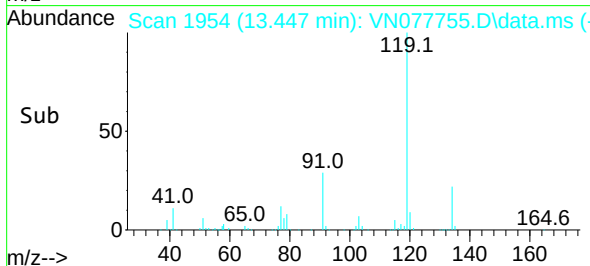
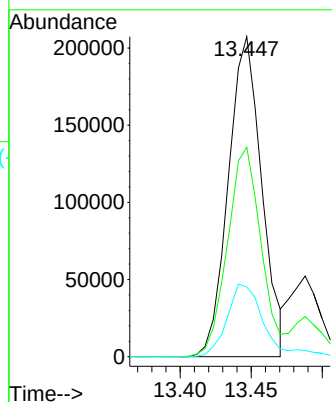
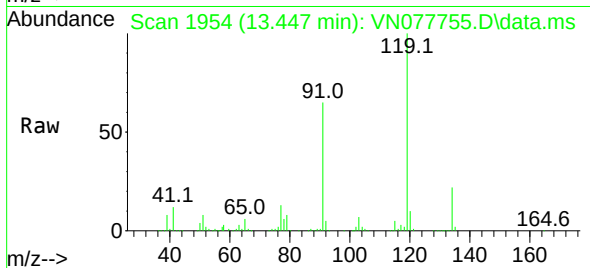
Ion	Ratio	Lower	Upper
119	100		
91	67.1	33.9	101.7
134	25.1	13.2	39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#84

1,2,4-Trimethylbenzene

Concen: 20.347 ug/l

RT: 13.488 min Scan# 1961

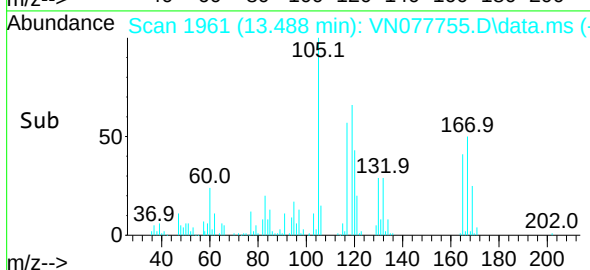
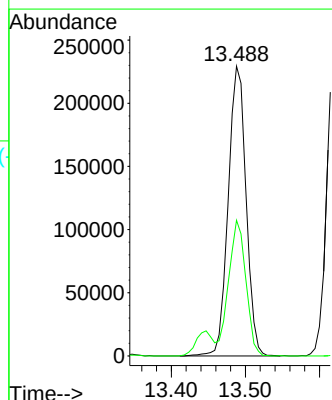
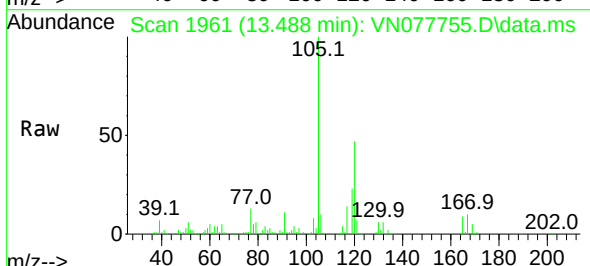
Delta R.T. 0.000 min

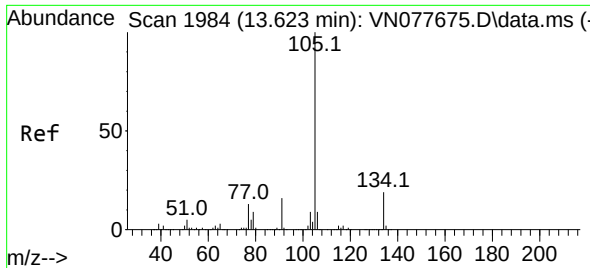
Lab File: VN077755.D

Acq: 19 May 2023 11:30

Tgt Ion:105 Resp: 383349

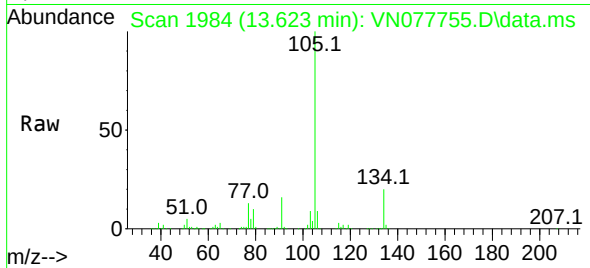
Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.0	66.0





#85
 sec-Butylbenzene
 Concen: 20.083 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077755.D
 Acq: 19 May 2023 11:30

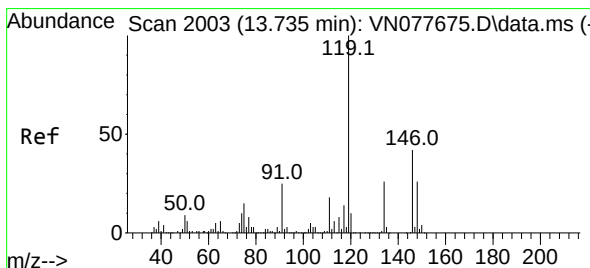
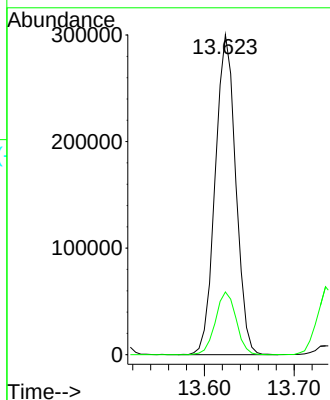
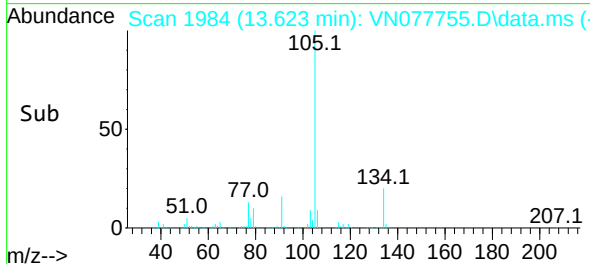
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBS01



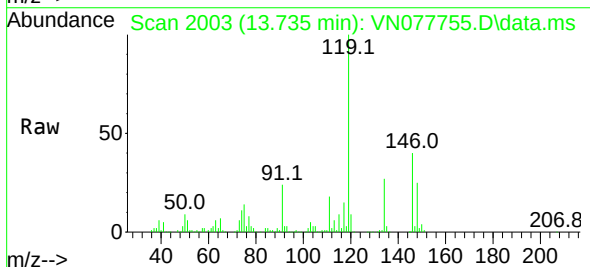
Tgt Ion:105 Resp: 477320
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

Manual Integrations
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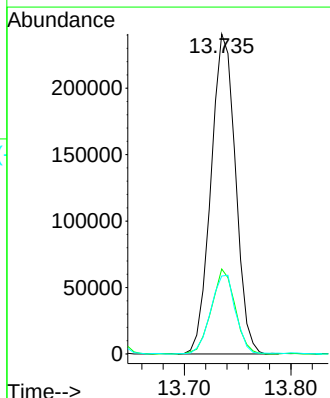
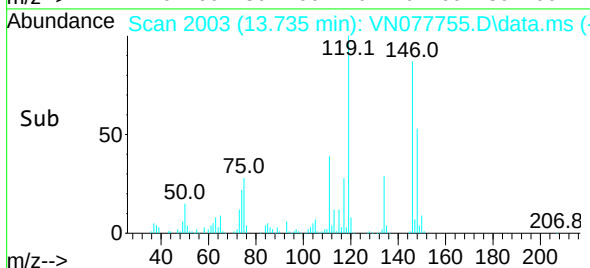
Reviewed By :John Carlone 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023

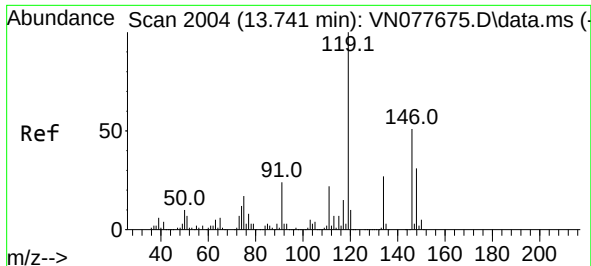


#86
 p-Isopropyltoluene
 Concen: 20.305 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077755.D
 Acq: 19 May 2023 11:30



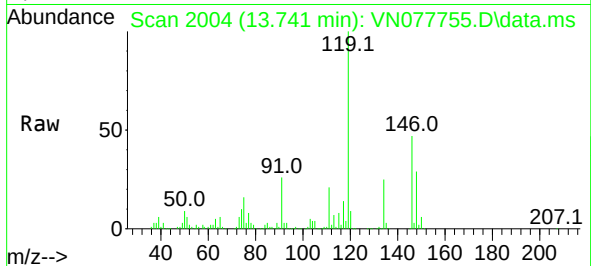
Tgt Ion:119 Resp: 384745
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 25.1 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 18.956 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. -0.000 min
 Lab File: VN077755.D
 Acq: 19 May 2023 11:30

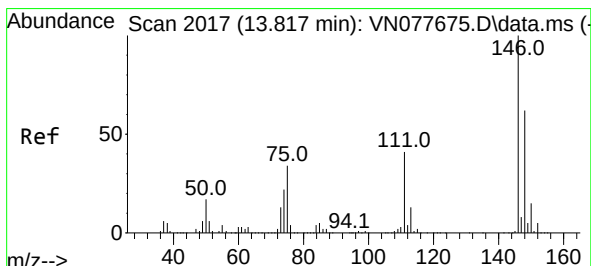
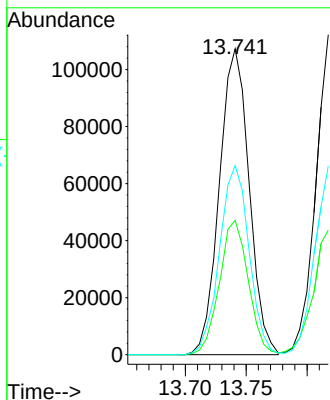
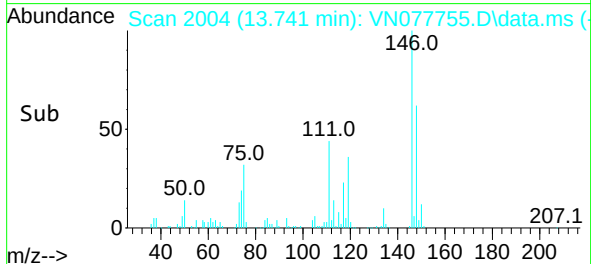
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBS01



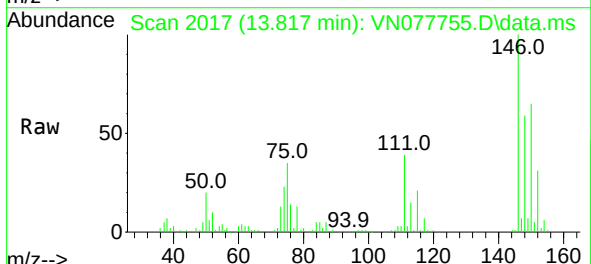
Tgt Ion:146 Resp: 182350
 Ion Ratio Lower Upper
 146 100
 111 42.5 22.1 66.3
 148 61.6 32.0 96.0

Manual Integrations
 APPROVED

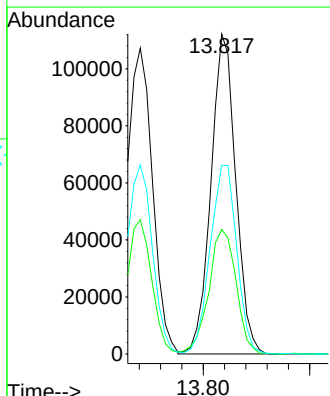
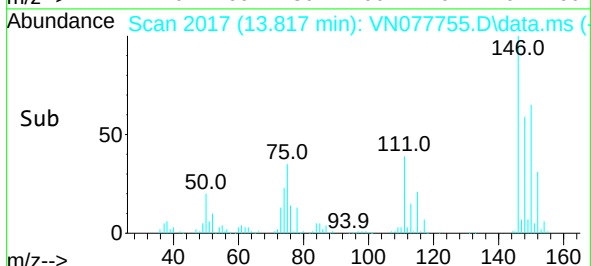
Reviewed By :John Carlone 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023

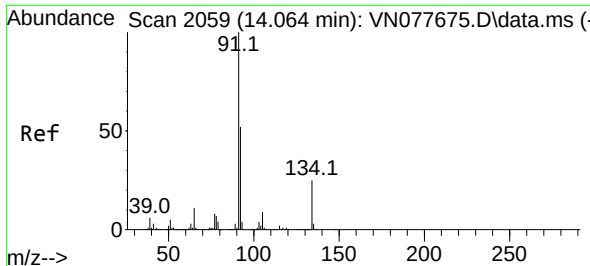


#88
 1,4-Dichlorobenzene
 Concen: 19.018 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN077755.D
 Acq: 19 May 2023 11:30



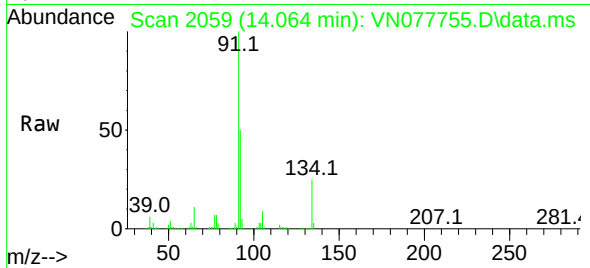
Tgt Ion:146 Resp: 181540
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.6 61.8
 148 63.2 31.6 94.8





#89
n-Butylbenzene
Concen: 19.120 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

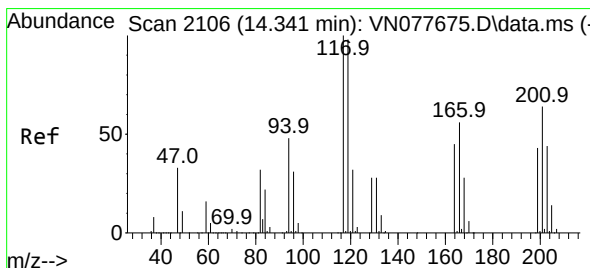
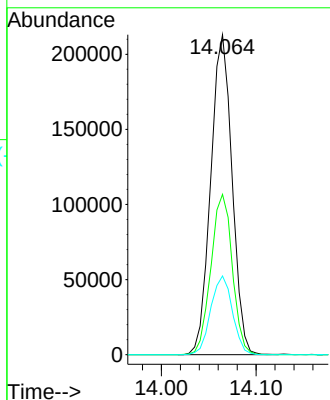
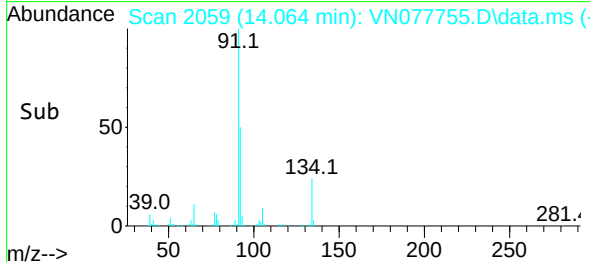
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion: 91 Resp: 33323
Ion Ratio Lower Upper
91 100
92 50.3 26.4 79.0
134 25.0 12.6 37.6

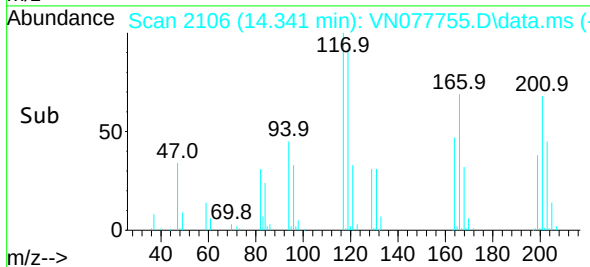
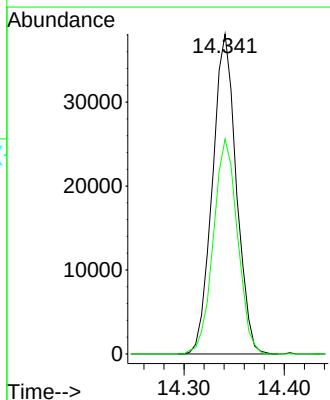
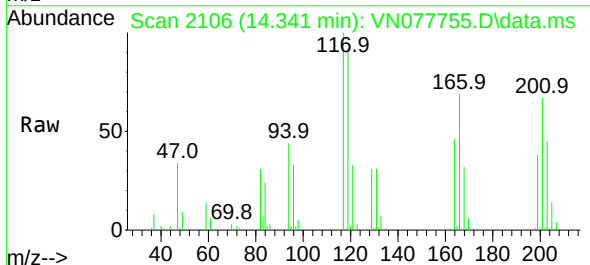
Manual Integrations
APPROVED

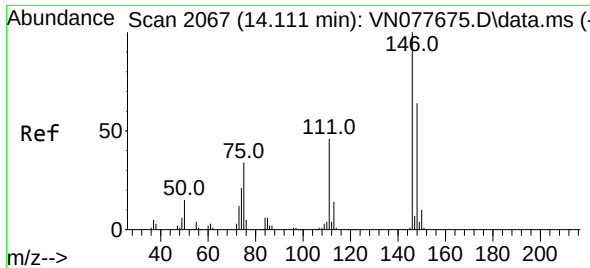
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#90
Hexachloroethane
Concen: 20.188 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

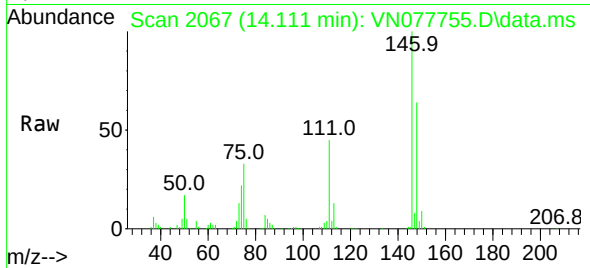
Tgt Ion:117 Resp: 62843
Ion Ratio Lower Upper
117 100
201 68.0 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 20.550 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

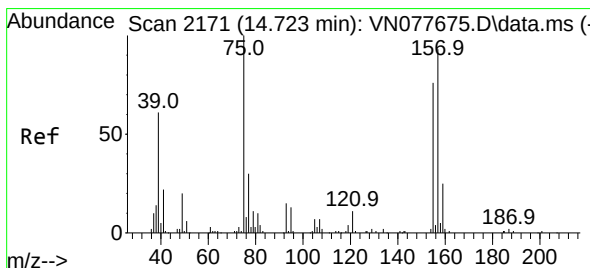
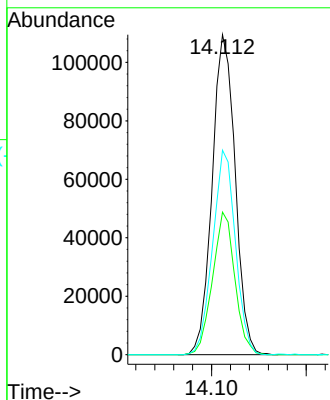
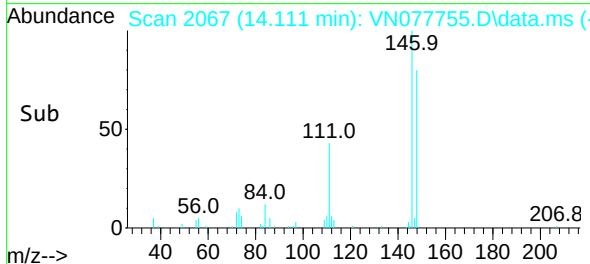
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion:146 Resp: 184670
Ion Ratio Lower Upper
146 100
111 43.3 22.0 66.0
148 63.2 31.8 95.3

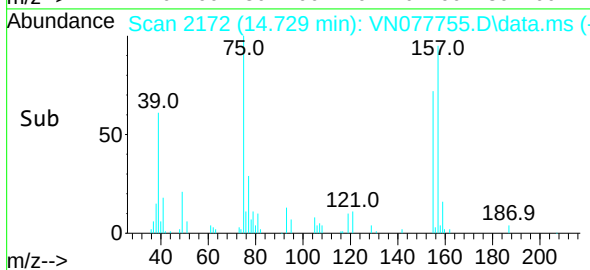
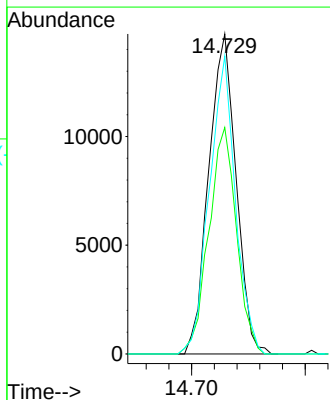
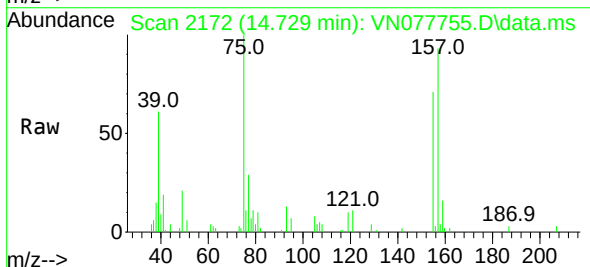
Manual Integrations
APPROVED

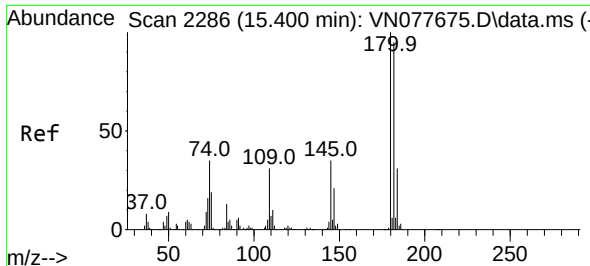
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.125 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

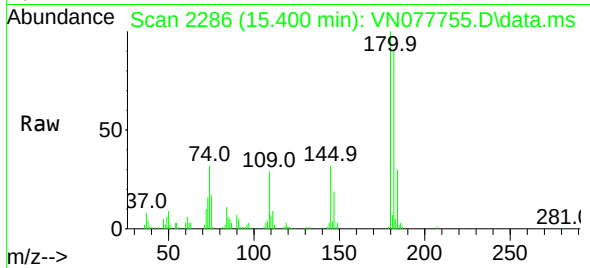
Tgt Ion: 75 Resp: 24606
Ion Ratio Lower Upper
75 100
155 71.7 39.1 117.2
157 89.0 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 16.467 ug/l
RT: 15.400 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

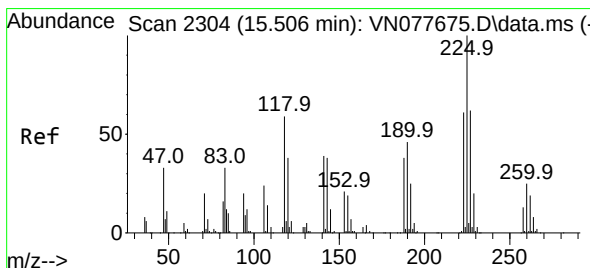
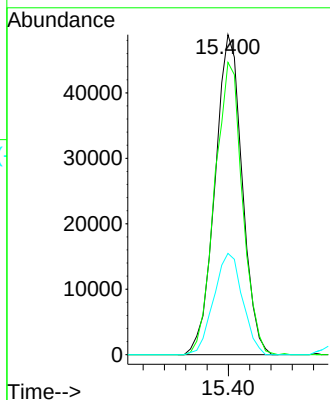
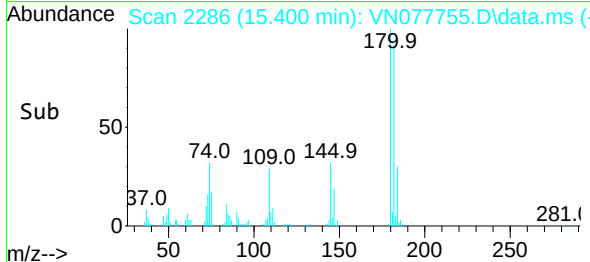
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



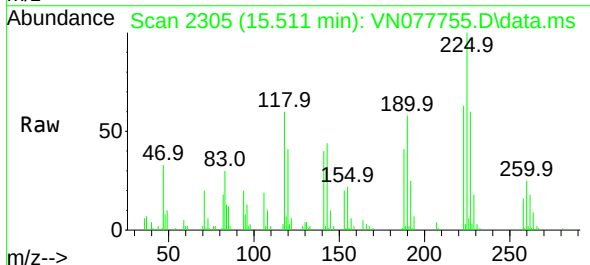
Tgt Ion:180 Resp: 86480
Ion Ratio Lower Upper
180 100
182 93.2 46.1 138.2
145 33.5 16.6 49.8

Manual Integrations
APPROVED

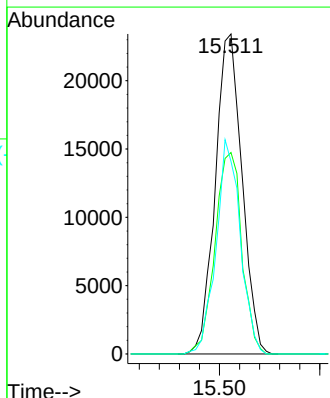
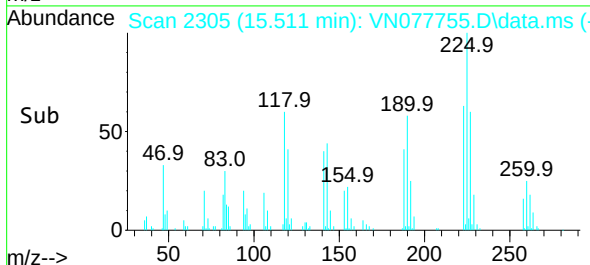
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

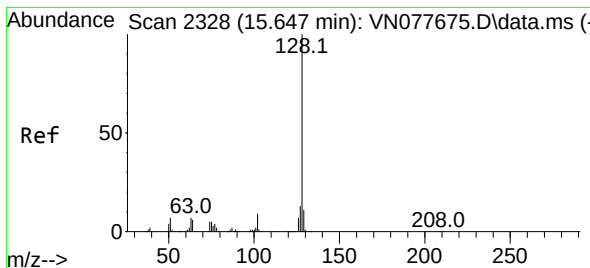


#94
Hexachlorobutadiene
Concen: 19.866 ug/l
RT: 15.511 min Scan# 2305
Delta R.T. 0.005 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30



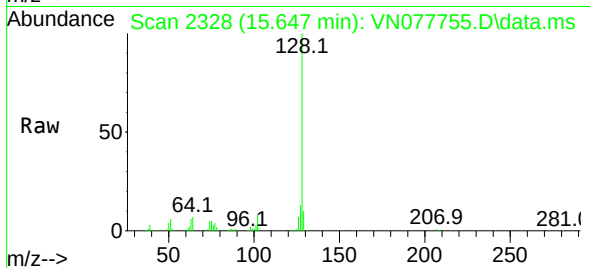
Tgt Ion:225 Resp: 43317
Ion Ratio Lower Upper
225 100
223 62.9 31.3 93.8
227 60.4 31.9 95.9





#95
Naphthalene
Concen: 13.885 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

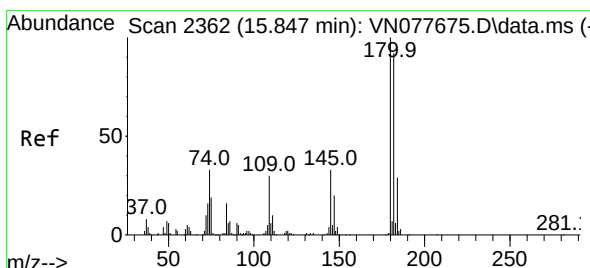
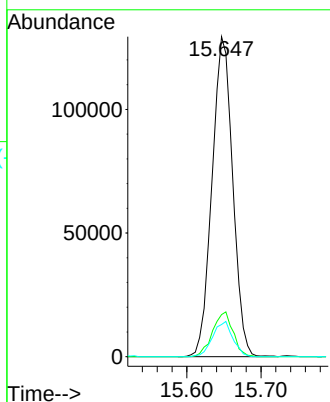
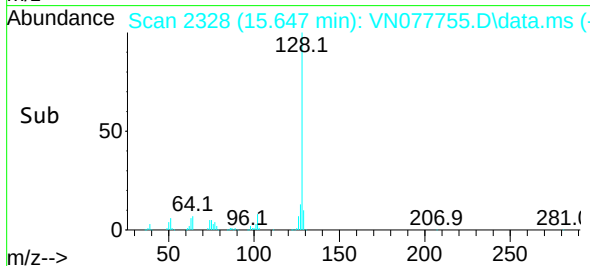
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion:128 Resp: 251000
Ion Ratio Lower Upper
128 100
127 13.8 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 17.176 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion:180 Resp: 88316
Ion Ratio Lower Upper
180 100
182 92.7 46.2 138.6
145 35.1 17.5 52.6

