

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051723\
 Data File : VN077707.D
 Acq On : 17 May 2023 12:24
 Operator : JC\MD
 Sample : VN0517WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2023
 Supervised By : Mahesh Dadoda 05/18/2023

Quant Time: May 18 01:37:34 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

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	399101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	730977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	638218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	279629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	293251	49.108	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.220%		
35) Dibromofluoromethane	8.171	113	236604	49.638	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.280%		
50) Toluene-d8	10.570	98	915212	49.883	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.760%		
62) 4-Bromofluorobenzene	12.853	95	317028	48.925	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	86776	19.105	ug/l	99
3) Chloromethane	2.365	50	89605	17.440	ug/l	100
4) Vinyl Chloride	2.518	62	104069	18.173	ug/l	98
5) Bromomethane	2.965	94	79903	18.866	ug/l	95
6) Chloroethane	3.124	64	78339	18.982	ug/l	93
7) Trichlorofluoromethane	3.500	101	154321	19.337	ug/l	97
8) Diethyl Ether	3.965	74	55723	19.126	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.377	101	83440	18.893	ug/l	94
10) Methyl Iodide	4.600	142	108564	20.612	ug/l	98
11) Tert butyl alcohol	5.530	59	71814	87.139	ug/l	98
12) 1,1-Dichloroethene	4.347	96	80159	19.096	ug/l	83
13) Acrolein	4.189	56	58826	97.172	ug/l	98
14) Allyl chloride	5.030	41	110207	17.872	ug/l	91
15) Acrylonitrile	5.730	53	199743	90.719	ug/l	98
16) Acetone	4.441	43	162388	86.435	ug/l	94
17) Carbon Disulfide	4.718	76	189031	16.713	ug/l	97
18) Methyl Acetate	5.030	43	143657	18.227	ug/l	89
19) Methyl tert-butyl Ether	5.800	73	285503	18.791	ug/l	99
20) Methylene Chloride	5.283	84	96015	18.386	ug/l	96
21) trans-1,2-Dichloroethene	5.788	96	87195	18.492	ug/l	92
22) Diisopropyl ether	6.677	45	264422	18.294	ug/l	94
23) Vinyl Acetate	6.612	43	778703	86.954	ug/l #	92
24) 1,1-Dichloroethane	6.577	63	169539	19.146	ug/l	94
25) 2-Butanone	7.488	43	264500	89.999	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	141279	18.779	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	104194	18.429	ug/l	89
28) Bromochloromethane	7.824	49	77340	20.195	ug/l	84
29) Tetrahydrofuran	7.841	42	168168	87.388	ug/l #	84
30) Chloroform	7.971	83	182034	18.687	ug/l	91
31) Cyclohexane	8.265	56	145286	17.901	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	161021	19.443	ug/l	96
36) 1,1-Dichloropropene	8.377	75	131193	18.817	ug/l	97
37) Ethyl Acetate	7.565	43	106231	17.095	ug/l	98
38) Carbon Tetrachloride	8.371	117	136244	19.352	ug/l	96
39) Methylcyclohexane	9.606	83	161800	18.956	ug/l	89
40) Benzene	8.612	78	389890	18.951	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	58336	17.627	ug/l	91
42) 1,2-Dichloroethane	8.671	62	141437	18.925	ug/l	96
43) Isopropyl Acetate	8.694	43	184437	18.171	ug/l #	94
44) Trichloroethene	9.353	130	98586	18.924	ug/l	97
45) 1,2-Dichloropropane	9.623	63	100992	19.245	ug/l	96
46) Dibromomethane	9.712	93	70988	18.904	ug/l	98
47) Bromodichloromethane	9.894	83	141294	19.653	ug/l	99
48) Methyl methacrylate	9.682	41	88904	18.474	ug/l	87
49) 1,4-Dioxane	9.700	88	32882	361.766	ug/l #	85
51) 4-Methyl-2-Pentanone	10.453	43	561097	92.999	ug/l	92
52) Toluene	10.635	92	246890	19.276	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	139819	18.365	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	155178	18.496	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	96859	19.045	ug/l	98
56) Ethyl methacrylate	10.876	69	145496	18.921	ug/l	92
57) 1,3-Dichloropropane	11.170	76	170320	19.536	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	371416	98.182	ug/l	91
59) 2-Hexanone	11.200	43	401095	89.878	ug/l	94
60) Dibromochloromethane	11.365	129	101308	19.296	ug/l	99
61) 1,2-Dibromoethane	11.476	107	97916	19.299	ug/l	98
64) Tetrachloroethene	11.112	164	93746	21.004	ug/l	99
65) Chlorobenzene	11.900	112	260954	18.861	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	92536	19.329	ug/l	97
67) Ethyl Benzene	11.970	91	474824	19.150	ug/l	99
68) m/p-Xylenes	12.076	106	360725	38.396	ug/l	96
69) o-Xylene	12.406	106	176526	19.106	ug/l	94
70) Styrene	12.417	104	284026	19.351	ug/l	97
71) Bromoform	12.582	173	62402	19.594	ug/l #	98
73) Isopropylbenzene	12.700	105	465413	19.308	ug/l	100
74) N-amyl acetate	12.500	43	151554	17.010	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.947	83	135104	18.220	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	131943m	18.841	ug/l	
77) Bromobenzene	12.988	156	100753	18.316	ug/l	97
78) n-propylbenzene	13.041	91	531223	18.694	ug/l	100
79) 2-Chlorotoluene	13.129	91	320462	18.898	ug/l	100
80) 1,3,5-Trimethylbenzene	13.182	105	394364	19.466	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	37718	17.217	ug/l #	80
82) 4-Chlorotoluene	13.229	91	309826	18.364	ug/l	100
83) tert-Butylbenzene	13.447	119	337764	19.098	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	388237	19.486	ug/l	100
85) sec-Butylbenzene	13.623	105	472366	18.794	ug/l	100
86) p-Isopropyltoluene	13.735	119	387297	19.328	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	189198	18.599	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	189813	18.803	ug/l	99
89) n-Butylbenzene	14.064	91	333144	18.076	ug/l	100
90) Hexachloroethane	14.341	117	63506	19.292	ug/l	94
91) 1,2-Dichlorobenzene	14.111	146	181592	19.108	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25605	17.835	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	92768	16.704	ug/l	98
94) Hexachlorobutadiene	15.511	225	41283	17.904	ug/l	97
95) Naphthalene	15.647	128	310909	16.265	ug/l	99
96) 1,2,3-Trichlorobenzene	15.853	180	92121	16.942	ug/l	97

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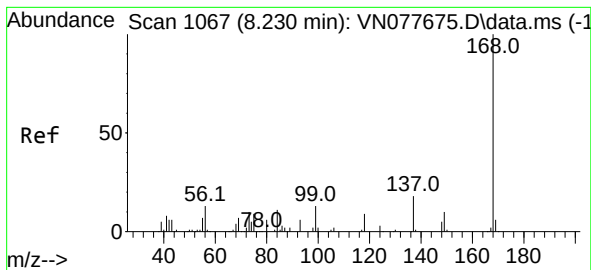
Manual Integrations
APPROVED

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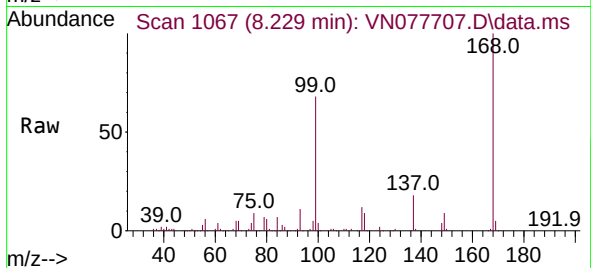
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN077707.D
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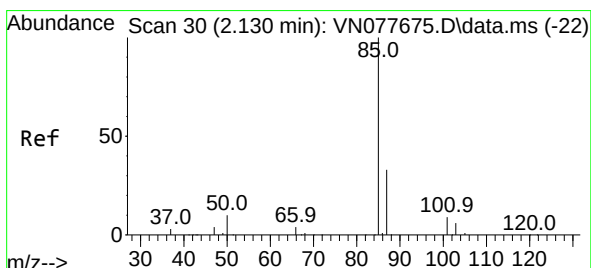
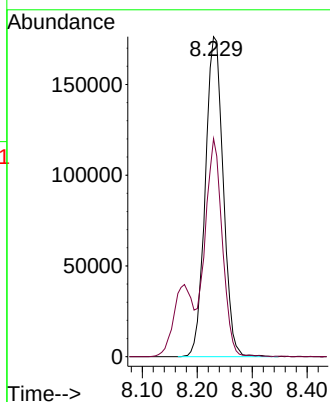
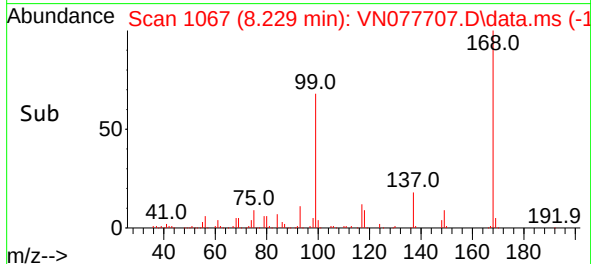
Instrument :
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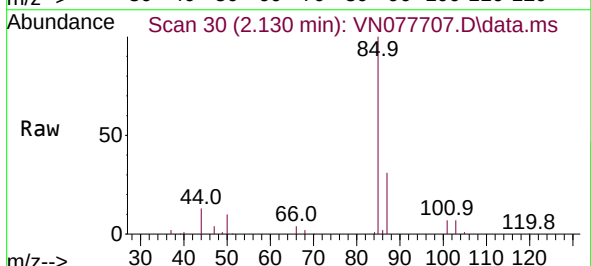
Tgt Ion:168 Resp: 39910
Ion Ratio Lower Upper
168 100
99 68.0 53.0 79.6

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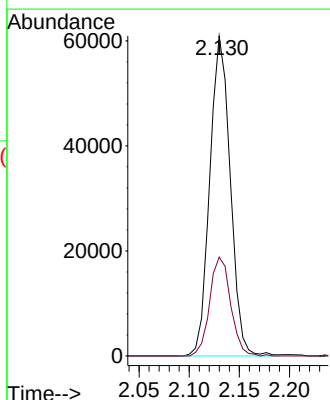
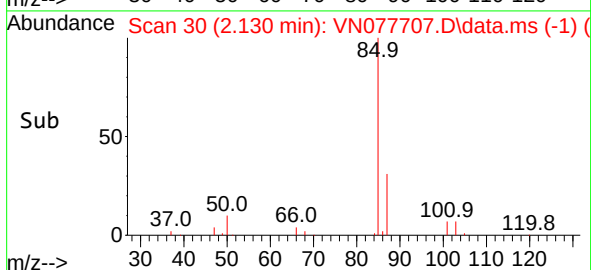
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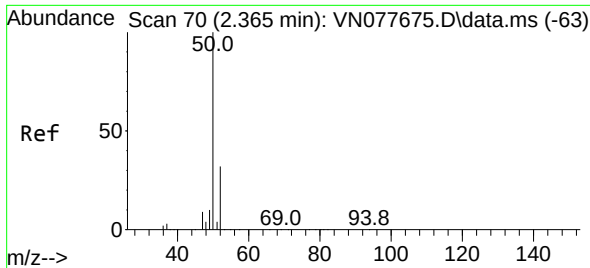


#2
Dichlorodifluoromethane
Concen: 19.105 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24



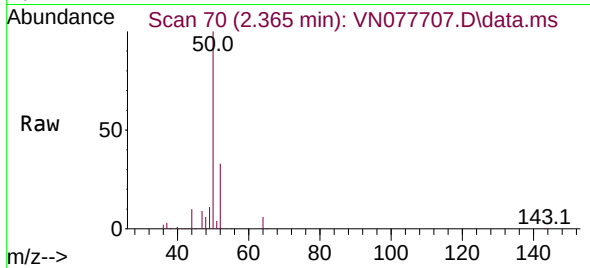
Tgt Ion: 85 Resp: 86776
Ion Ratio Lower Upper
85 100
87 30.9 15.8 47.4





#3
Chloromethane
Concen: 17.440 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

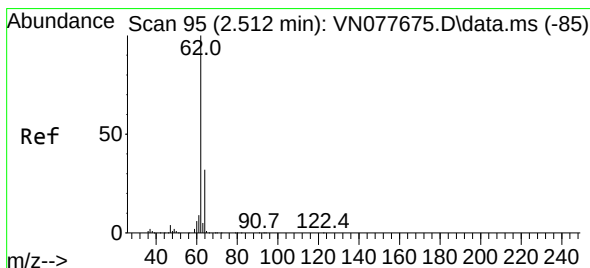
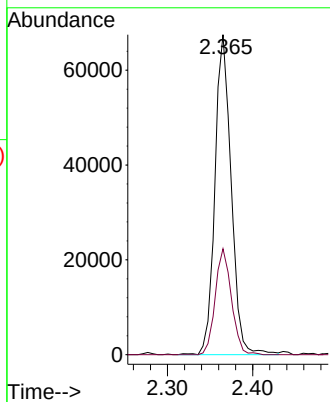
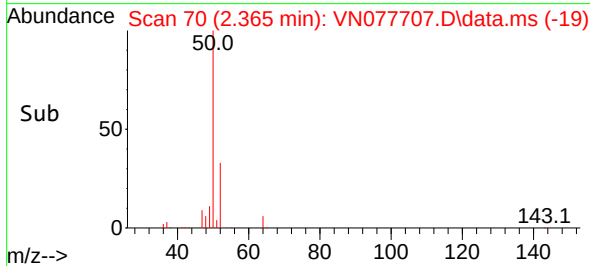
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Tgt Ion: 50 Resp: 8960
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7

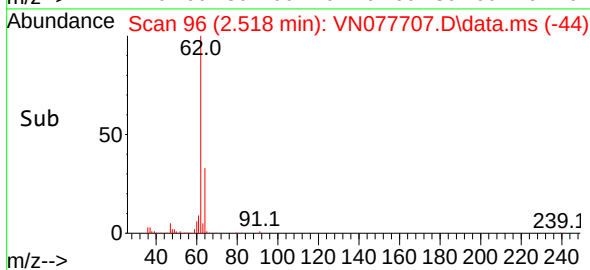
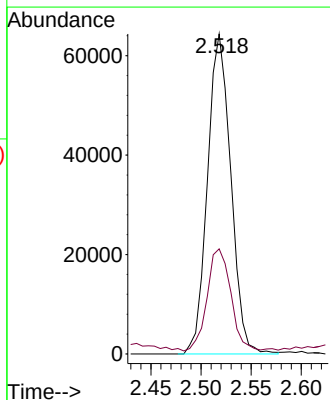
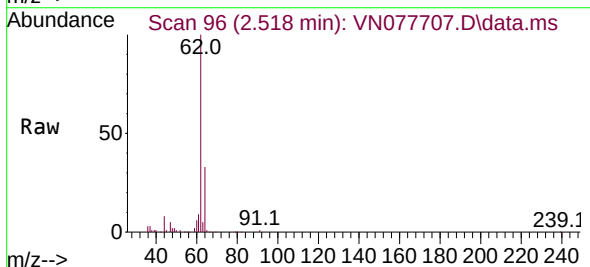
Manual Integrations
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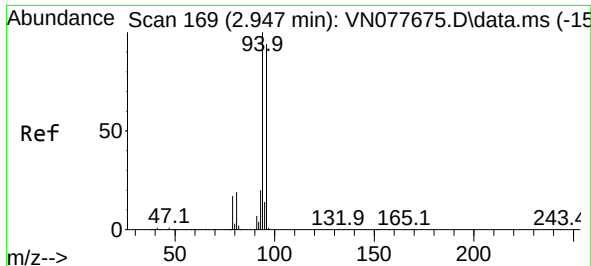
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#4
Vinyl Chloride
Concen: 18.173 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

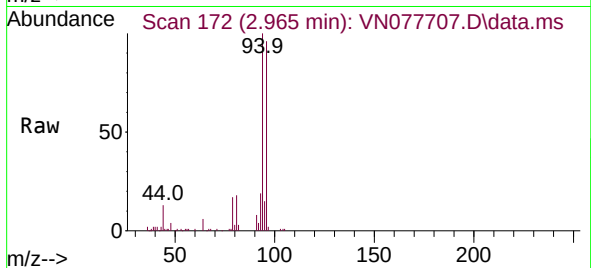
Tgt Ion: 62 Resp: 104069
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.2





#5
Bromomethane
Concen: 18.866 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

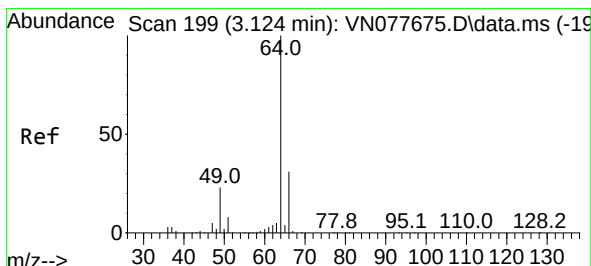
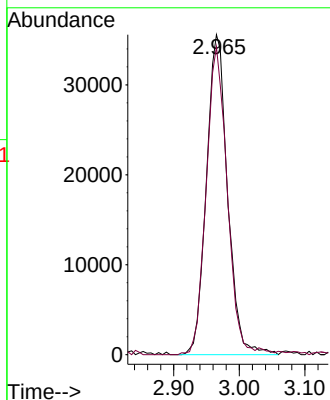
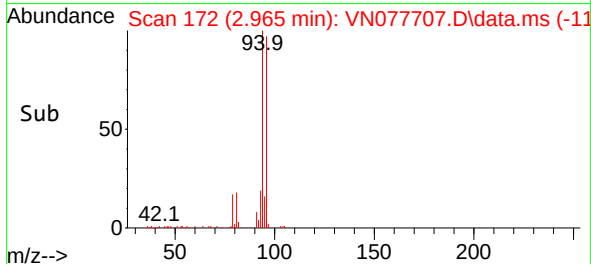
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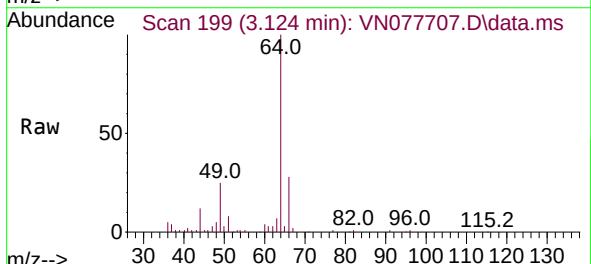
Tgt Ion: 94 Resp: 7990
Ion Ratio Lower Upper
94 100
96 96.2 73.1 109.7

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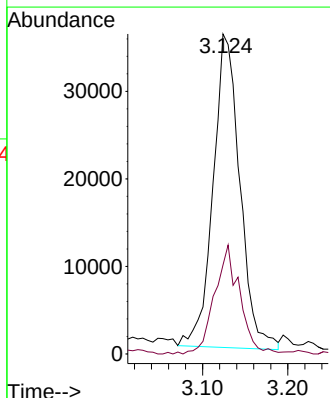
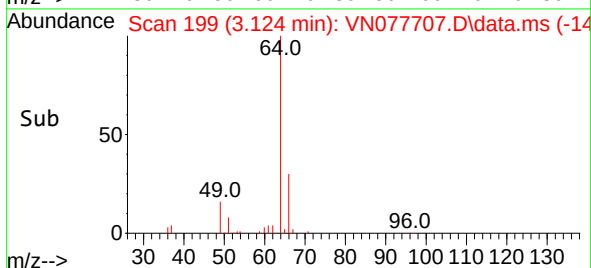
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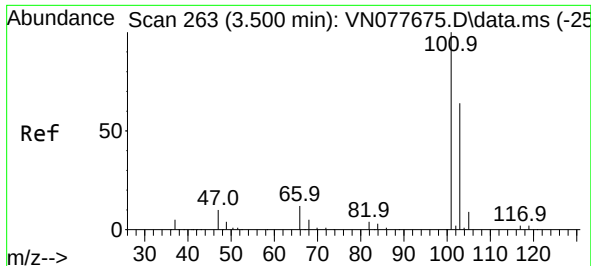


#6
Chloroethane
Concen: 18.982 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN077707.D
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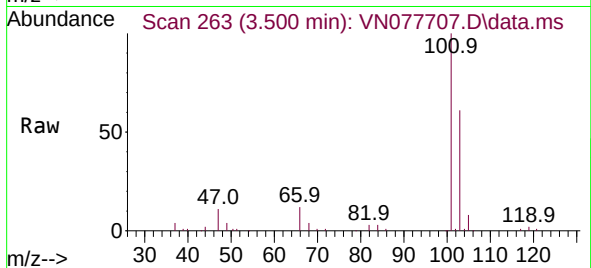
Tgt Ion: 64 Resp: 78339
Ion Ratio Lower Upper
64 100
66 28.0 25.4 38.2





#7
Trichlorofluoromethane
Concen: 19.337 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

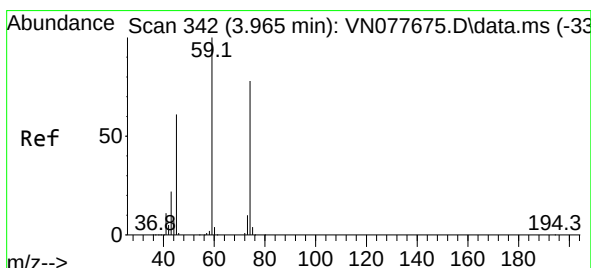
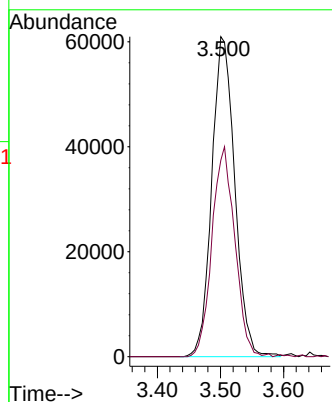
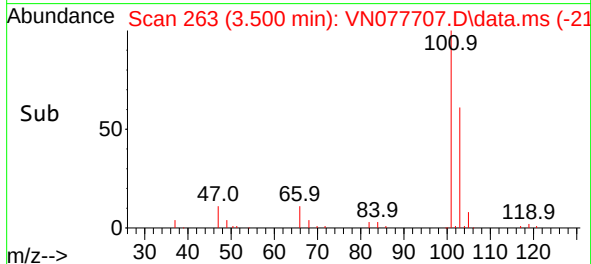
Instrument :
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VN0517WBS01



Tgt Ion:101 Resp: 15432
Ion Ratio Lower Upper
101 100
103 61.4 50.7 76.1

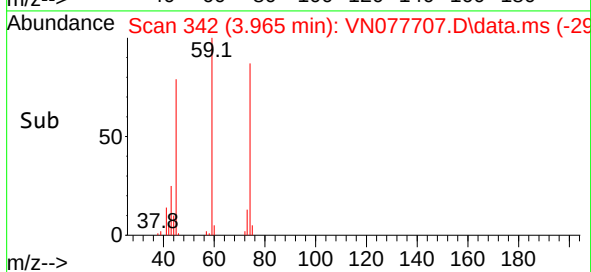
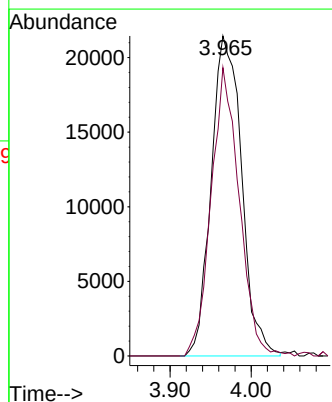
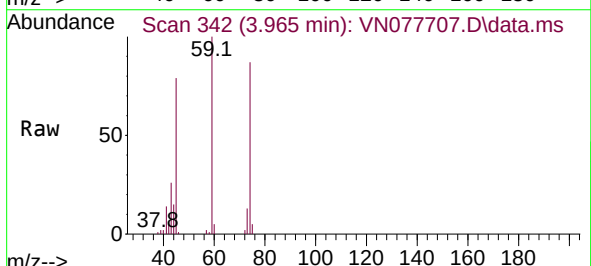
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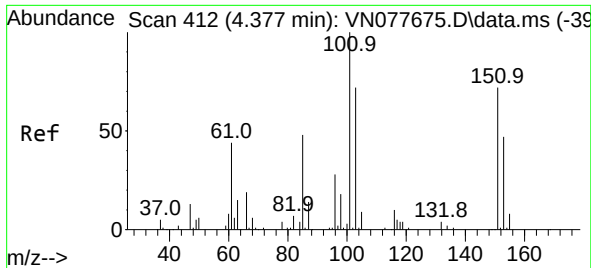
Reviewed By :John Carlone 05/18/2023
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#8
Diethyl Ether
Concen: 19.126 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 55723
Ion Ratio Lower Upper
74 100
45 83.4 34.4 103.3





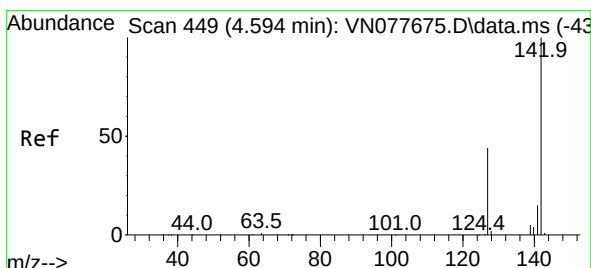
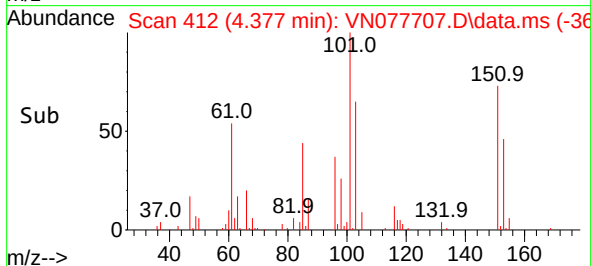
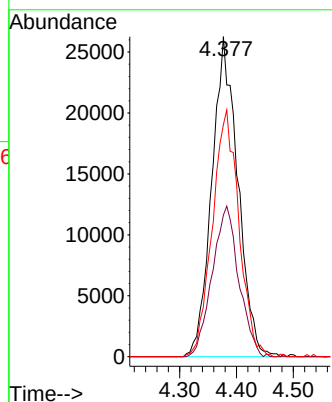
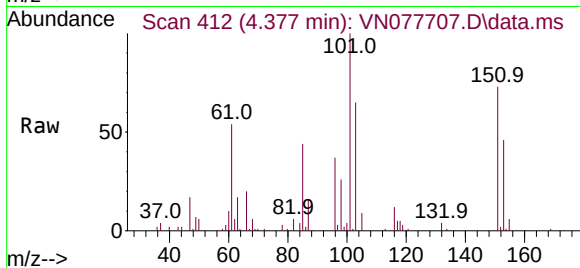
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.893 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

Tgt Ion:101 Resp: 83440
Ion Ratio Lower Upper
101 100
85 48.1 36.6 55.0
151 78.3 57.6 86.4

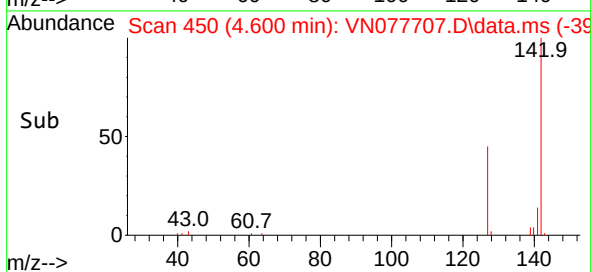
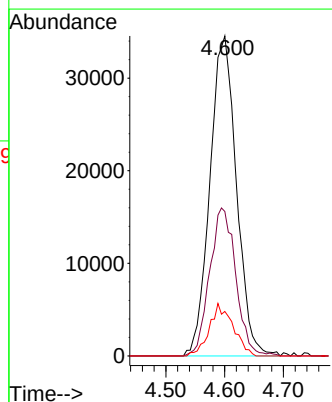
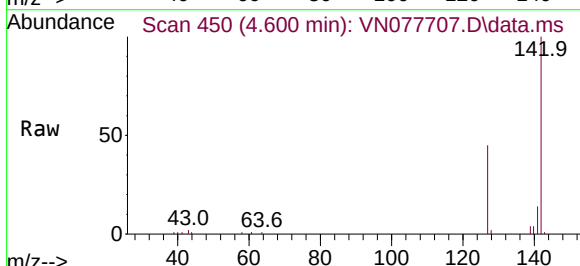
Manual Integrations
APPROVED

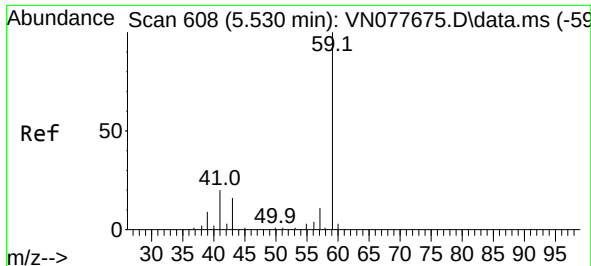
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#10
Methyl Iodide
Concen: 20.612 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

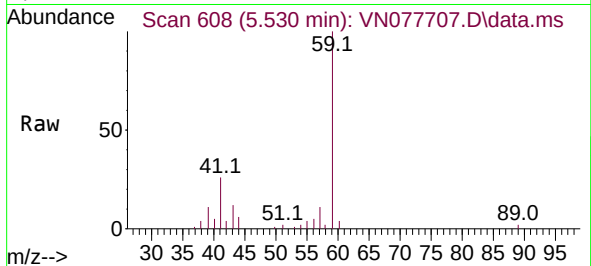
Tgt Ion:142 Resp: 108564
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 13.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 87.139 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

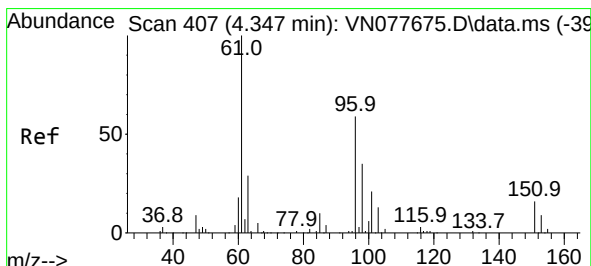
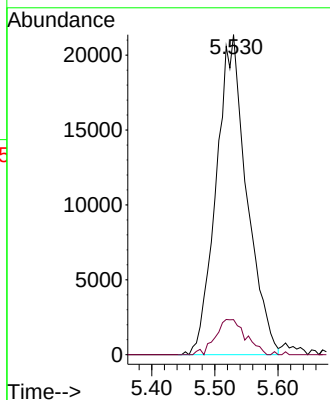
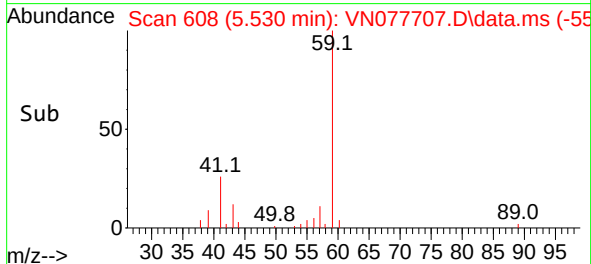
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



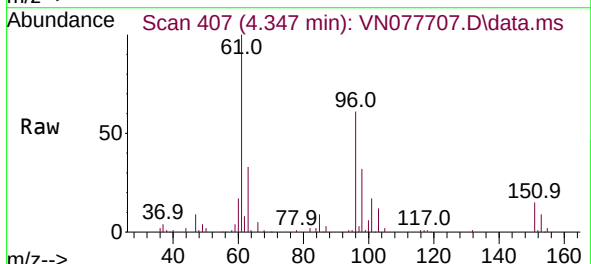
Tgt Ion: 59 Resp: 71814
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4

Manual Integrations
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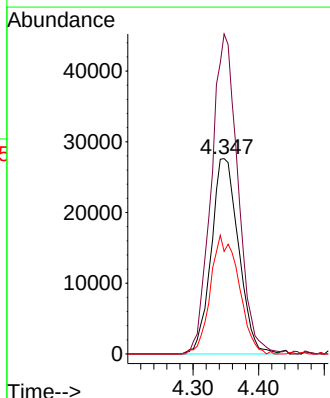
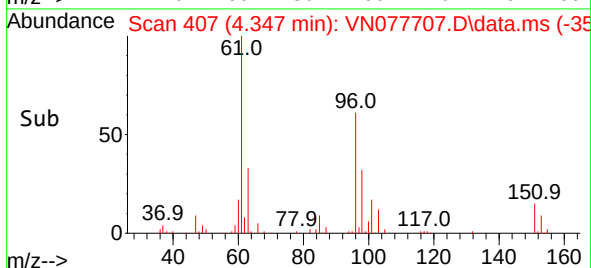
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

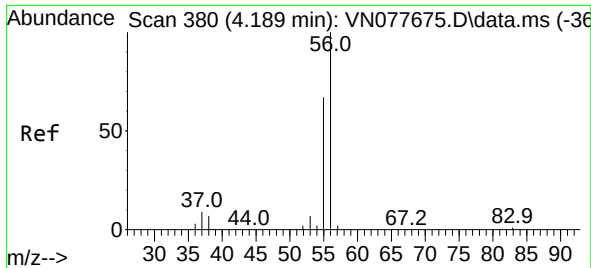


#12
1,1-Dichloroethene
Concen: 19.096 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24



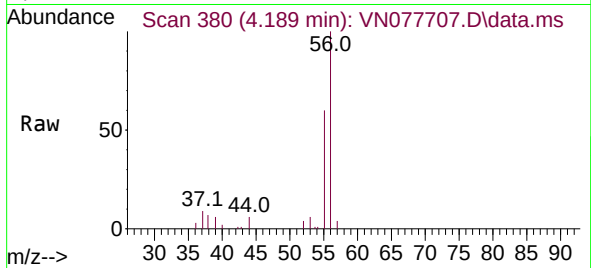
Tgt Ion: 96 Resp: 80159
Ion Ratio Lower Upper
96 100
61 163.8 112.7 169.1
98 52.5 51.2 76.8





#13
Acrolein
Concen: 97.172 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

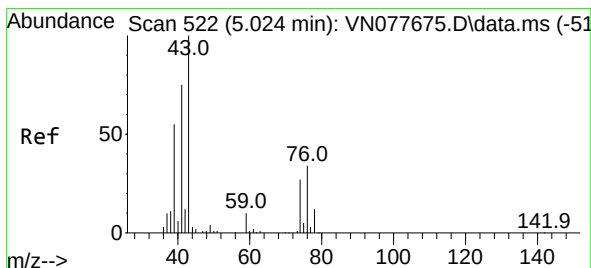
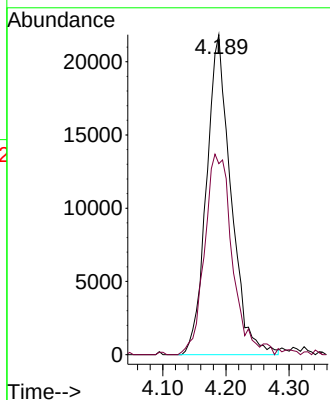
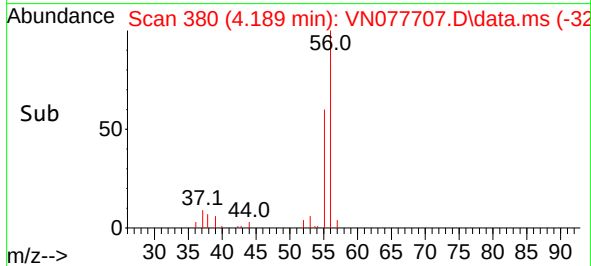
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



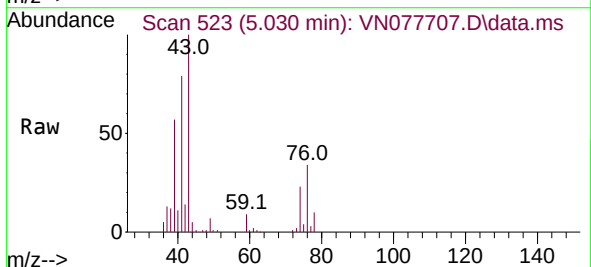
Tgt Ion: 56 Resp: 58820
Ion Ratio Lower Upper
56 100
55 69.7 54.5 81.7

Manual Integrations
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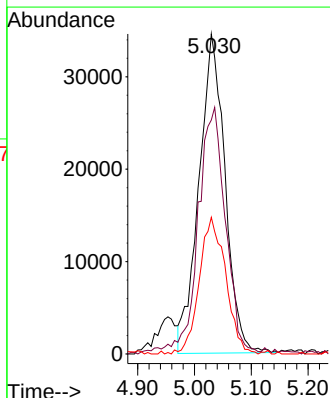
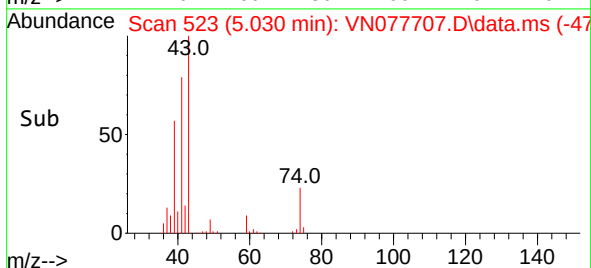
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

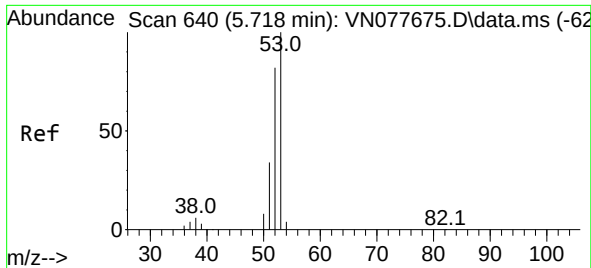


#14
Allyl chloride
Concen: 17.872 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24



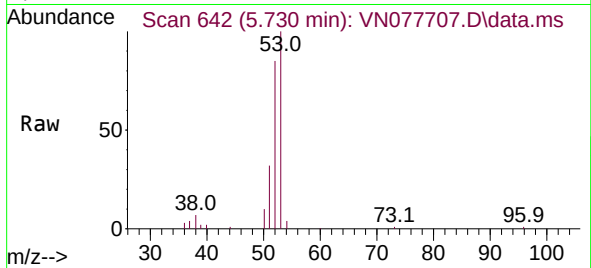
Tgt Ion: 41 Resp: 110207
Ion Ratio Lower Upper
41 100
39 81.7 58.8 88.2
76 43.3 39.1 58.7





#15
Acrylonitrile
Concen: 90.719 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

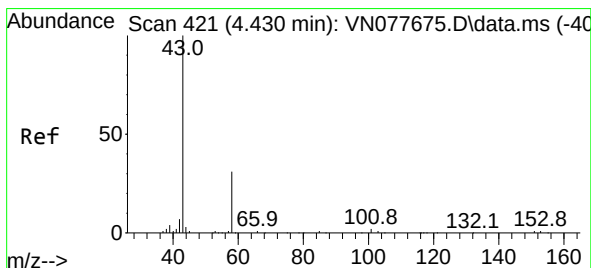
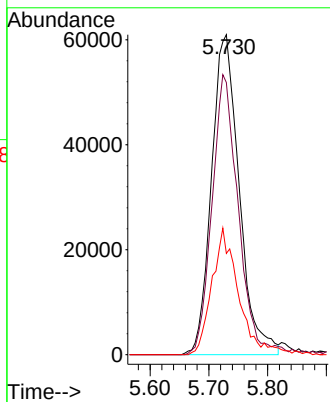
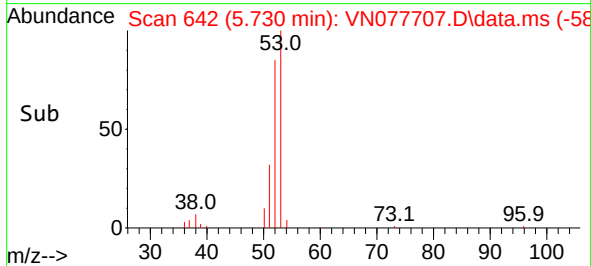
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



Tgt Ion: 53 Resp: 19974
Ion Ratio Lower Upper
53 100
52 82.8 65.3 97.9
51 38.1 28.9 43.3

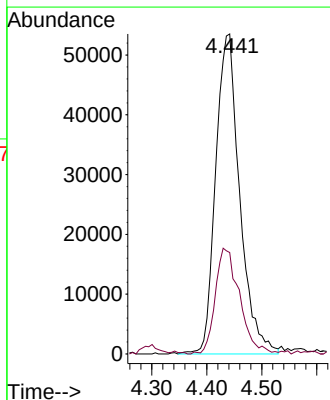
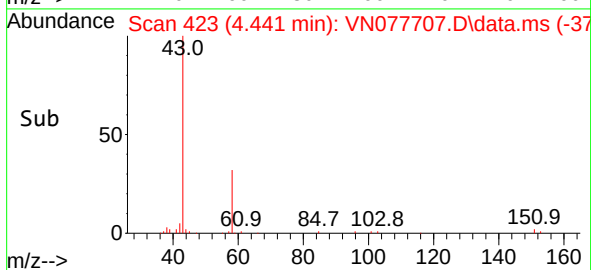
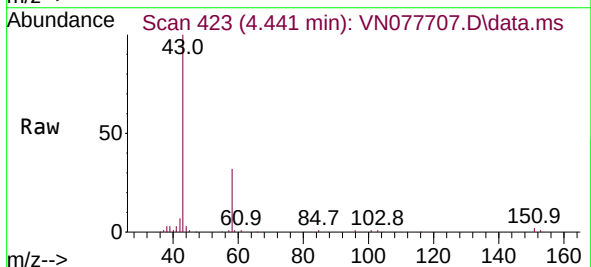
Manual Integrations
APPROVED

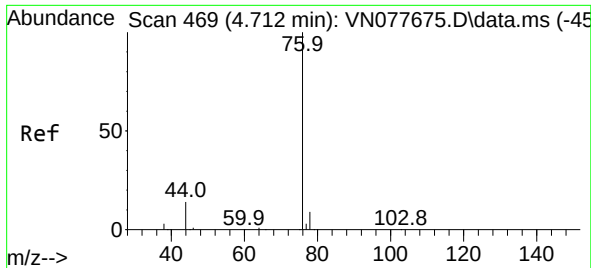
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#16
Acetone
Concen: 86.435 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.011 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

Tgt Ion: 43 Resp: 162388
Ion Ratio Lower Upper
43 100
58 31.3 28.0 42.0





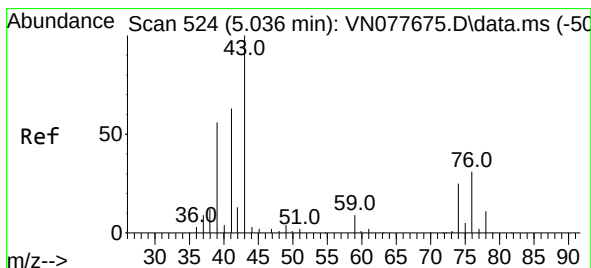
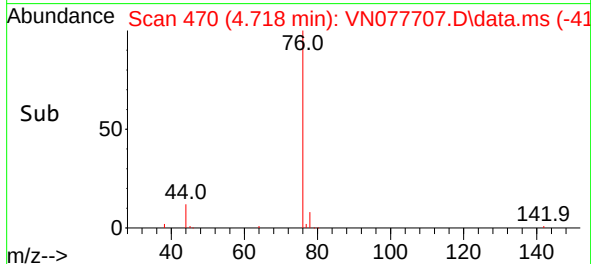
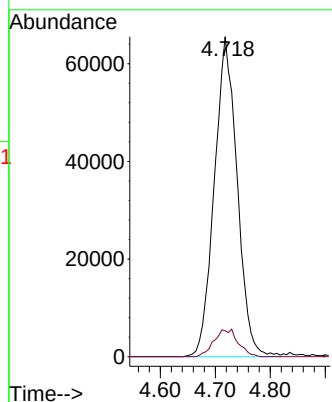
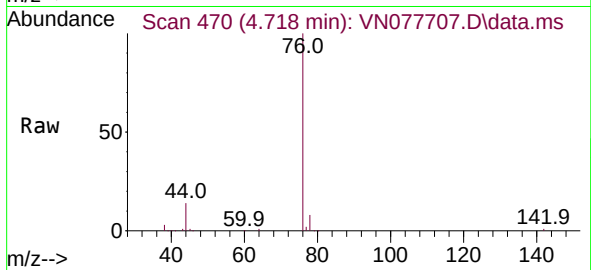
#17
Carbon Disulfide
Concen: 16.713 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

Tgt Ion: 76 Resp: 18903
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.0

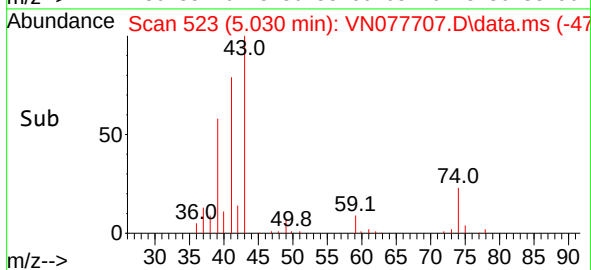
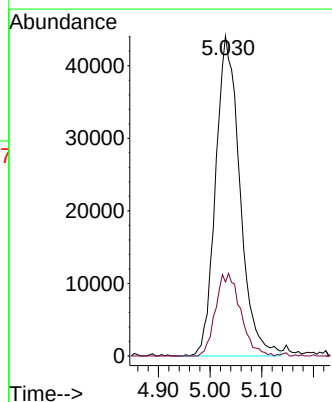
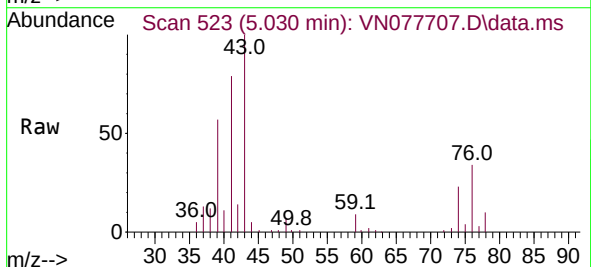
Manual Integrations
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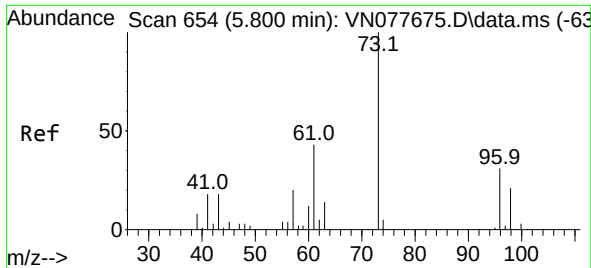
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#18
Methyl Acetate
Concen: 18.227 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

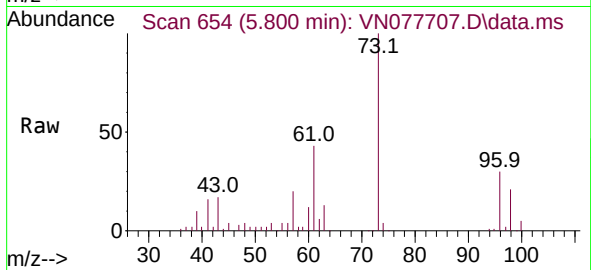
Tgt Ion: 43 Resp: 143657
Ion Ratio Lower Upper
43 100
74 26.6 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 18.791 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

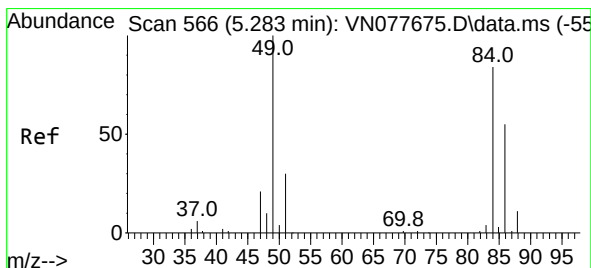
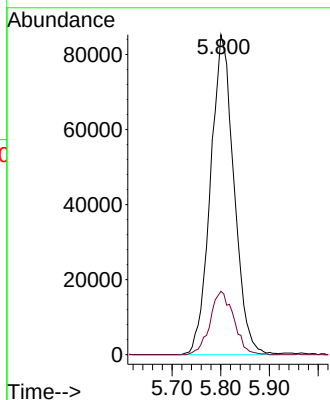
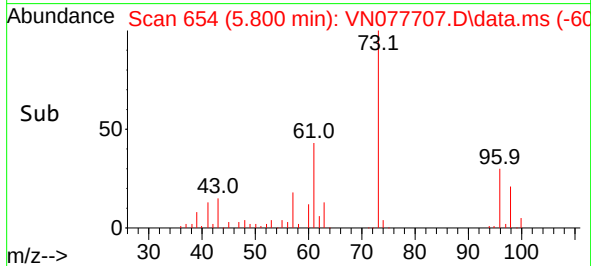
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



Tgt Ion: 73 Resp: 28550
Ion Ratio Lower Upper
73 100
57 19.8 15.6 23.4

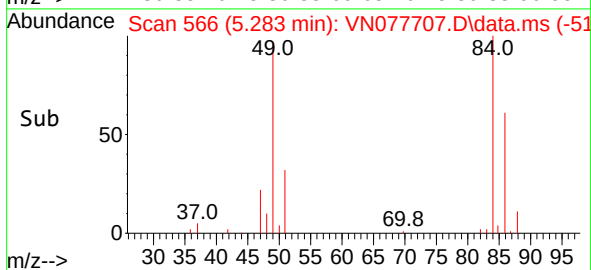
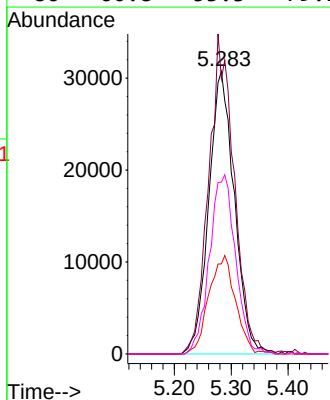
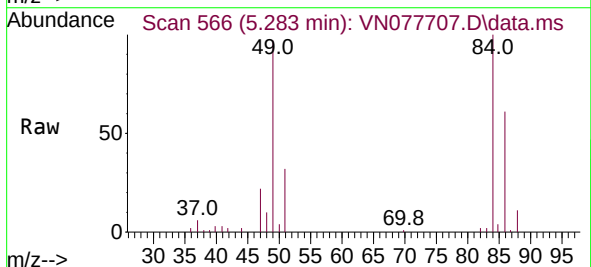
Manual Integrations
APPROVED

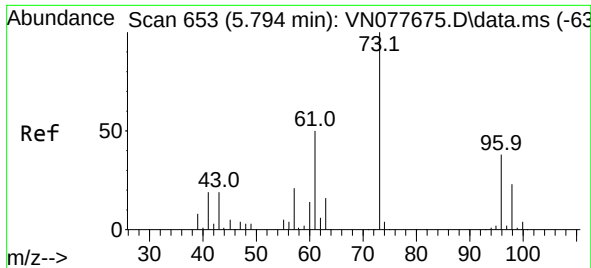
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#20
Methylene Chloride
Concen: 18.386 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

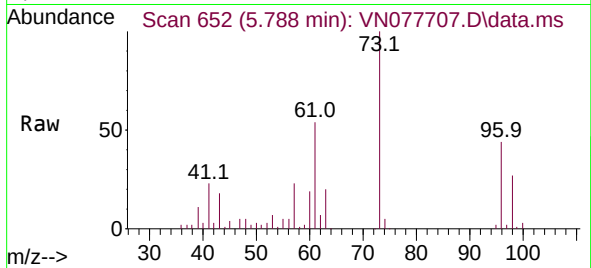
Tgt Ion: 84 Resp: 96015
Ion Ratio Lower Upper
84 100
49 97.2 79.7 119.5
51 31.9 25.2 37.8
86 60.8 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.492 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

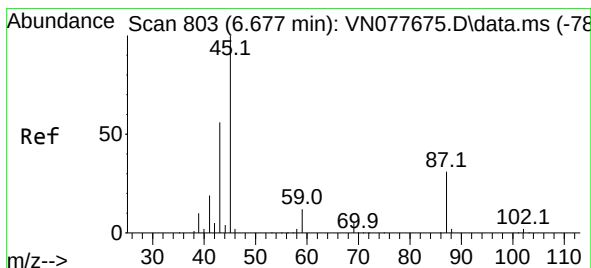
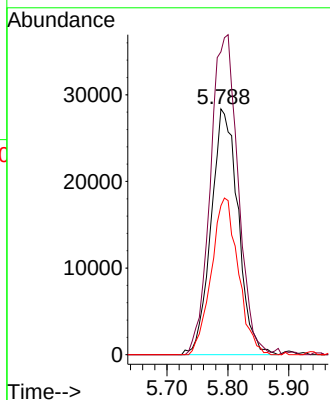
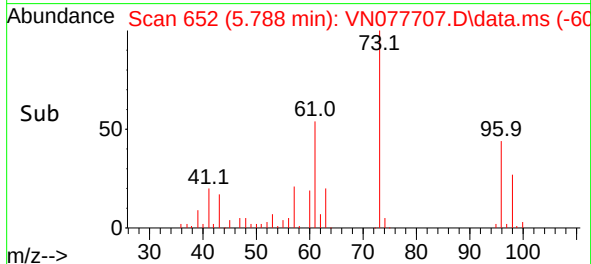
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



Tgt Ion: 96 Resp: 8719
Ion Ratio Lower Upper
96 100
61 123.3 90.1 135.1
98 60.6 46.4 69.6

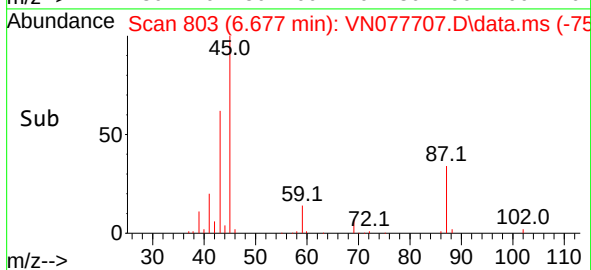
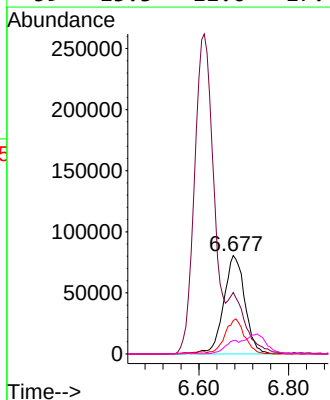
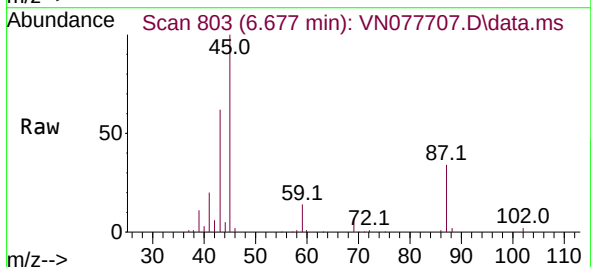
Manual Integrations
APPROVED

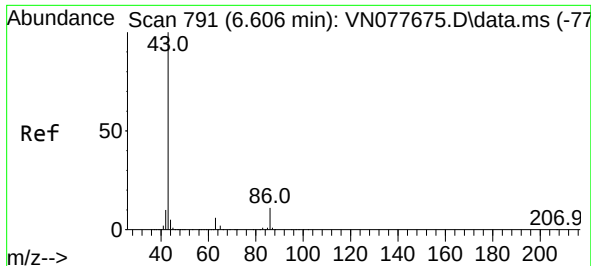
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#22
Diisopropyl ether
Concen: 18.294 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

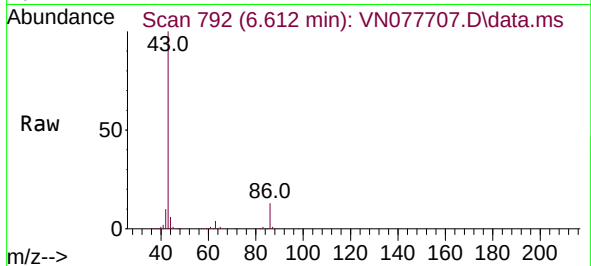
Tgt Ion: 45 Resp: 264422
Ion Ratio Lower Upper
45 100
43 60.7 45.5 68.3
87 34.0 31.8 47.8
59 13.3 11.6 17.4





#23
 Vinyl Acetate
 Concen: 86.954 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077707.D
 Acq: 17 May 2023 12:24

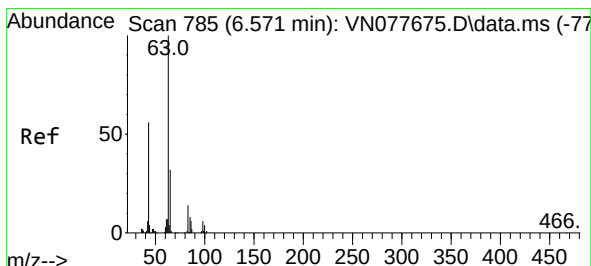
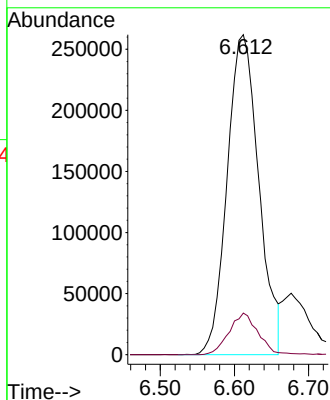
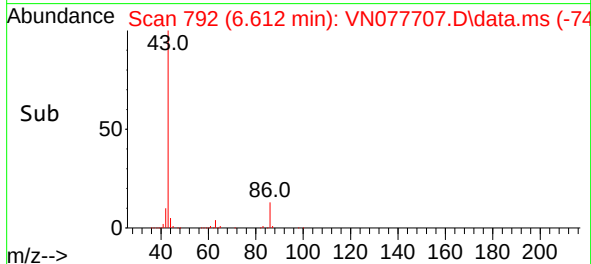
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBS01



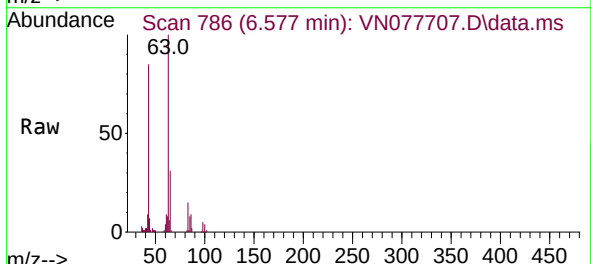
Tgt Ion: 43 Resp: 77870
 Ion Ratio Lower Upper
 43 100
 86 13.0 13.0 19.6

Manual Integrations
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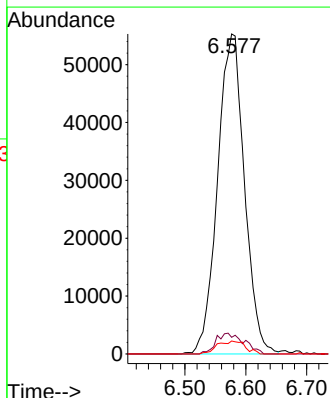
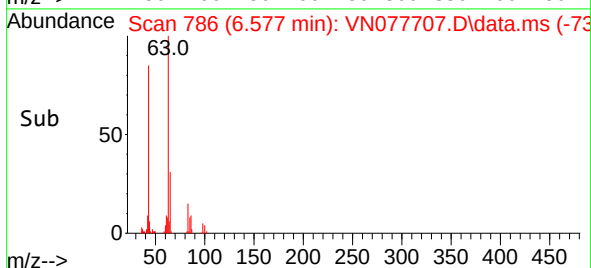
Reviewed By :John Carlone 05/18/2023
 Supervised By :Mahesh Dadoda 05/18/2023

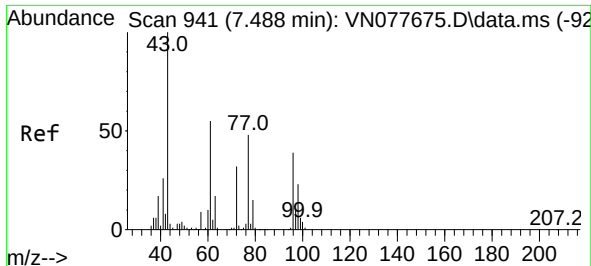


#24
 1,1-Dichloroethane
 Concen: 19.146 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077707.D
 Acq: 17 May 2023 12:24



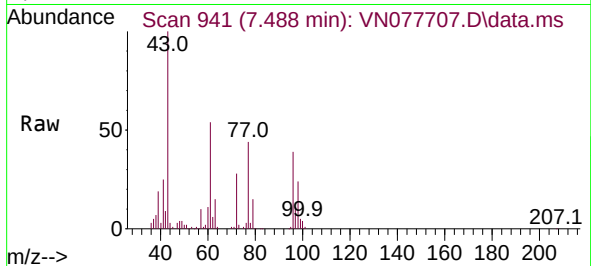
Tgt Ion: 63 Resp: 169539
 Ion Ratio Lower Upper
 63 100
 98 5.2 3.9 11.7
 100 4.1 2.5 7.4





#25
2-Butanone
Concen: 89.999 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

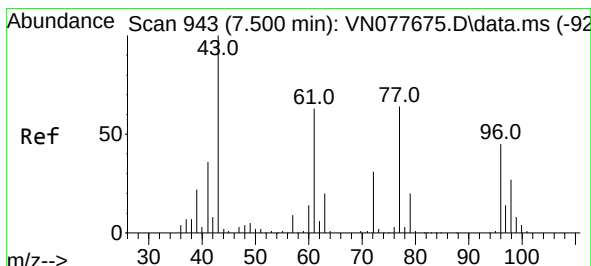
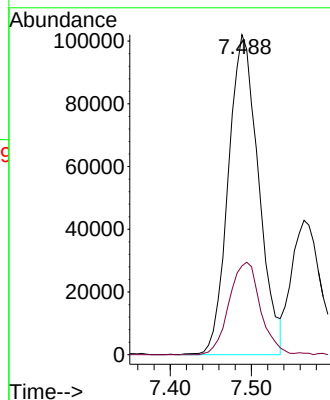
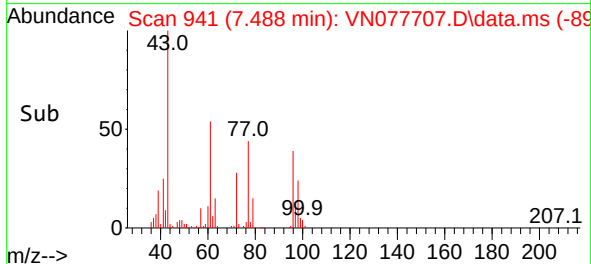
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



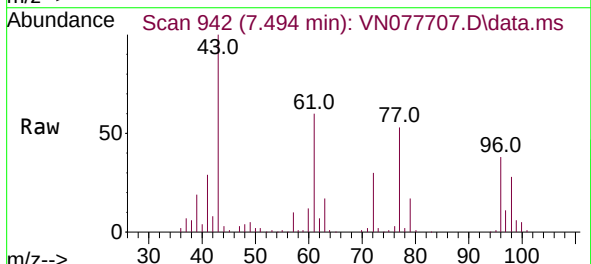
Tgt Ion: 43 Resp: 264500
Ion Ratio Lower Upper
43 100
72 27.8 30.2 45.2

Manual Integrations
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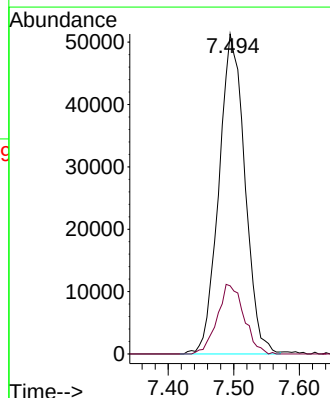
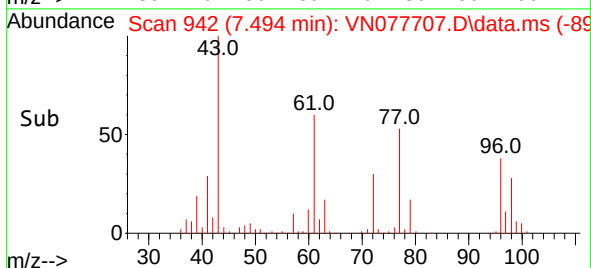
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

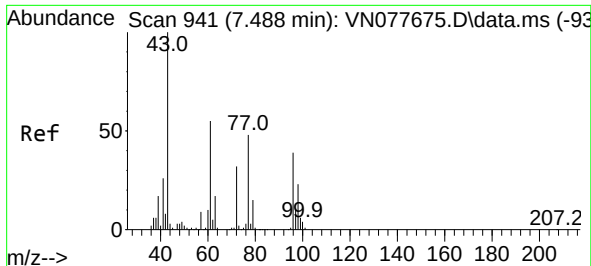


#26
2,2-Dichloropropane
Concen: 18.779 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24



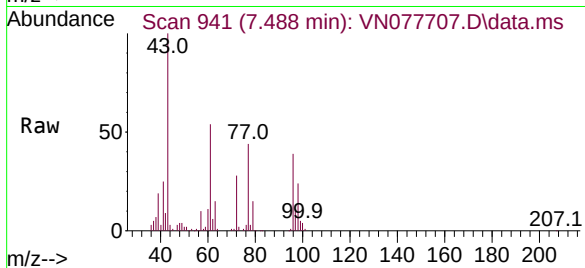
Tgt Ion: 77 Resp: 141279
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 18.429 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

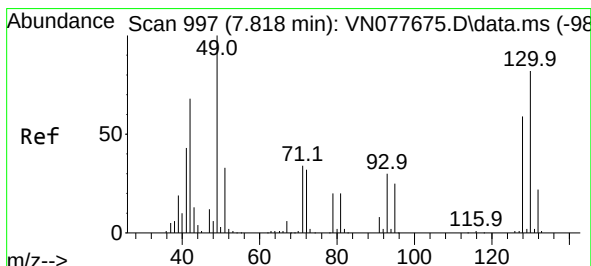
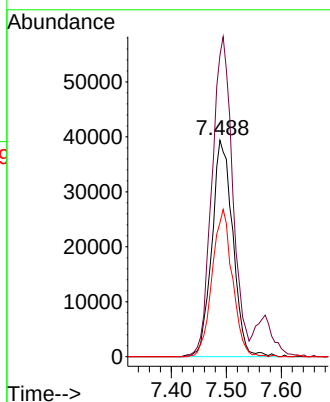
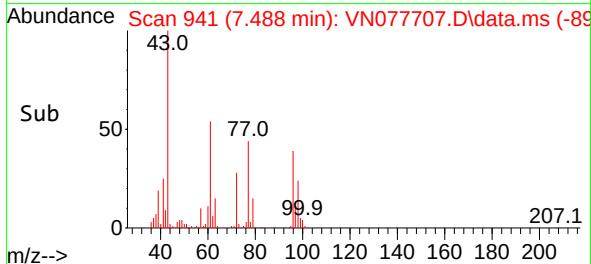
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



Tgt Ion: 96 Resp: 104194
Ion Ratio Lower Upper
96 100
61 145.9 0.0 255.2
98 65.8 0.0 128.8

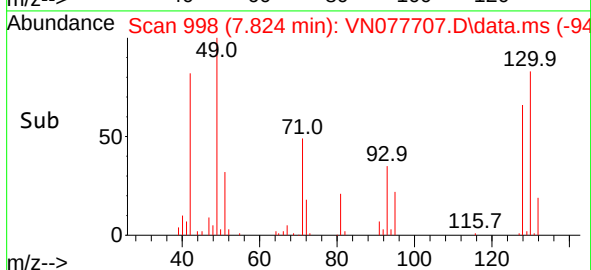
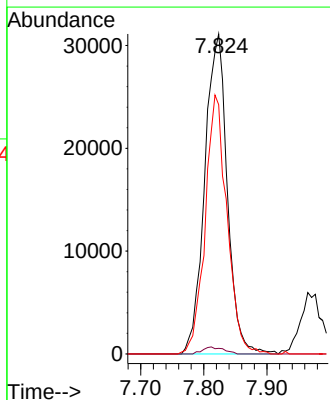
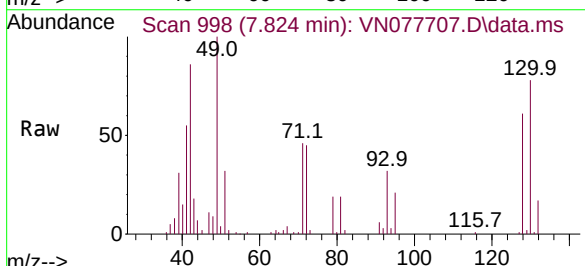
Manual Integrations
APPROVED

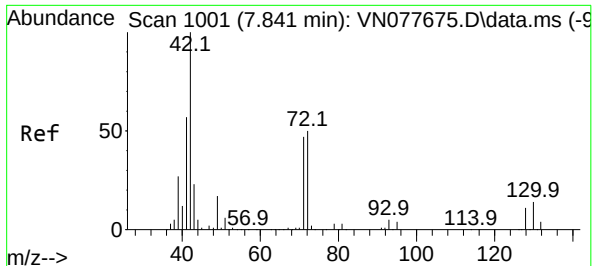
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#28
Bromochloromethane
Concen: 20.195 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

Tgt Ion: 49 Resp: 77340
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.8
130 78.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 87.388 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN077707.D

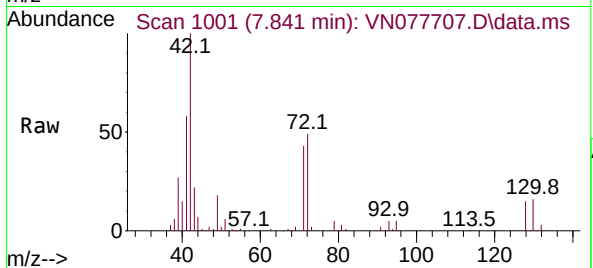
Acq: 17 May 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBS01



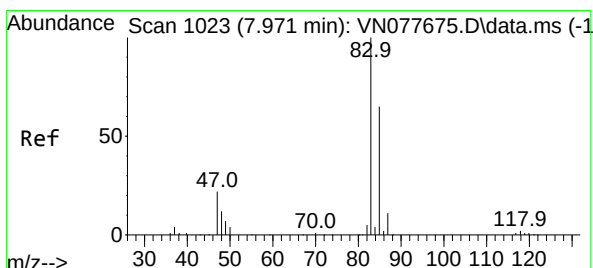
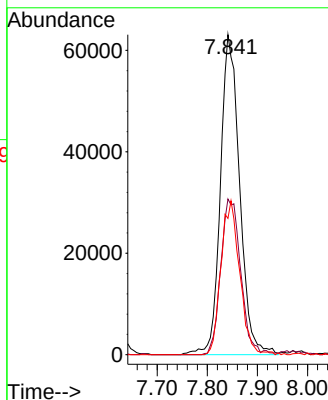
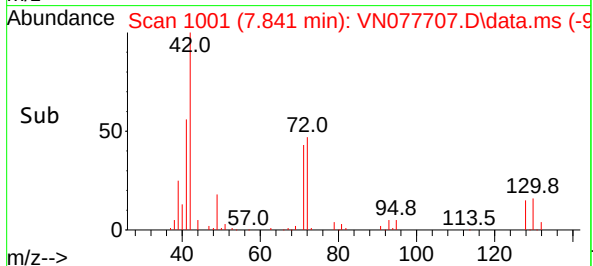
Tgt Ion:	42	Resp:	16816
Ion Ratio	Lower	Upper	
42	100		
72	50.5	49.8	74.6
71	46.6	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#30

Chloroform

Concen: 18.687 ug/l

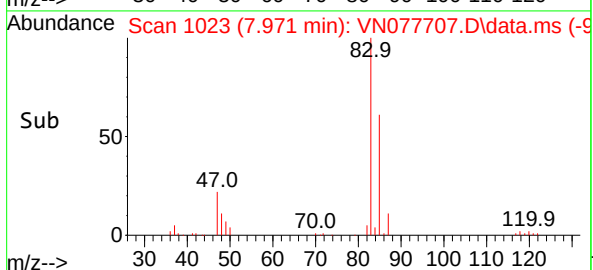
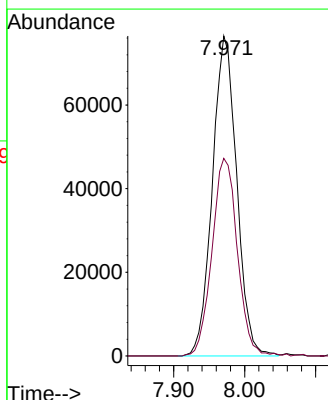
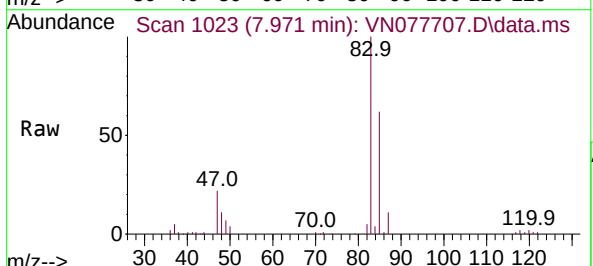
RT: 7.971 min Scan# 1023

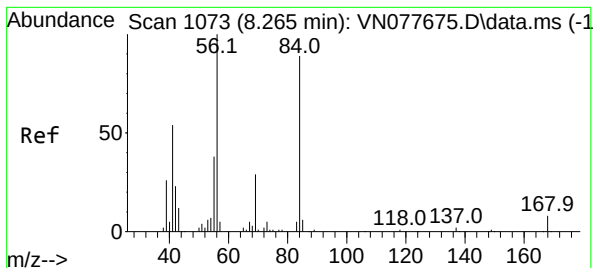
Delta R.T. -0.000 min

Lab File: VN077707.D

Acq: 17 May 2023 12:24

Tgt Ion:	83	Resp:	182034
Ion Ratio	Lower	Upper	
83	100		
85	61.8	55.4	83.0





#31

Cyclohexane

Concen: 17.901 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN077707.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBS01

Tgt Ion: 56 Resp: 145280

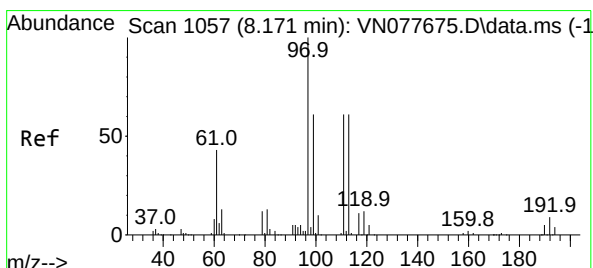
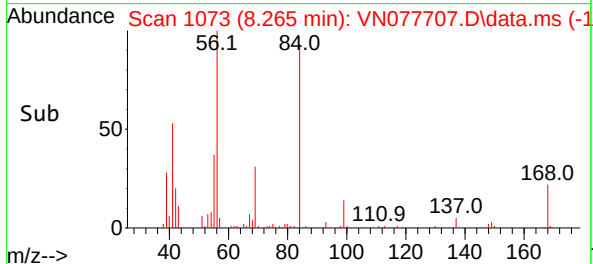
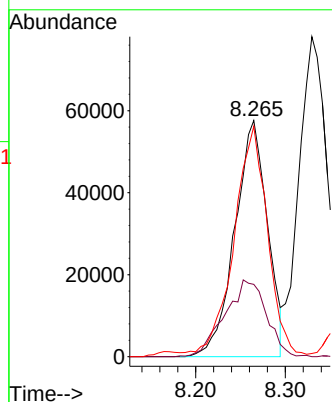
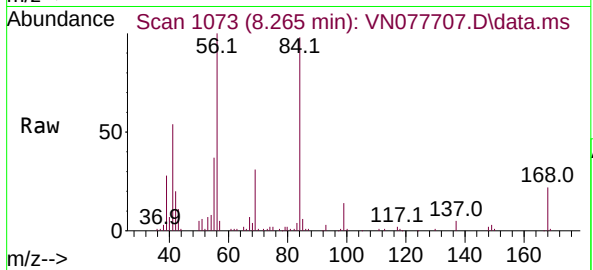
Ion	Ratio	Lower	Upper
56	100		
69	30.3	26.8	40.2
84	95.9	81.8	122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#32

1,1,1-Trichloroethane

Concen: 19.443 ug/l

RT: 8.171 min Scan# 1057

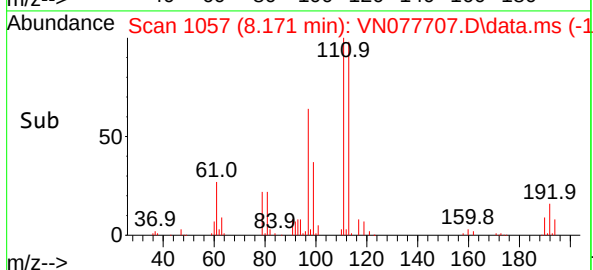
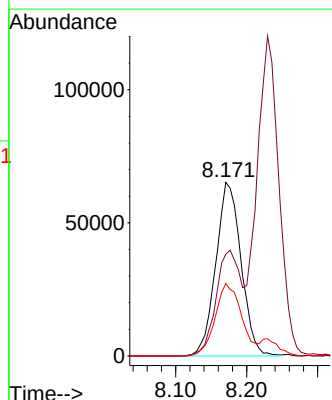
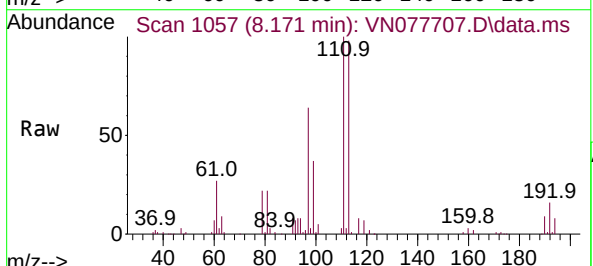
Delta R.T. -0.000 min

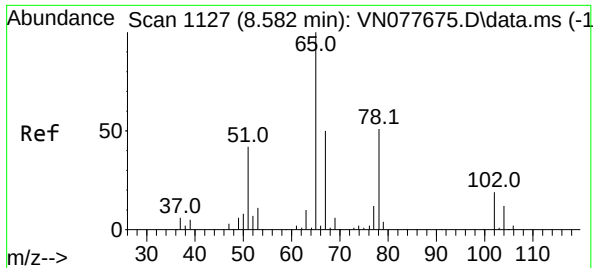
Lab File: VN077707.D

Acq: 17 May 2023 12:24

Tgt Ion: 97 Resp: 161021

Ion	Ratio	Lower	Upper
97	100		
99	58.2	50.3	75.5
61	44.2	34.7	52.1





#33

1,2-Dichloroethane-d4

Concen: 49.108 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN077707.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBS01

Tgt Ion: 65 Resp: 29325

Ion Ratio Lower Upper

65 100

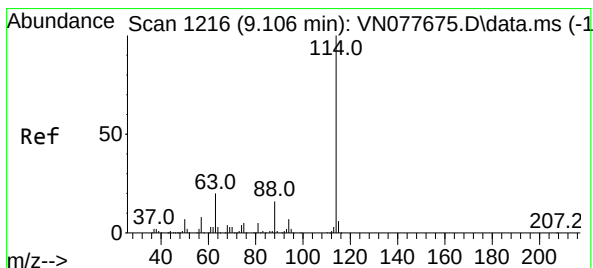
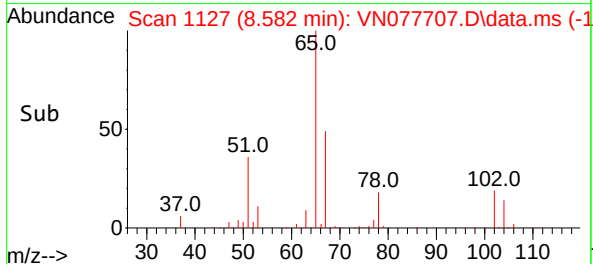
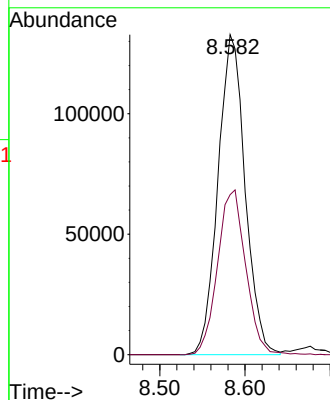
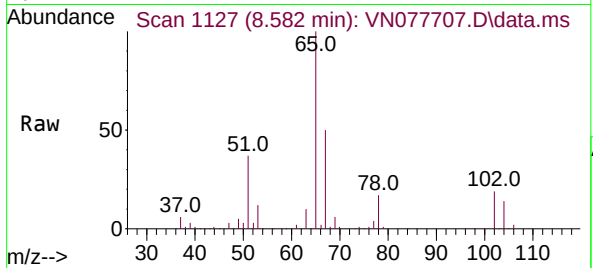
67 53.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN077707.D

Acq: 17 May 2023 12:24

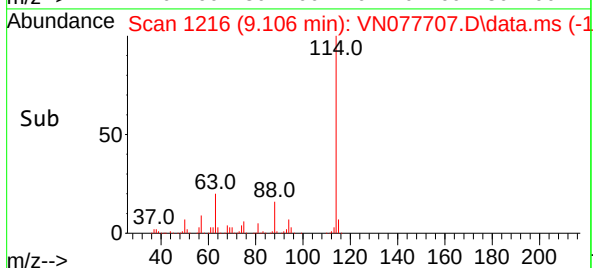
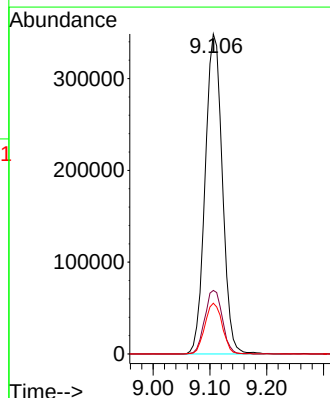
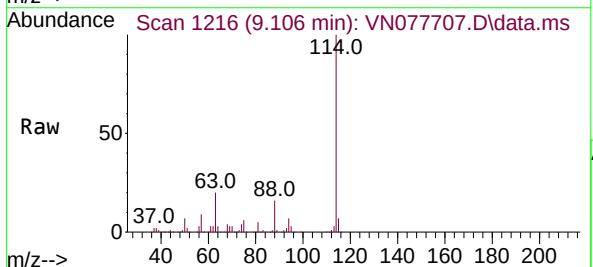
Tgt Ion:114 Resp: 730977

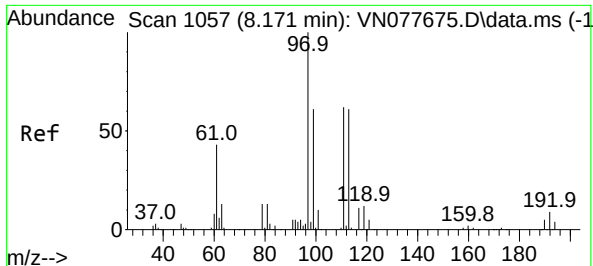
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.638 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077707.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBS01

Tgt Ion: 113 Resp: 236604

Ion Ratio Lower Upper

113 100

111 105.7 82.6 123.8

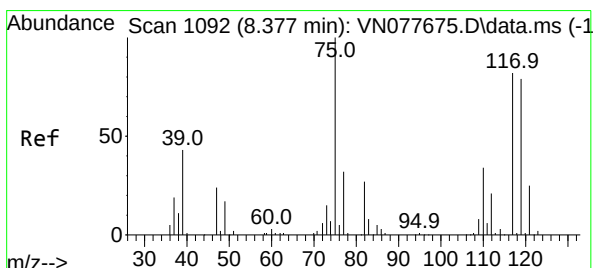
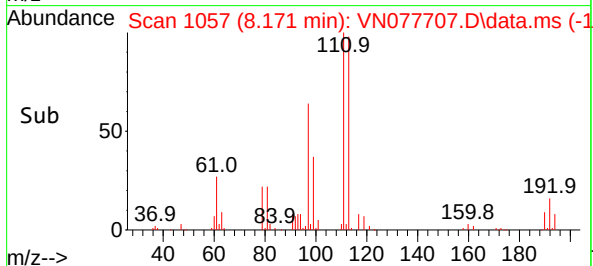
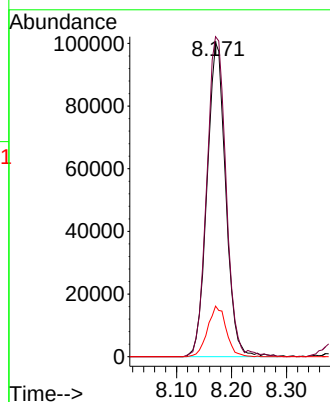
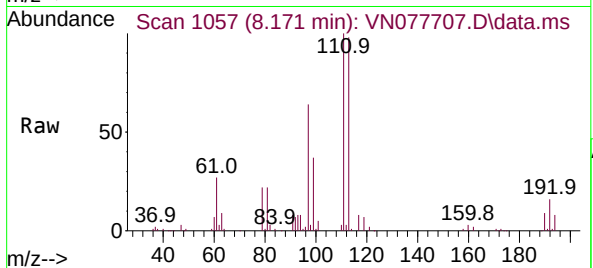
192 16.0 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#36

1,1-Dichloropropene

Concen: 18.817 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN077707.D

Acq: 17 May 2023 12:24

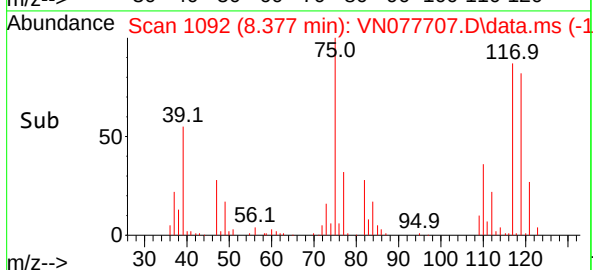
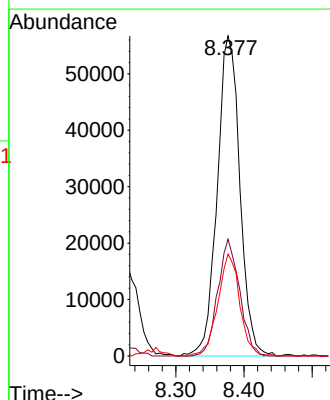
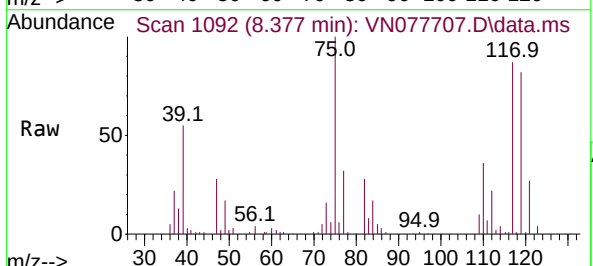
Tgt Ion: 75 Resp: 131193

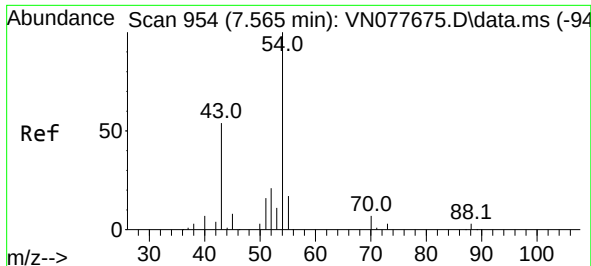
Ion Ratio Lower Upper

75 100

110 35.1 19.1 57.3

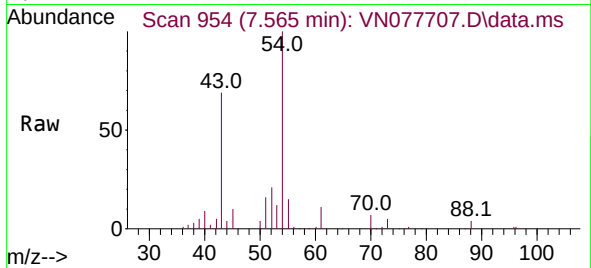
77 30.7 25.0 37.4





#37
Ethyl Acetate
Concen: 17.095 ug/l
RT: 7.565 min Scan# 954
Delta R.T. -0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

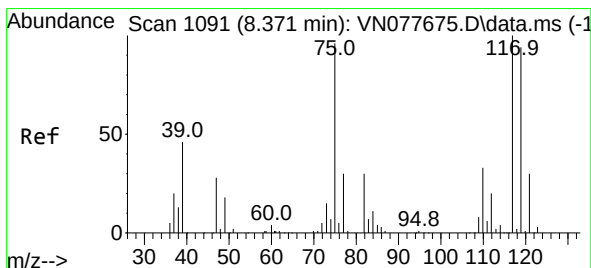
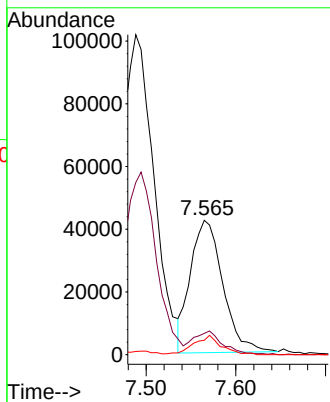
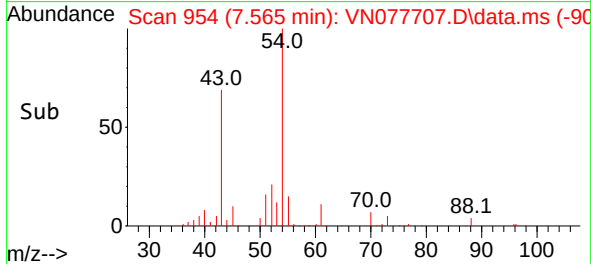
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



Tgt Ion: 43 Resp: 10623
Ion Ratio Lower Upper
43 100
61 16.4 13.2 19.8
70 12.3 11.3 16.9

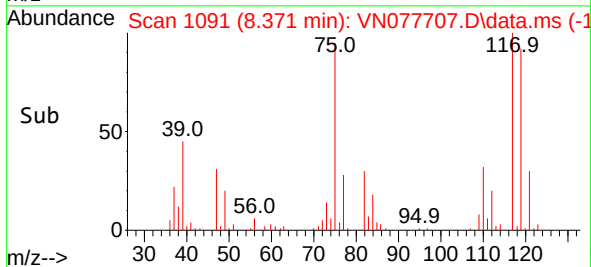
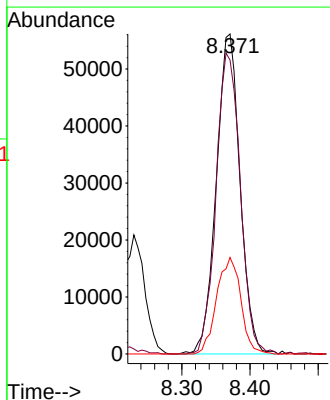
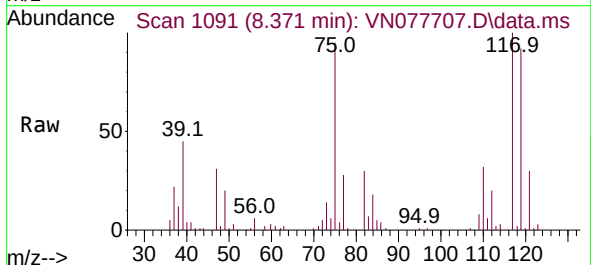
Manual Integrations
APPROVED

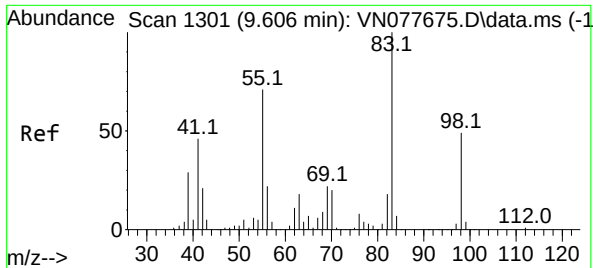
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#38
Carbon Tetrachloride
Concen: 19.352 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

Tgt Ion:117 Resp: 136244
Ion Ratio Lower Upper
117 100
119 91.9 77.3 115.9
121 30.1 23.3 34.9





#39

Methylcyclohexane

Concen: 18.956 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077707.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBS01

Tgt Ion: 83 Resp: 161800

Ion Ratio Lower Upper

83 100

55 70.7 49.1 73.7

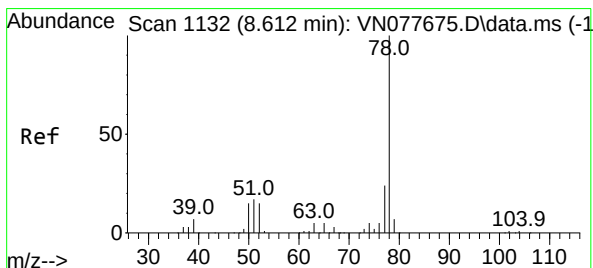
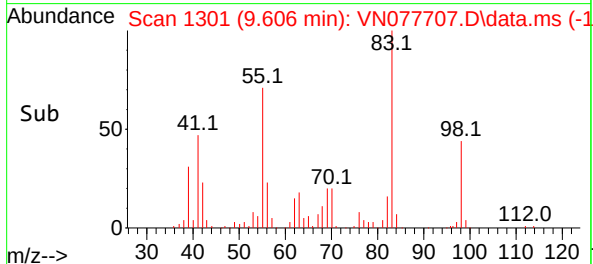
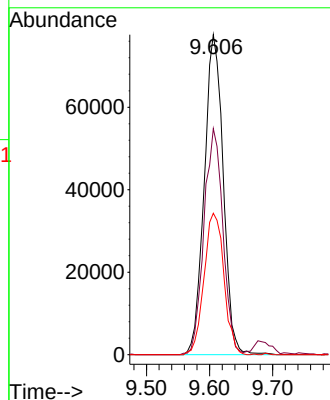
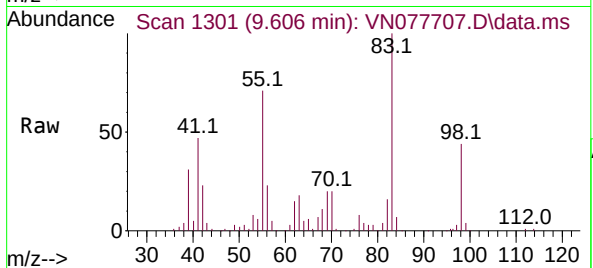
98 44.2 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#40

Benzene

Concen: 18.951 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077707.D

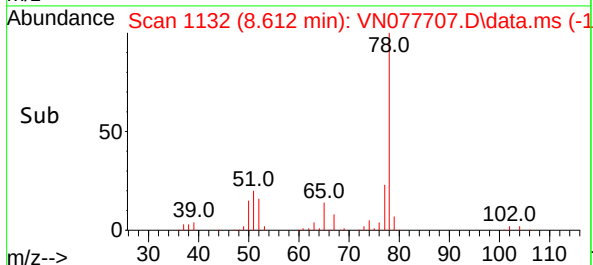
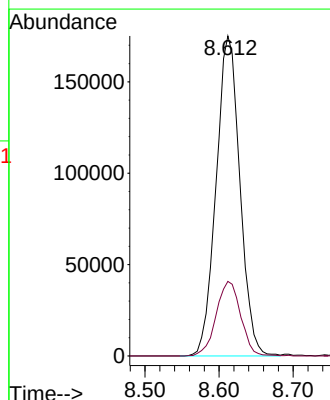
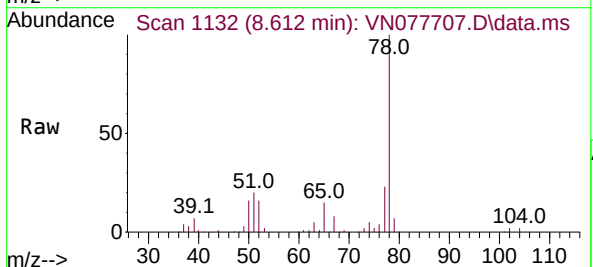
Acq: 17 May 2023 12:24

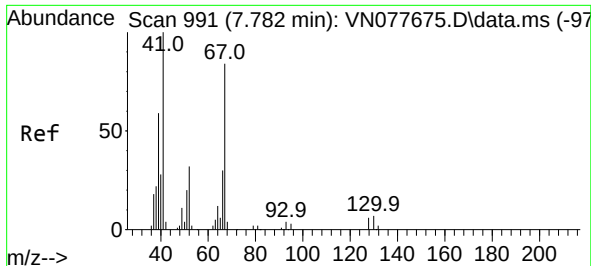
Tgt Ion: 78 Resp: 389890

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6





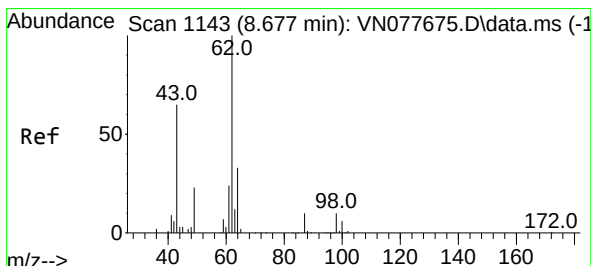
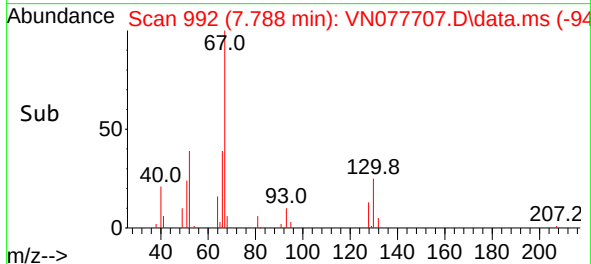
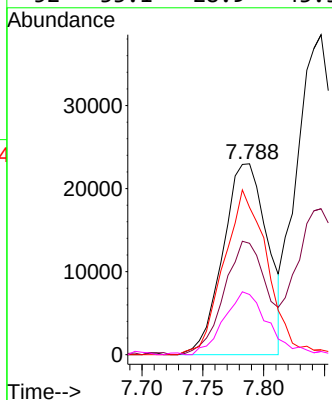
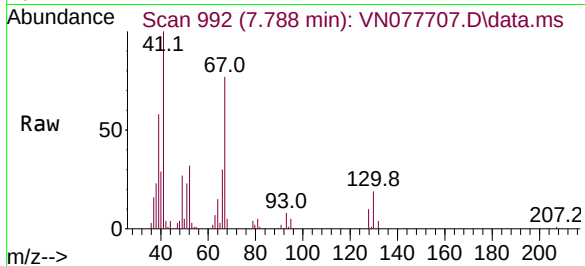
#41
Methacrylonitrile
Concen: 17.627 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

Tgt Ion: 41 Resp: 58330
Ion Ratio Lower Upper
41 100
39 57.3 42.6 64.0
67 85.6 77.5 116.3
52 33.1 28.9 43.3

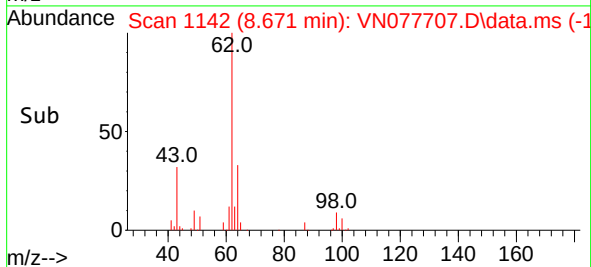
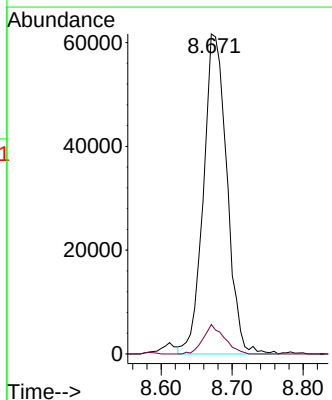
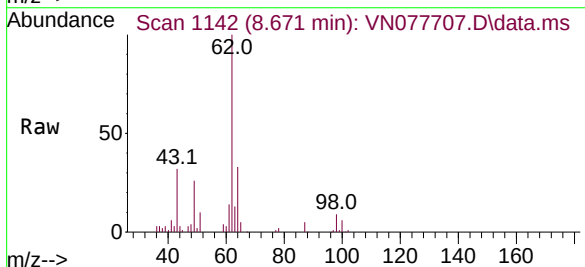
Manual Integrations
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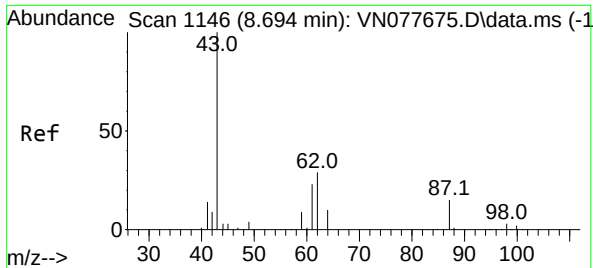
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#42
1,2-Dichloroethane
Concen: 18.925 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

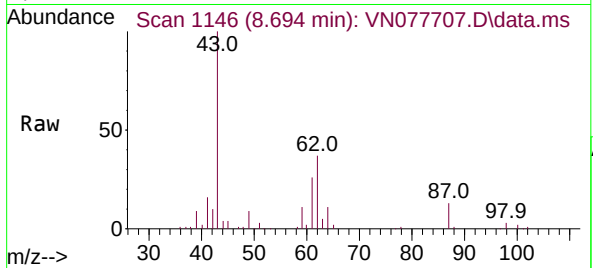
Tgt Ion: 62 Resp: 141437
Ion Ratio Lower Upper
62 100
98 8.3 0.0 19.8





#43
Isopropyl Acetate
Concen: 18.171 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

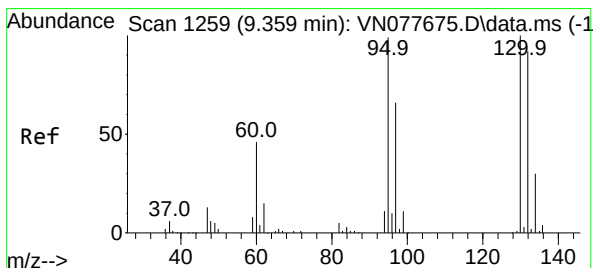
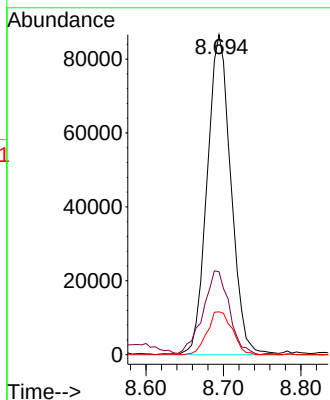
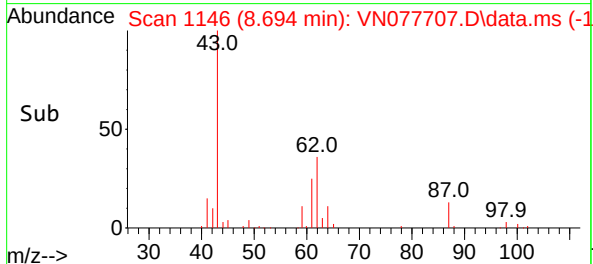
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



Tgt Ion: 43 Resp: 18443
Ion Ratio Lower Upper
43 100
61 29.1 24.7 37.1
87 14.1 14.6 21.8

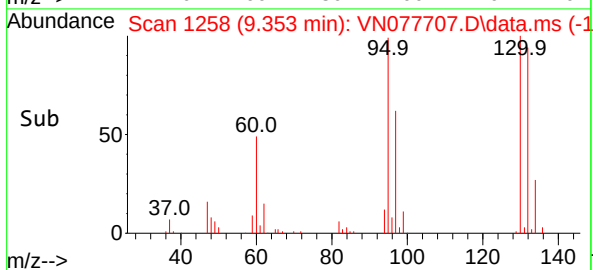
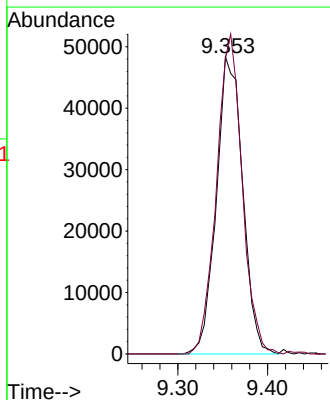
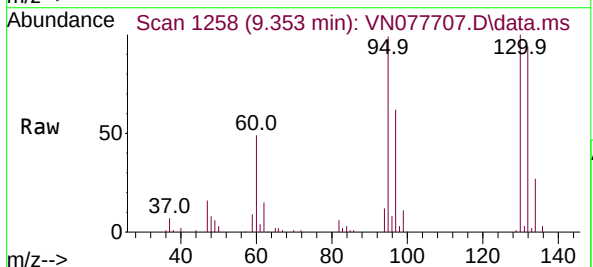
Manual Integrations
APPROVED

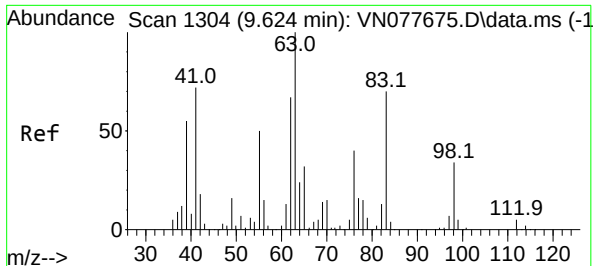
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#44
Trichloroethene
Concen: 18.924 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

Tgt Ion:130 Resp: 98586
Ion Ratio Lower Upper
130 100
95 99.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.245 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.001 min

Lab File: VN077707.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBS01

Tgt Ion: 63 Resp: 100992

Ion Ratio Lower Upper

63 100

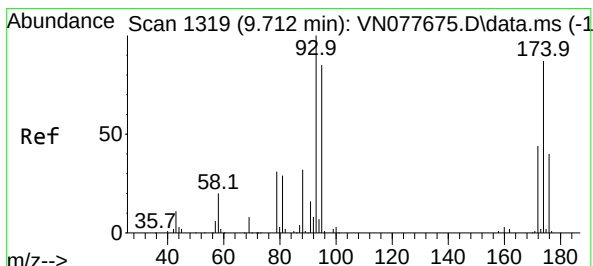
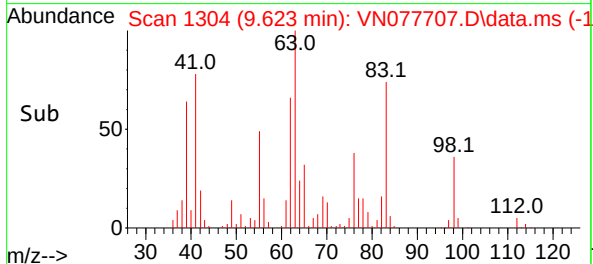
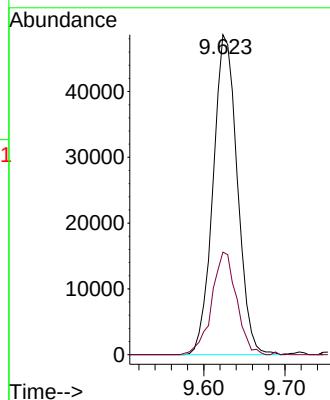
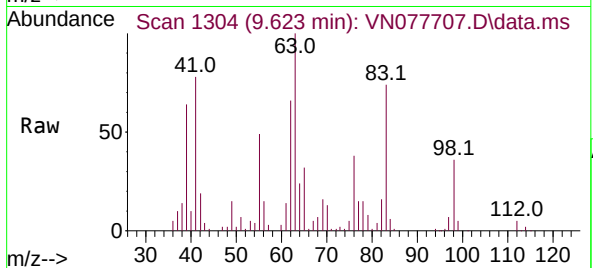
65 32.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#46

Dibromomethane

Concen: 18.904 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077707.D

Acq: 17 May 2023 12:24

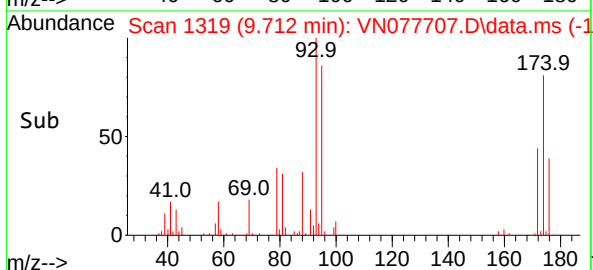
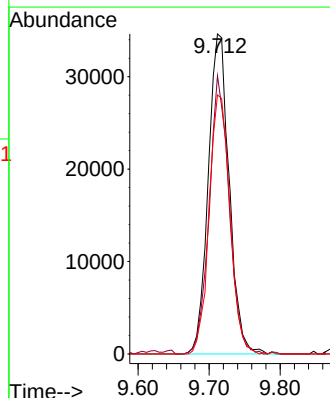
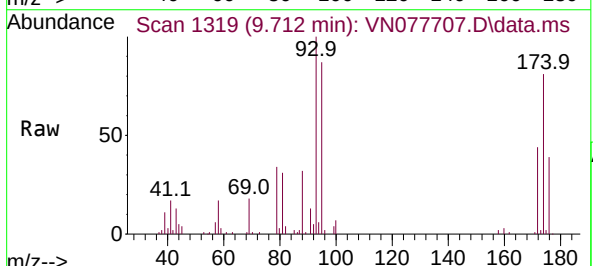
Tgt Ion: 93 Resp: 70988

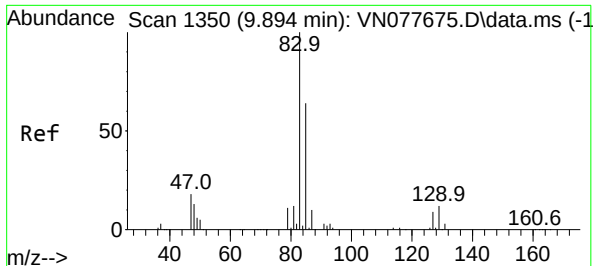
Ion Ratio Lower Upper

93 100

95 82.4 63.8 95.8

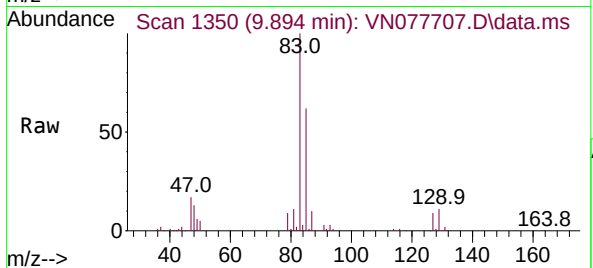
174 80.6 65.6 98.4





#47
Bromodichloromethane
Concen: 19.653 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

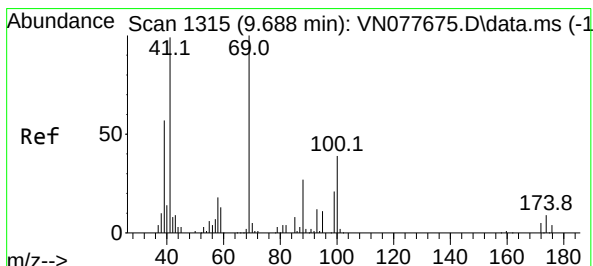
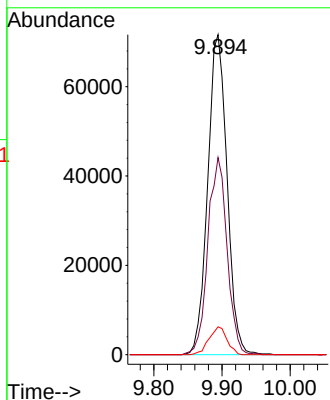
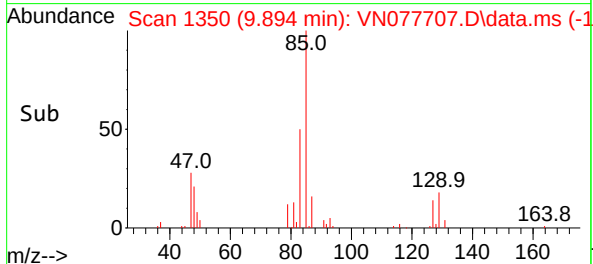
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



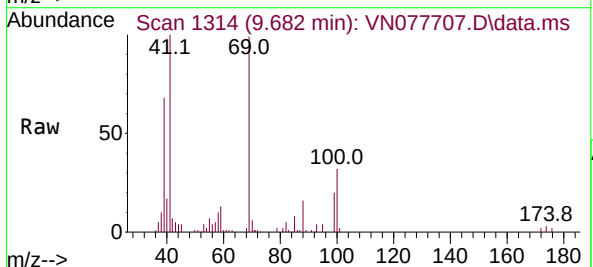
Tgt Ion: 83 Resp: 141294
Ion Ratio Lower Upper
83 100
85 61.6 49.6 74.4
127 8.7 7.0 10.6

Manual Integrations
APPROVED

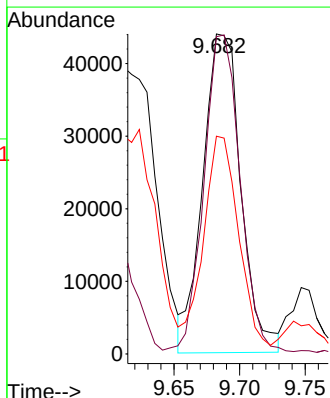
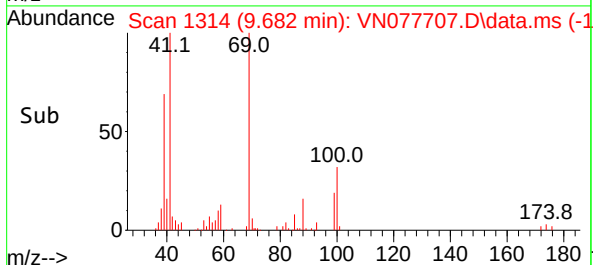
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

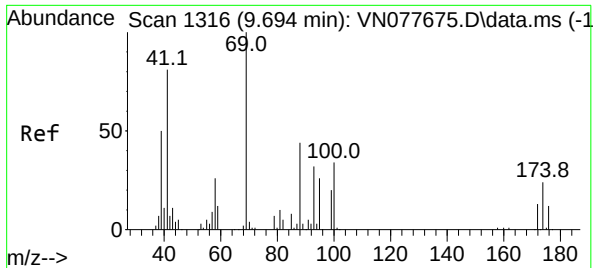


#48
Methyl methacrylate
Concen: 18.474 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24



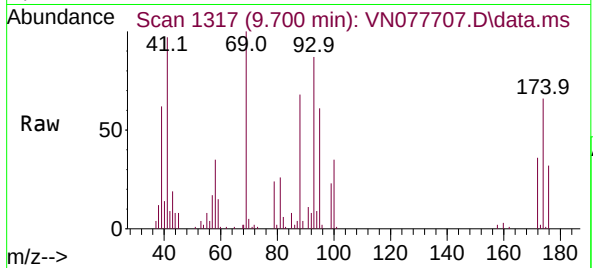
Tgt Ion: 41 Resp: 88904
Ion Ratio Lower Upper
41 100
69 94.1 90.4 135.6
39 64.5 54.6 81.8





#49
1,4-Dioxane
Concen: 361.766 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

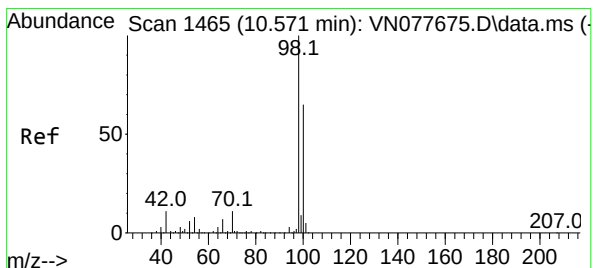
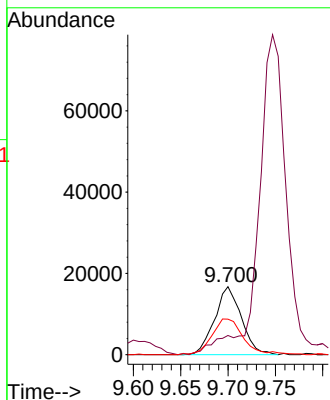
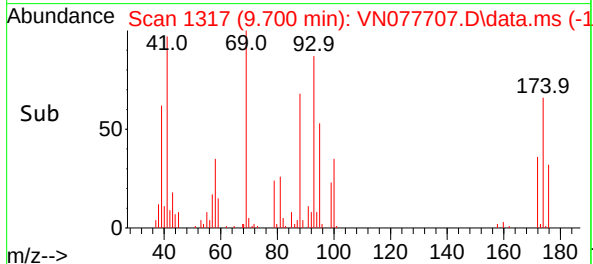
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



Tgt Ion: 88 Resp: 3288
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6
58 61.9 47.0 70.4

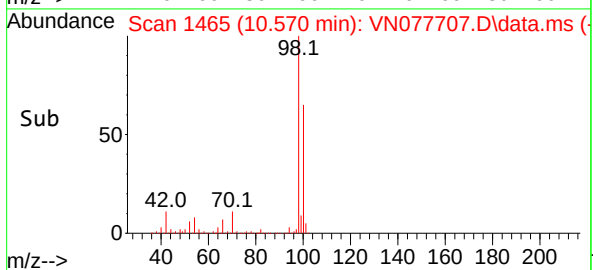
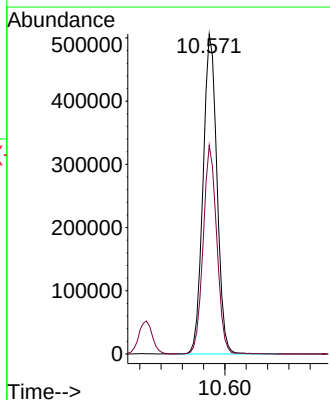
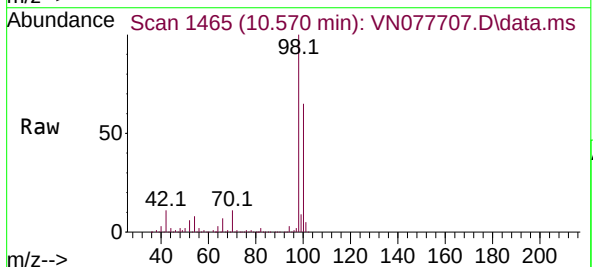
Manual Integrations
APPROVED

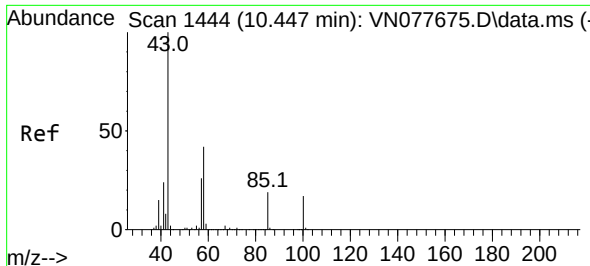
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#50
Toluene-d8
Concen: 49.883 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

Tgt Ion: 98 Resp: 915212
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0





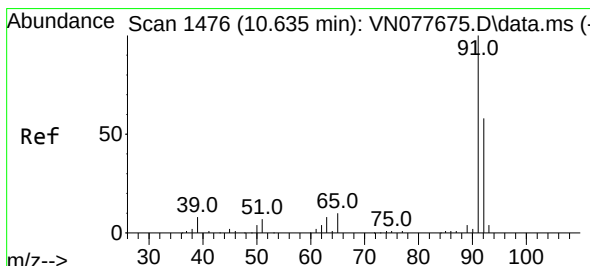
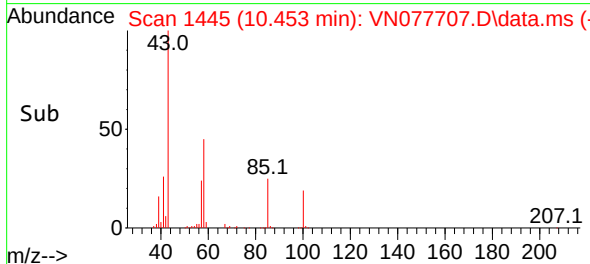
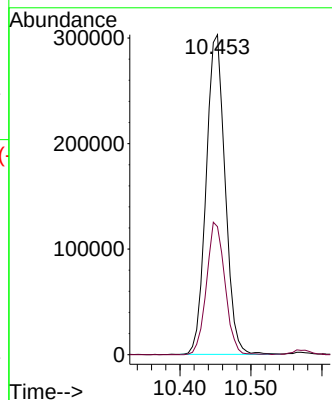
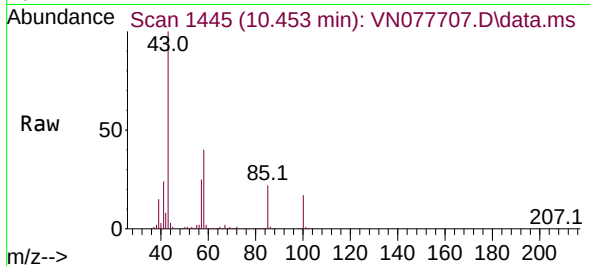
#51
4-Methyl-2-Pentanone
Concen: 92.999 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

Tgt Ion: 43 Resp: 56109
Ion Ratio Lower Upper
43 100
58 40.4 36.6 54.8

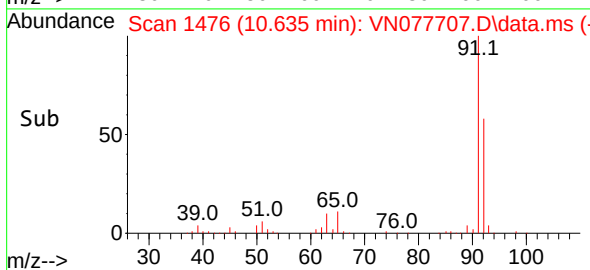
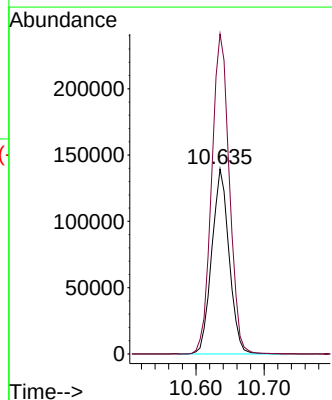
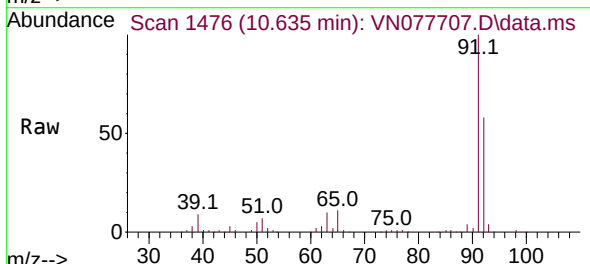
Manual Integrations
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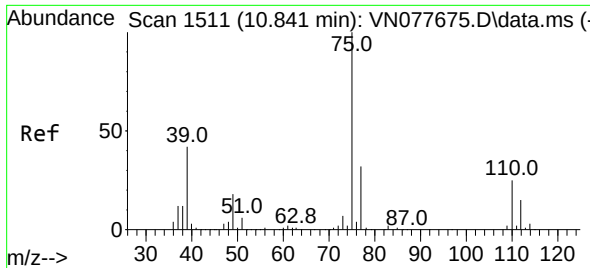
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#52
Toluene
Concen: 19.276 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

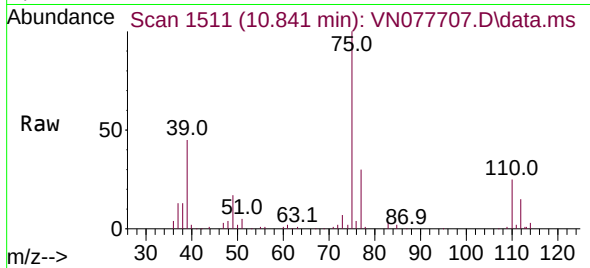
Tgt Ion: 92 Resp: 246890
Ion Ratio Lower Upper
92 100
91 177.1 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 18.365 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN077707.D
 Acq: 17 May 2023 12:24

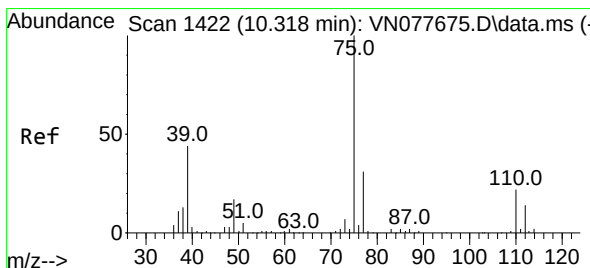
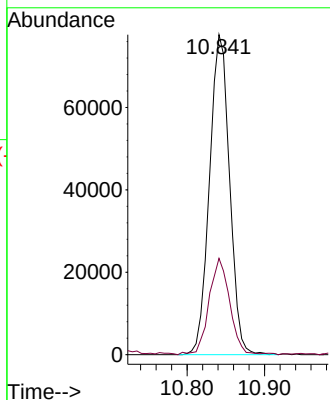
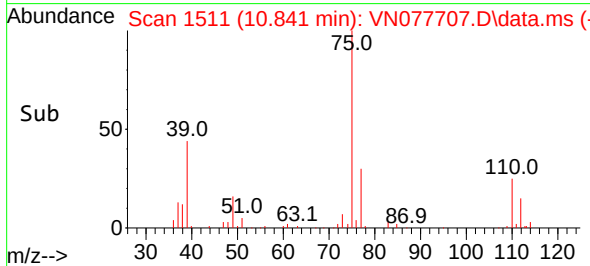
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBS01



Tgt Ion: 75 Resp: 139819
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.4 38.0

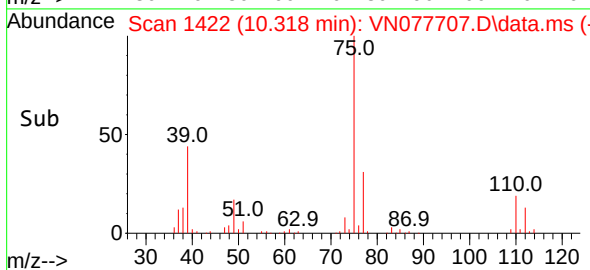
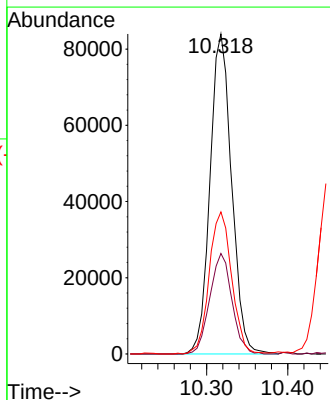
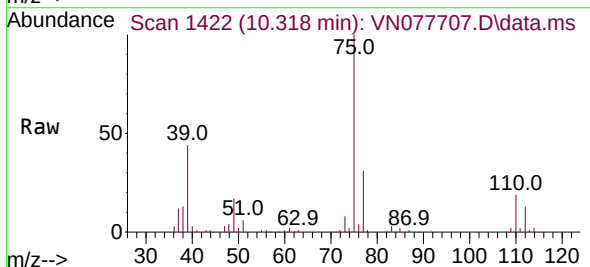
Manual Integrations
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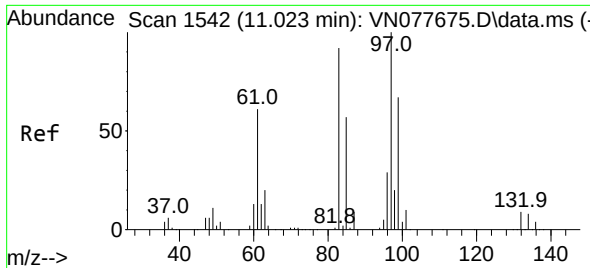
Reviewed By :John Carlone 05/18/2023
 Supervised By :Mahesh Dadoda 05/18/2023



#54
 cis-1,3-Dichloropropene
 Concen: 18.496 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN077707.D
 Acq: 17 May 2023 12:24

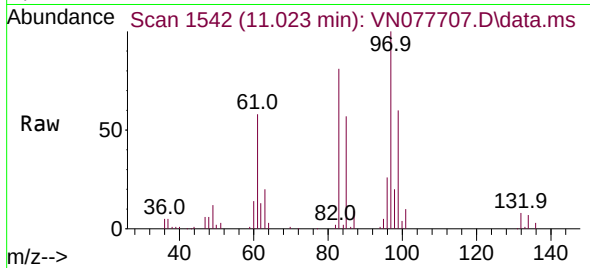
Tgt Ion: 75 Resp: 155178
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.1 39.1
 39 44.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.045 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

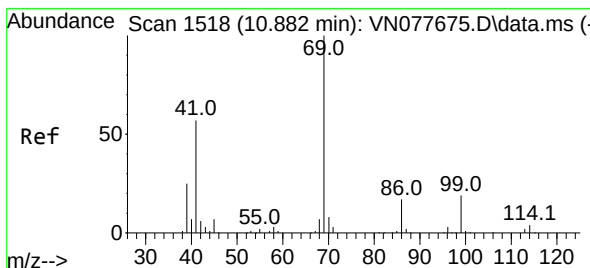
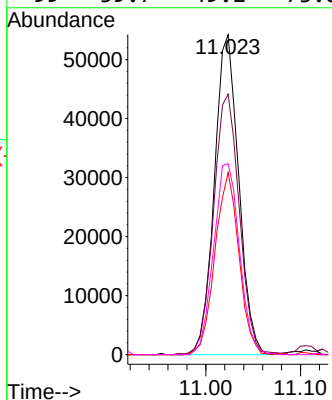
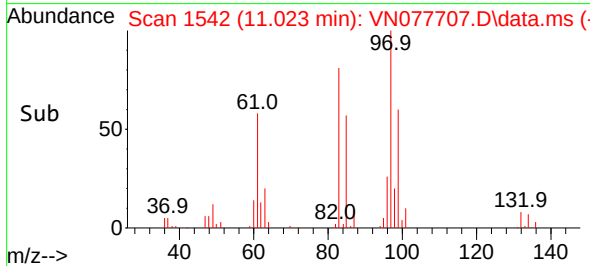
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



Tgt Ion:	97	Resp:	9685
Ion Ratio	100	Lower	Upper
97	100		
83	81.1	65.1	97.7
85	56.9	43.4	65.2
99	59.7	49.2	73.8

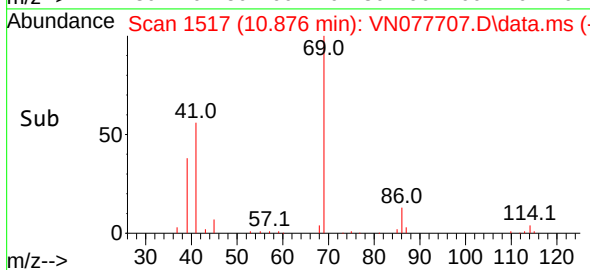
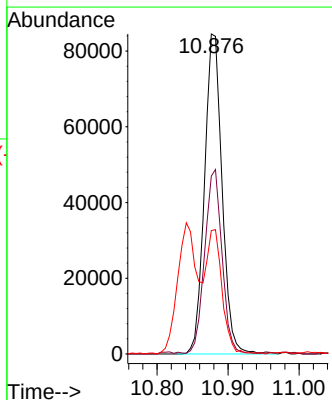
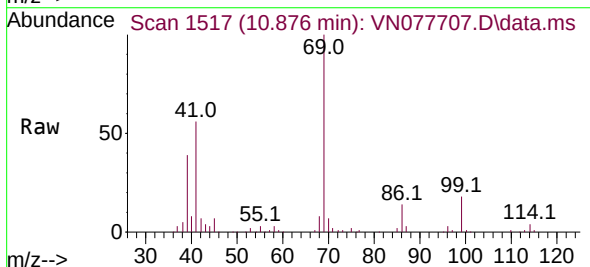
Manual Integrations
APPROVED

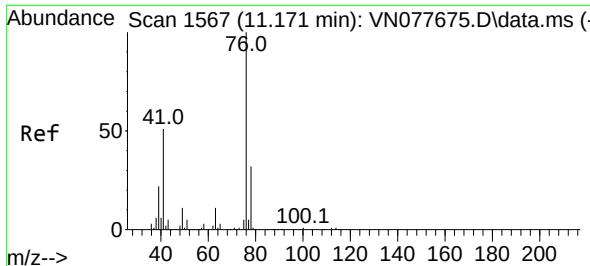
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#56
Ethyl methacrylate
Concen: 18.921 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

Tgt Ion:	69	Resp:	145496
Ion Ratio	100	Lower	Upper
69	100		
41	56.3	39.6	59.4
39	32.8	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.536 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.001 min

Lab File: VN077707.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBS01

Tgt Ion: 76 Resp: 170320

Ion Ratio Lower Upper

76 100

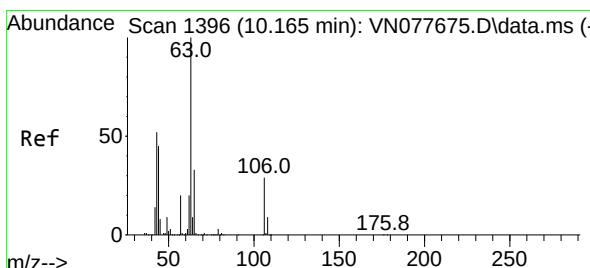
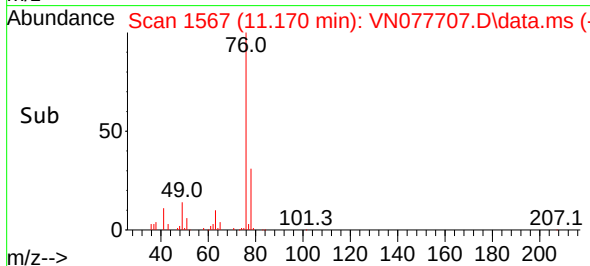
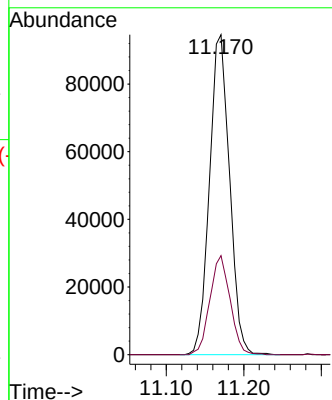
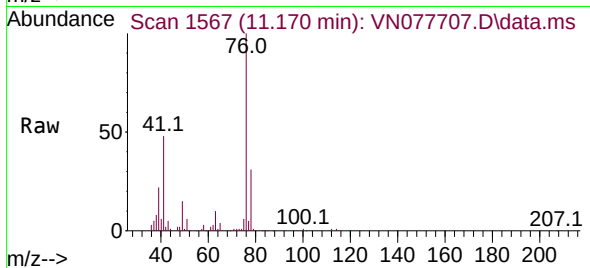
78 31.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 98.182 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077707.D

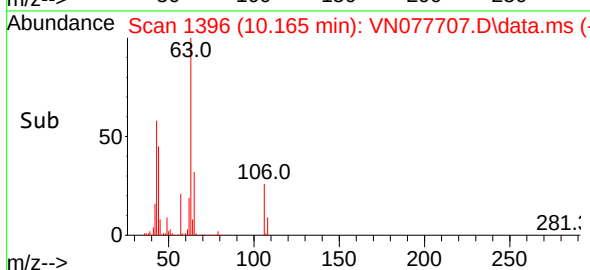
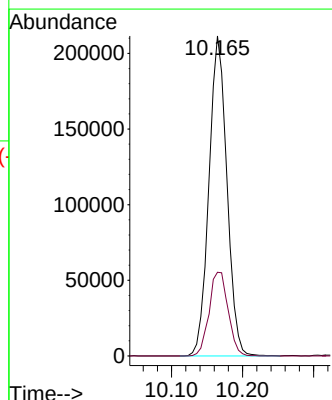
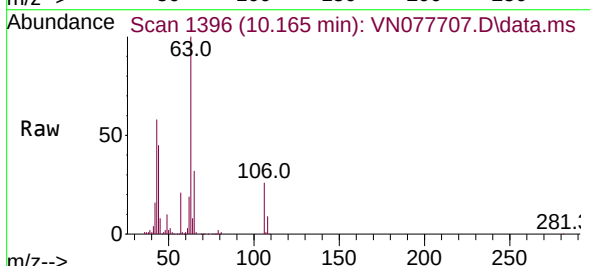
Acq: 17 May 2023 12:24

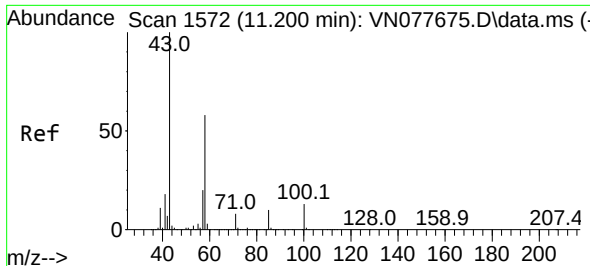
Tgt Ion: 63 Resp: 371416

Ion Ratio Lower Upper

63 100

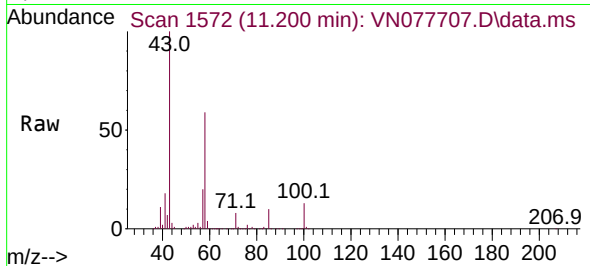
106 27.7 26.2 39.4





#59
2-Hexanone
Concen: 89.878 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

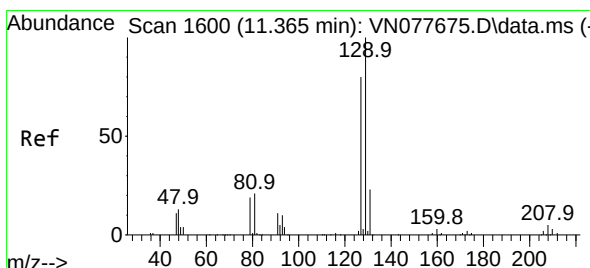
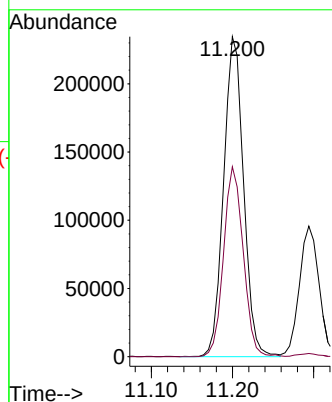
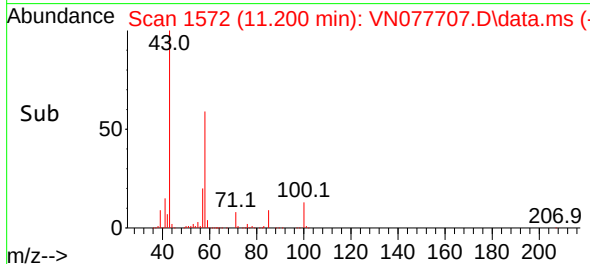
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



Tgt Ion: 43 Resp: 401099
Ion Ratio Lower Upper
43 100
58 58.5 31.7 95.1

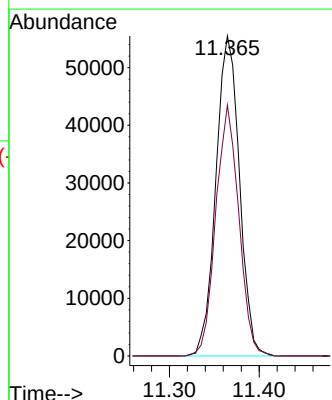
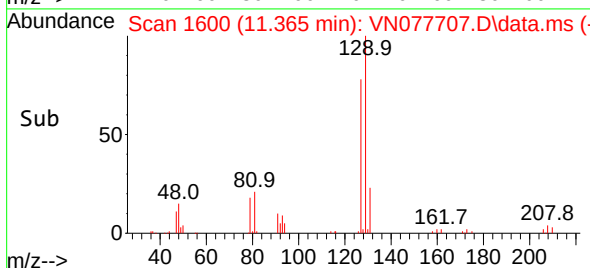
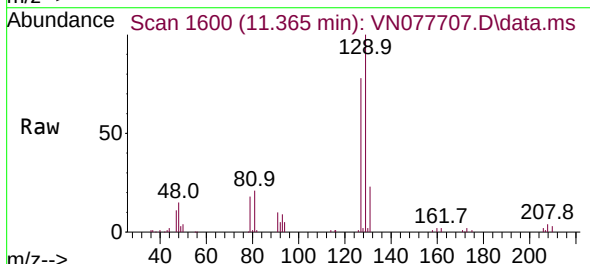
Manual Integrations
APPROVED

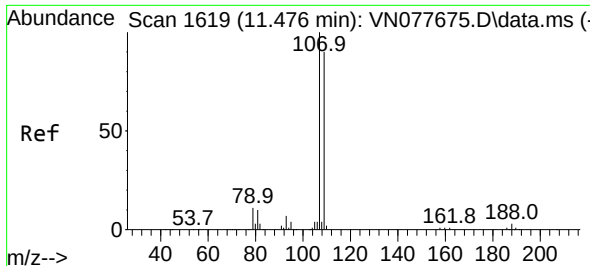
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#60
Dibromochloromethane
Concen: 19.296 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

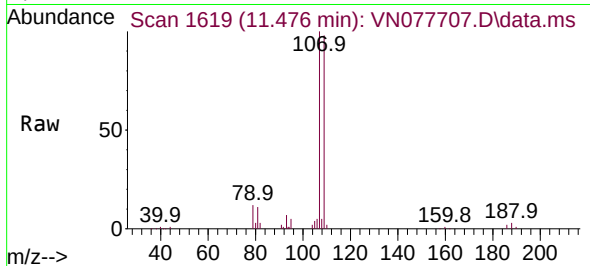
Tgt Ion:129 Resp: 101308
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.299 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

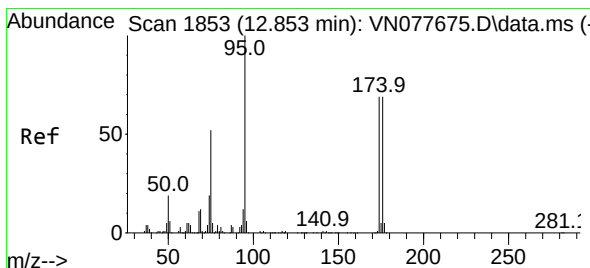
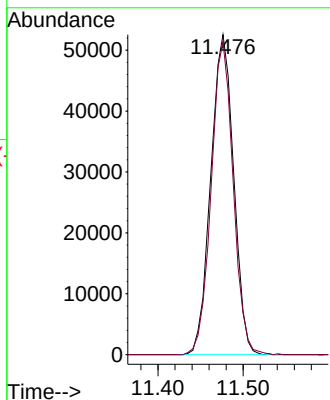
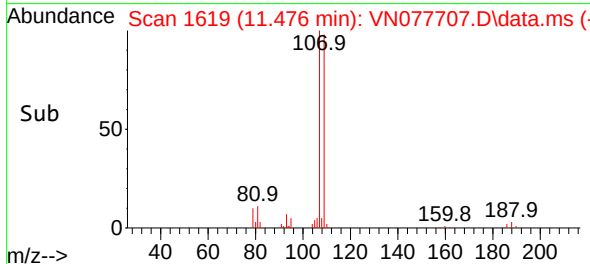
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



Tgt Ion:107 Resp: 97910
Ion Ratio Lower Upper
107 100
109 94.1 76.6 114.8

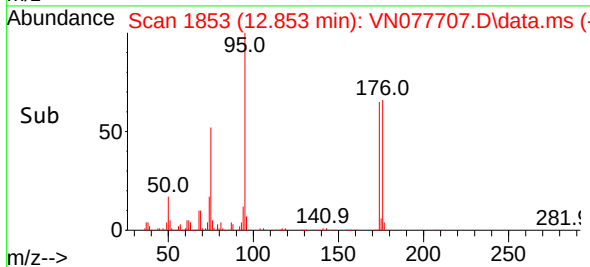
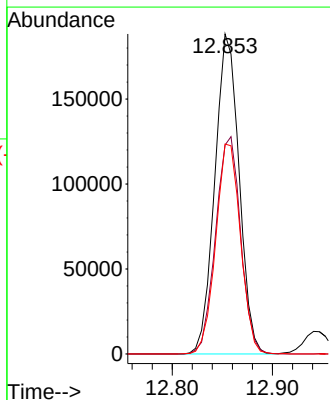
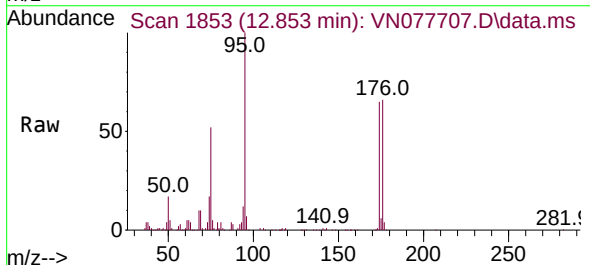
Manual Integrations
APPROVED

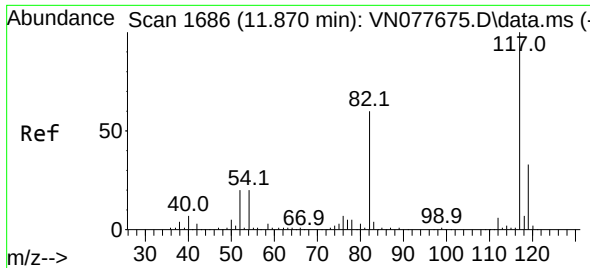
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#62
4-Bromofluorobenzene
Concen: 48.925 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

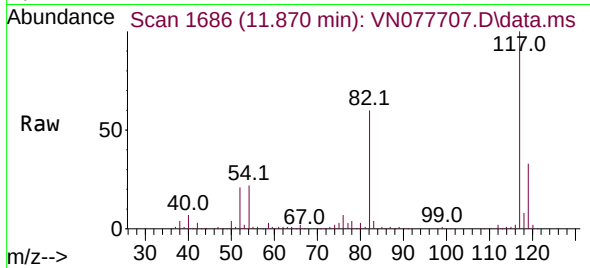
Tgt Ion: 95 Resp: 317028
Ion Ratio Lower Upper
95 100
174 69.9 0.0 143.8
176 66.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

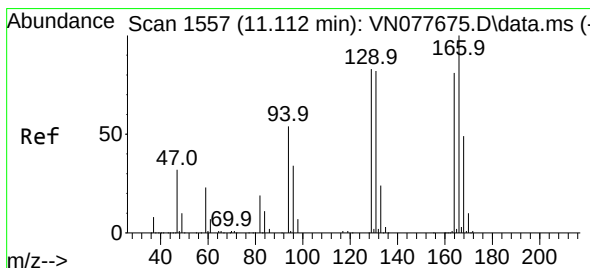
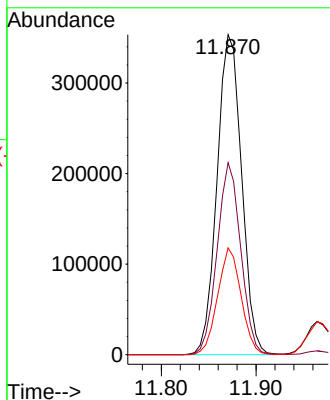
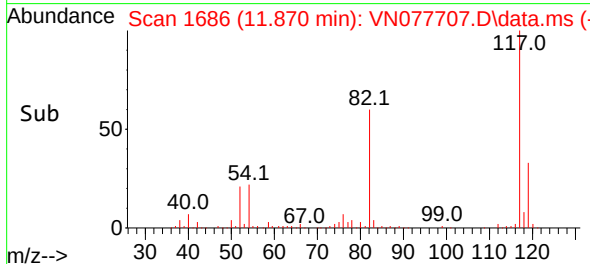
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



Tgt Ion:117 Resp: 638218
Ion Ratio Lower Upper
117 100
82 60.0 44.0 66.0
119 33.4 25.6 38.4

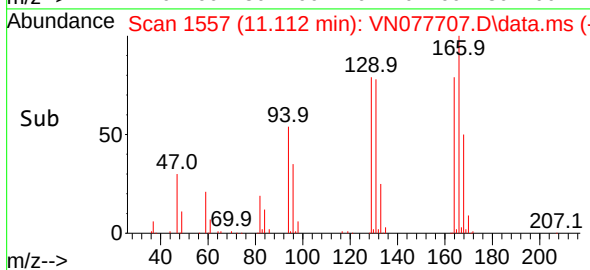
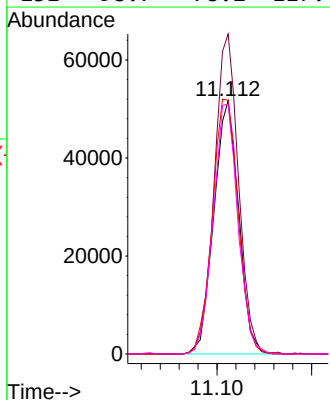
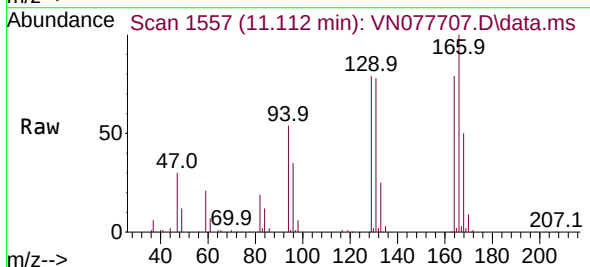
Manual Integrations
APPROVED

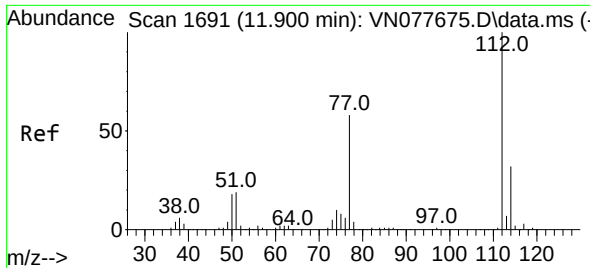
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#64
Tetrachloroethene
Concen: 21.004 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

Tgt Ion:164 Resp: 93746
Ion Ratio Lower Upper
164 100
166 126.4 101.4 152.0
129 100.2 82.4 123.6
131 98.7 78.2 117.4





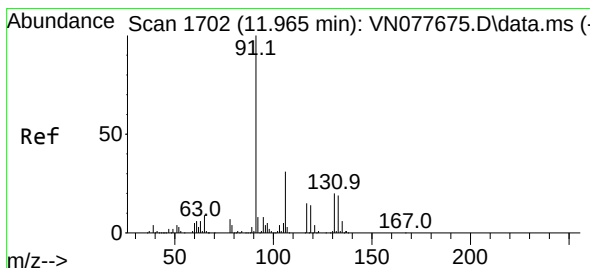
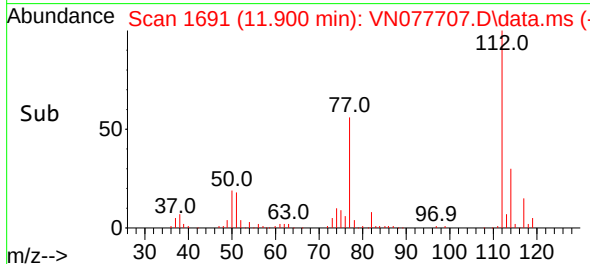
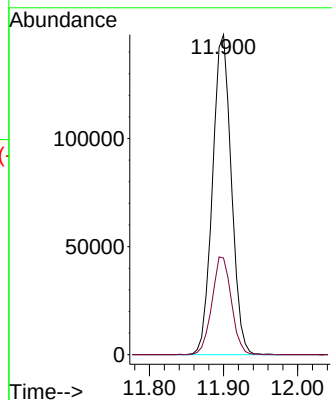
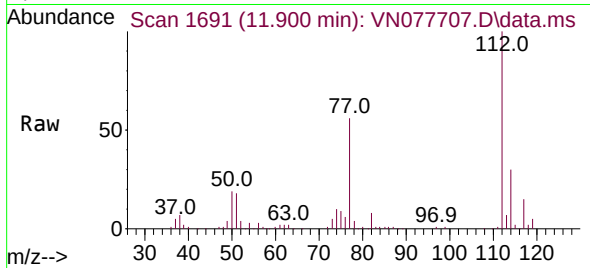
#65
Chlorobenzene
Concen: 18.861 ug/l
RT: 11.900 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01

Tgt Ion:112 Resp: 260954
Ion Ratio Lower Upper
112 100
114 30.2 25.0 37.4

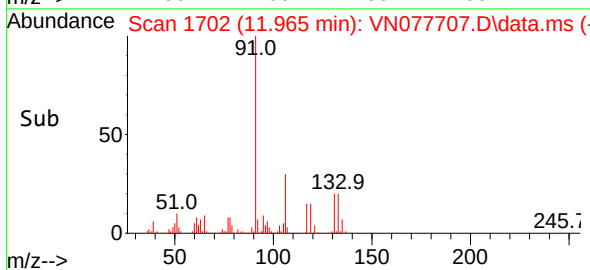
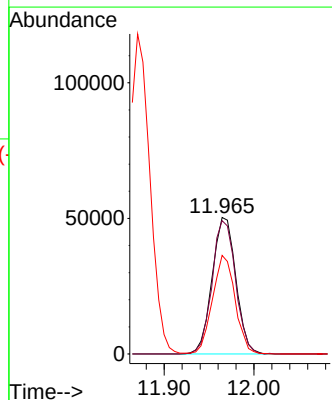
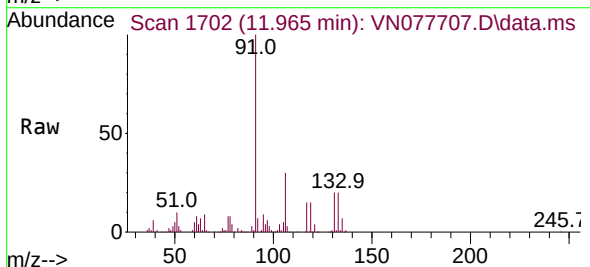
Manual Integrations
APPROVED

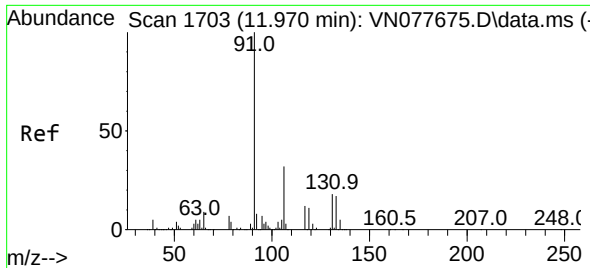
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.329 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

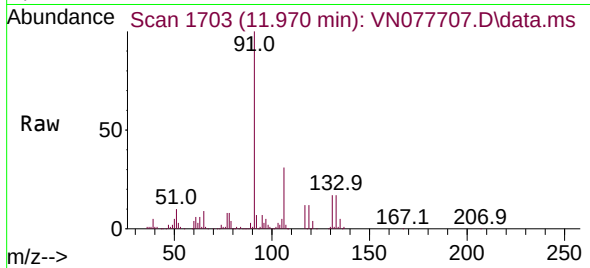
Tgt Ion:131 Resp: 92536
Ion Ratio Lower Upper
131 100
133 96.6 46.4 139.1
119 69.0 34.1 102.2





#67
Ethyl Benzene
Concen: 19.150 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

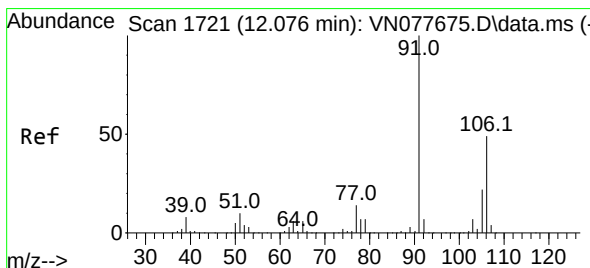
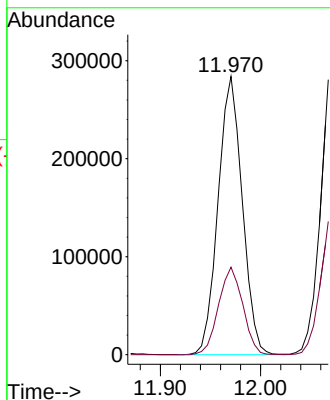
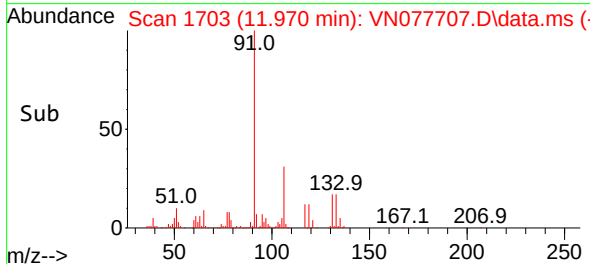
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



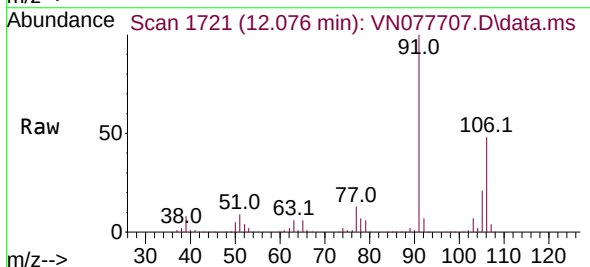
Tgt Ion: 91 Resp: 474824
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4

Manual Integrations
APPROVED

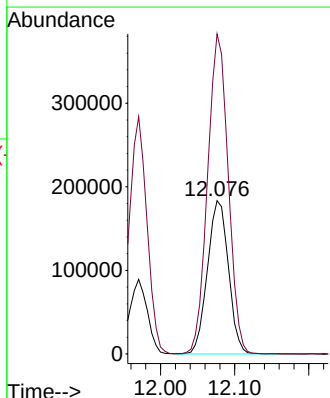
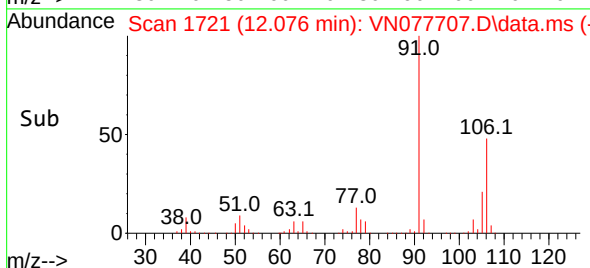
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

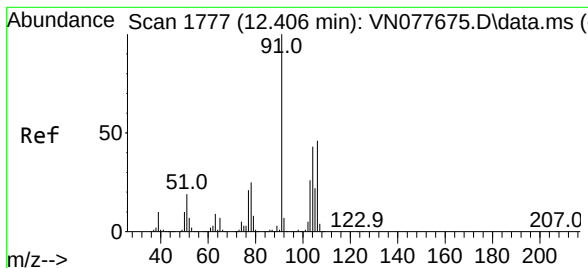


#68
m/p-Xylenes
Concen: 38.396 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24



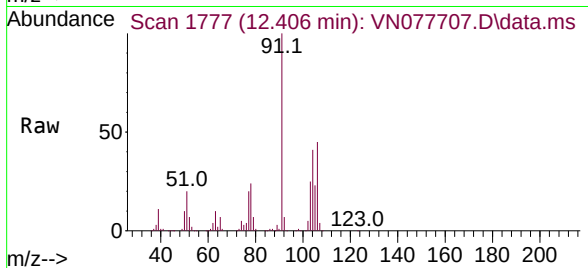
Tgt Ion:106 Resp: 360725
Ion Ratio Lower Upper
106 100
91 205.2 159.6 239.4





#69
o-Xylene
Concen: 19.106 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

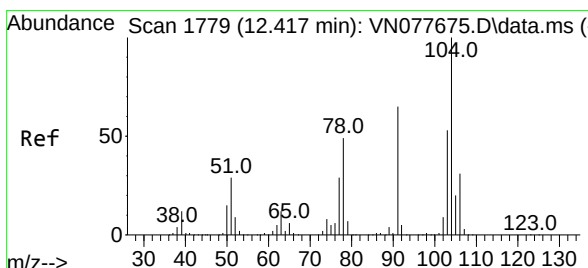
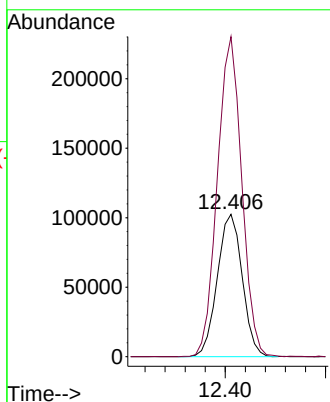
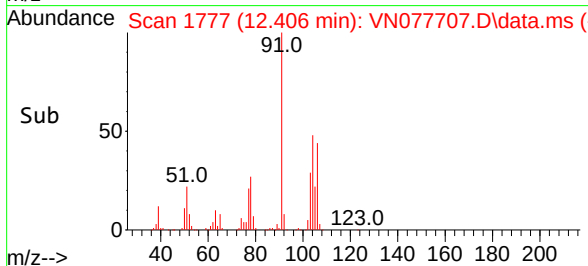
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



Tgt Ion:106 Resp: 176520
Ion Ratio Lower Upper
106 100
91 219.8 105.2 315.5

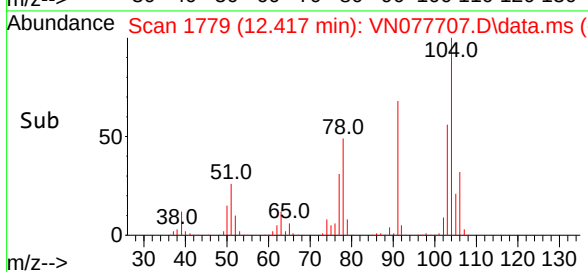
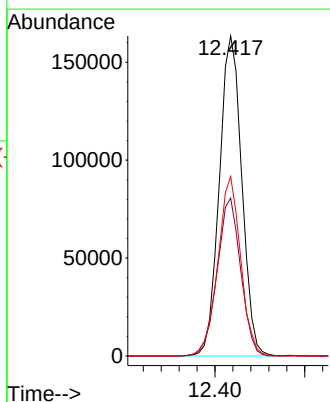
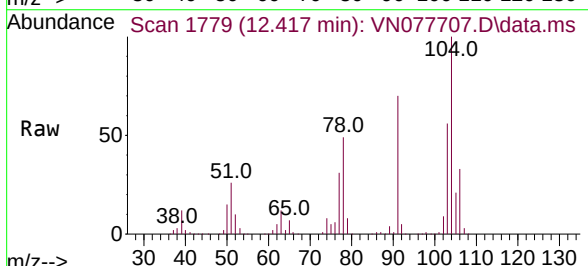
Manual Integrations
APPROVED

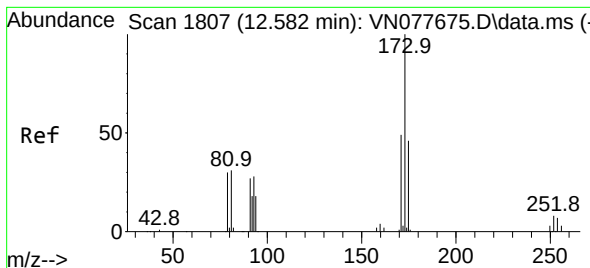
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#70
Styrene
Concen: 19.351 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

Tgt Ion:104 Resp: 284026
Ion Ratio Lower Upper
104 100
78 51.5 39.5 59.3
103 56.6 43.2 64.8





#71

Bromoform

Concen: 19.594 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN077707.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBS01

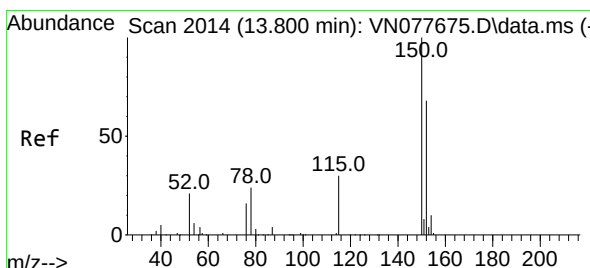
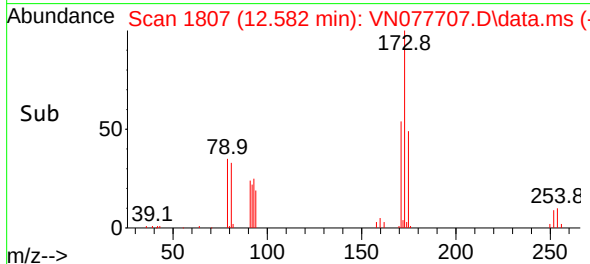
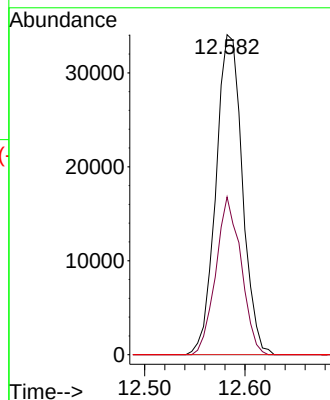
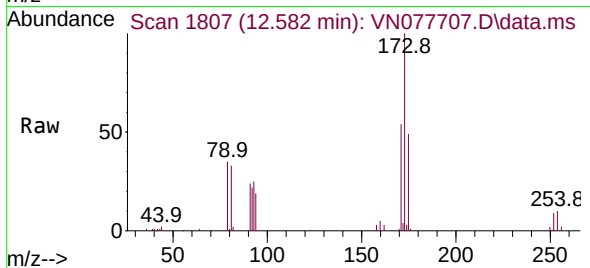
Tgt Ion:173 Resp: 62400
 Ion Ratio Lower Upper
 173 100
 175 47.1 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

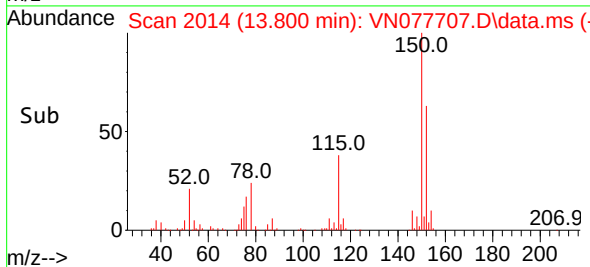
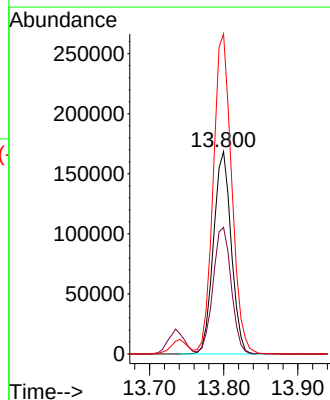
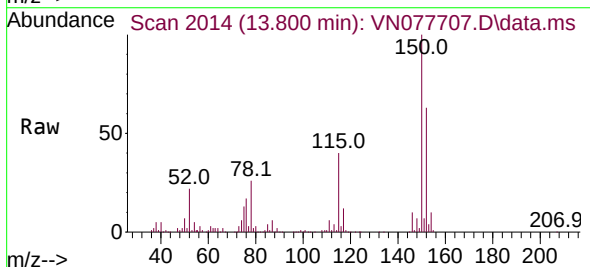
RT: 13.800 min Scan# 2014

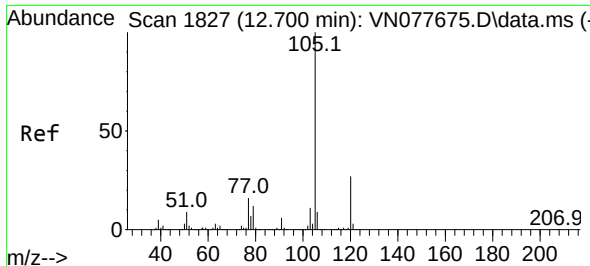
Delta R.T. -0.000 min

Lab File: VN077707.D

Acq: 17 May 2023 12:24

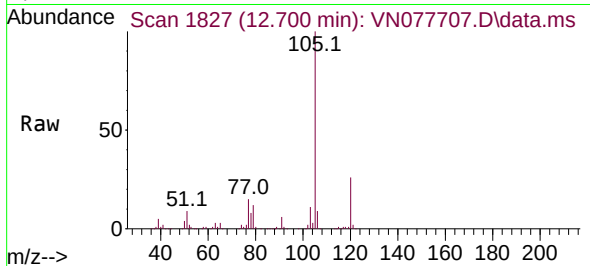
Tgt Ion:152 Resp: 279629
 Ion Ratio Lower Upper
 152 100
 115 64.3 32.3 96.8
 150 164.7 0.0 355.8





#73
Isopropylbenzene
Concen: 19.308 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

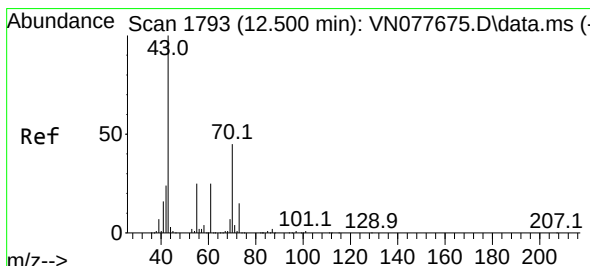
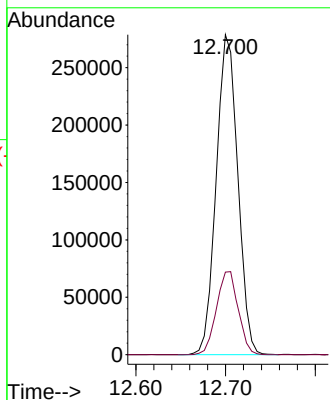
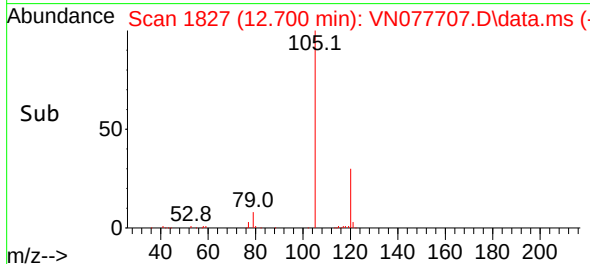
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



Tgt Ion:105 Resp: 46541
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1

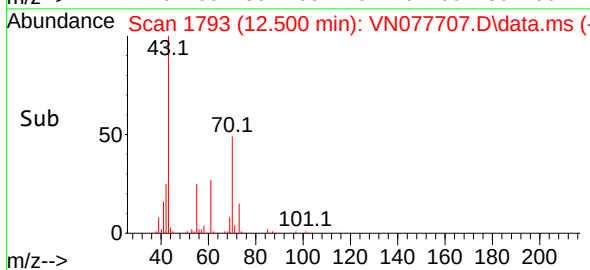
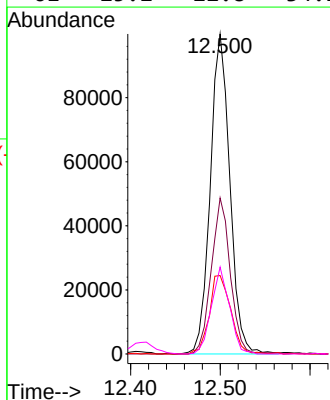
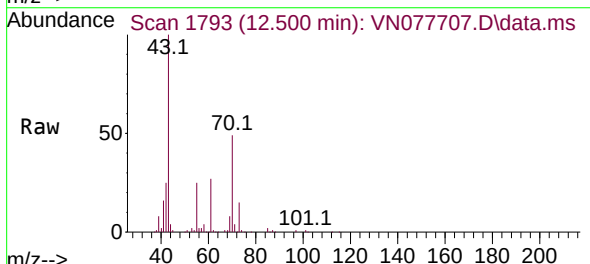
Manual Integrations
APPROVED

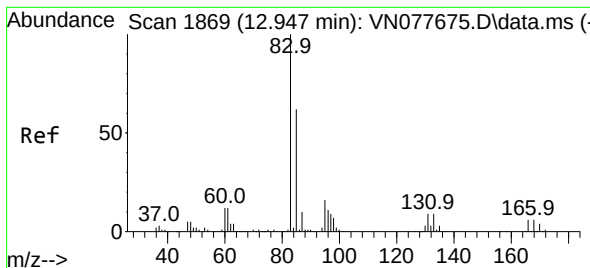
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#74
N-ethyl acetate
Concen: 17.010 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

Tgt Ion: 43 Resp: 151554
Ion Ratio Lower Upper
43 100
70 47.4 43.4 65.2
55 26.9 21.4 32.0
61 25.2 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.220 ug/l

RT: 12.947 min Scan# 1869

Delta R.T. -0.000 min

Lab File: VN077707.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBS01

Tgt Ion: 83 Resp: 135104

Ion Ratio Lower Upper

83 100

131 9.8 5.0 15.0

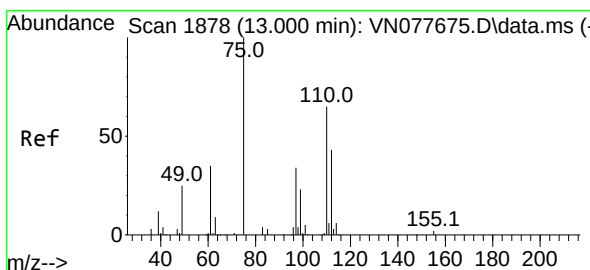
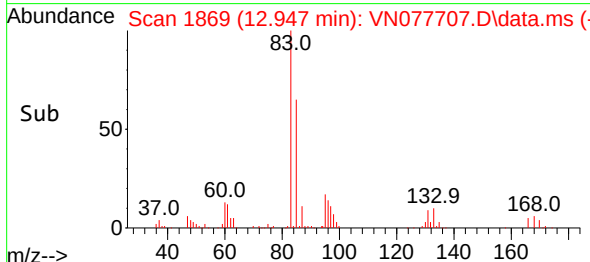
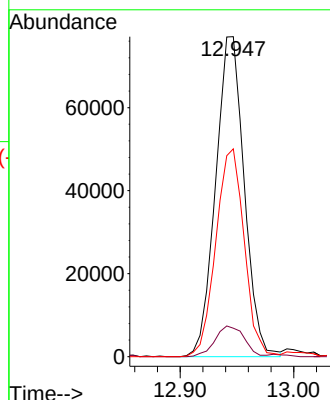
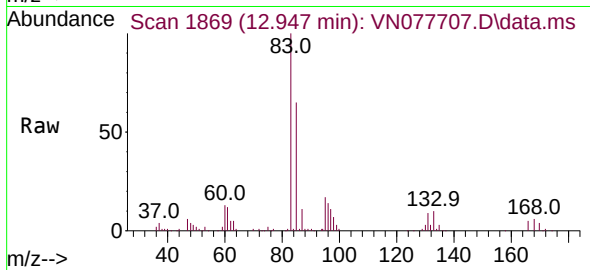
85 64.3 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#76

1,2,3-Trichloropropane

Concen: 18.841 ug/l m

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN077707.D

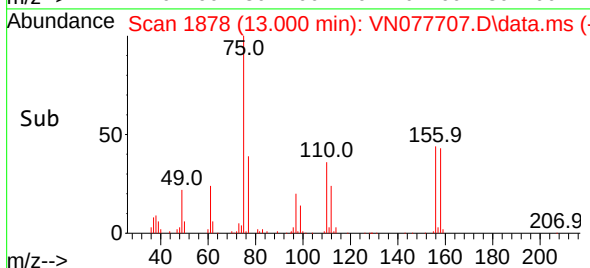
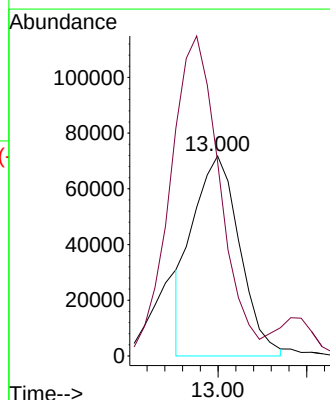
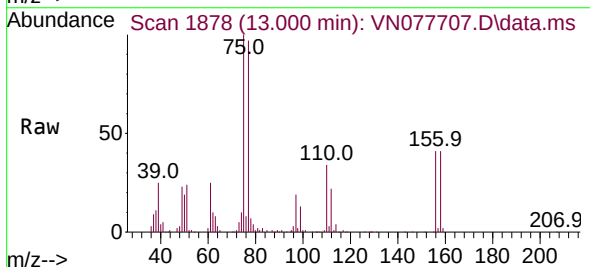
Acq: 17 May 2023 12:24

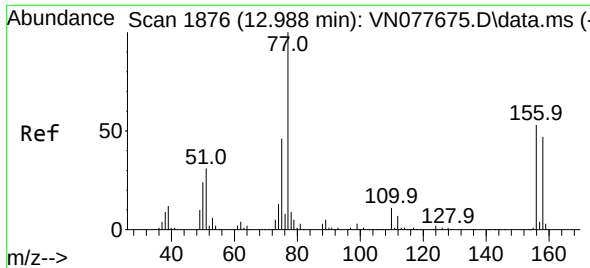
Tgt Ion: 75 Resp: 131943

Ion Ratio Lower Upper

75 100

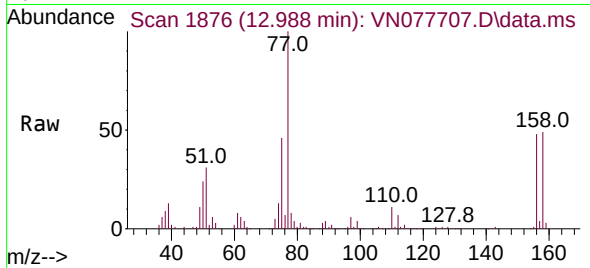
77 169.2 84.5 253.5





#77
Bromobenzene
Concen: 18.316 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

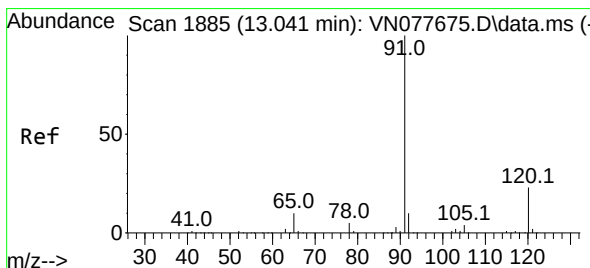
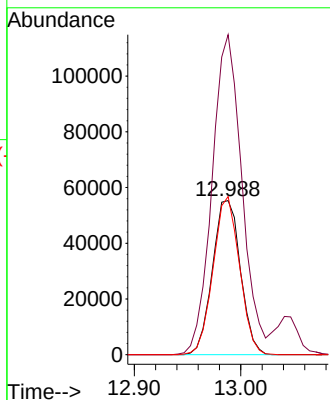
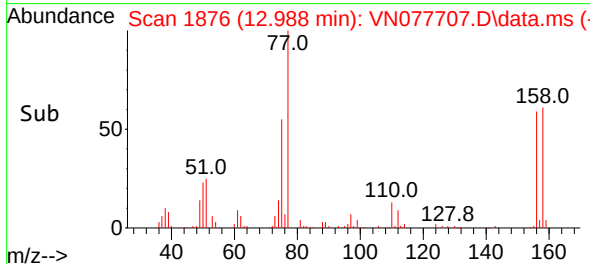
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



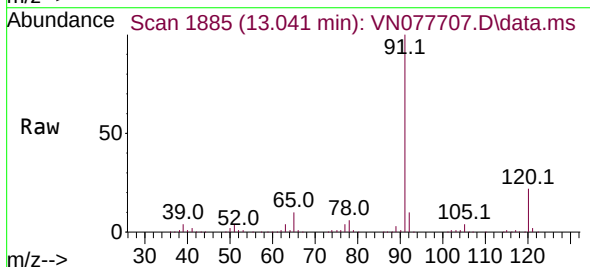
Tgt Ion:156 Resp: 10075
Ion Ratio Lower Upper
156 100
77 221.5 107.7 323.3
158 96.9 48.4 145.3

Manual Integrations
APPROVED

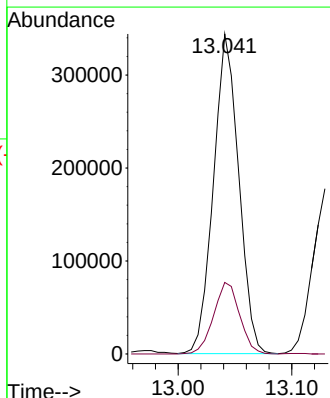
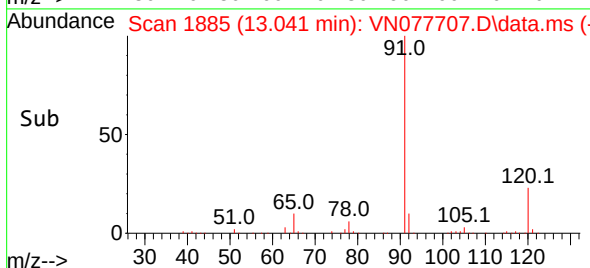
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

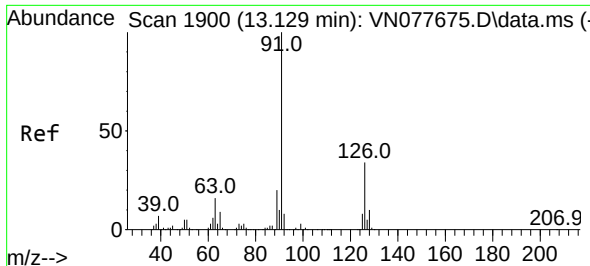


#78
n-propylbenzene
Concen: 18.694 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24



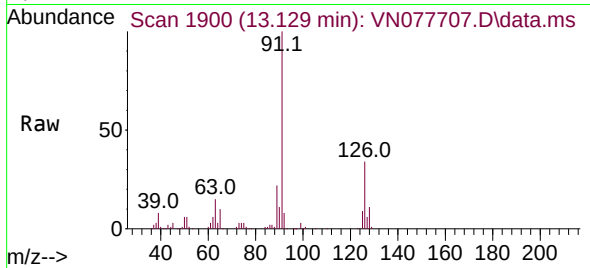
Tgt Ion: 91 Resp: 531223
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





#79
2-Chlorotoluene
Concen: 18.898 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

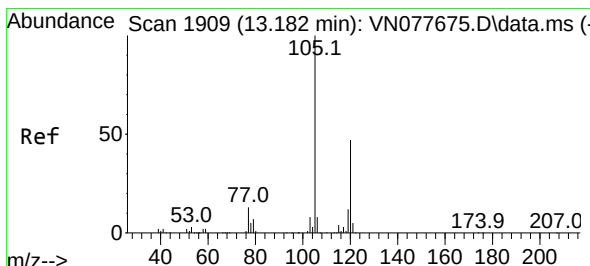
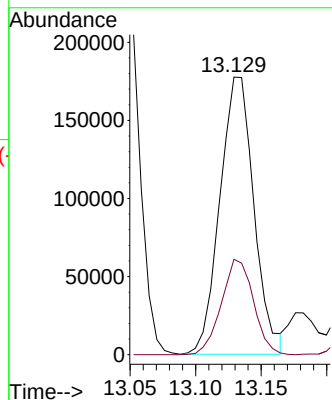
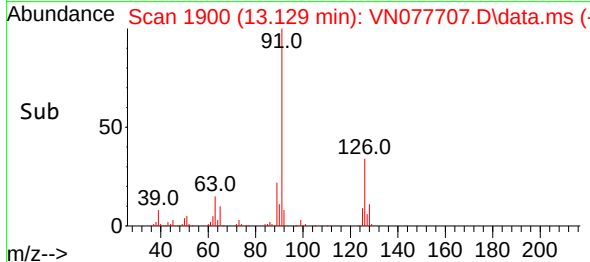
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



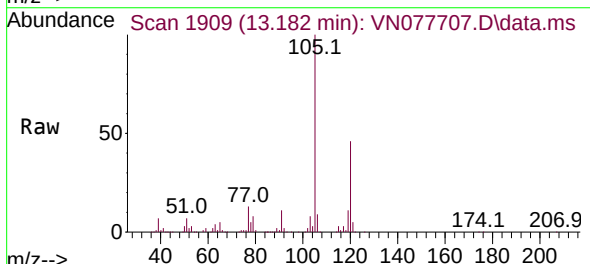
Tgt Ion: 91 Resp: 320462
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.8

Manual Integrations
APPROVED

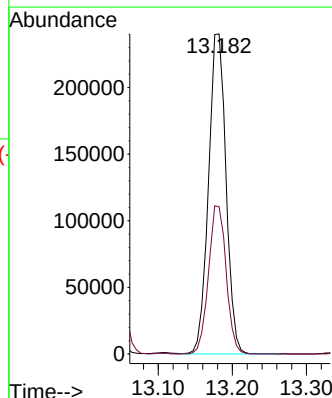
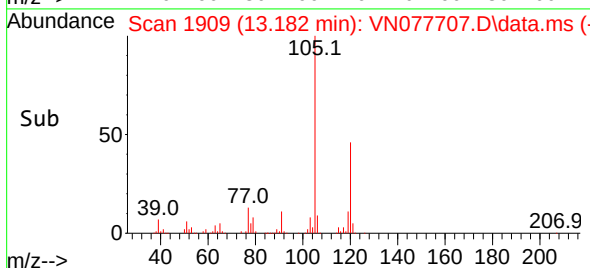
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

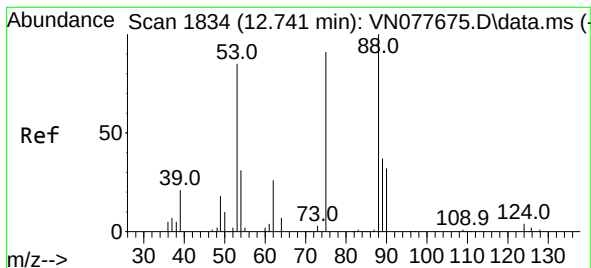


#80
1,3,5-Trimethylbenzene
Concen: 19.466 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24



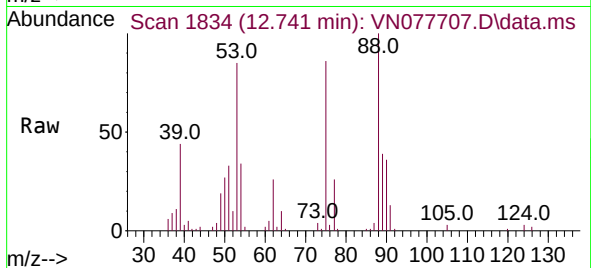
Tgt Ion:105 Resp: 394364
Ion Ratio Lower Upper
105 100
120 46.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.217 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

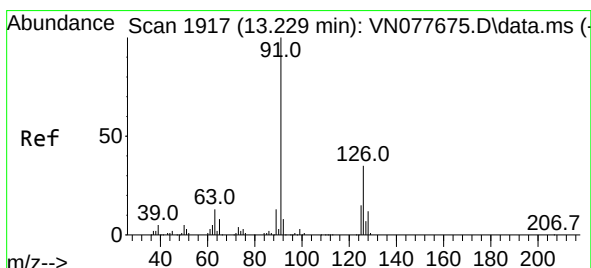
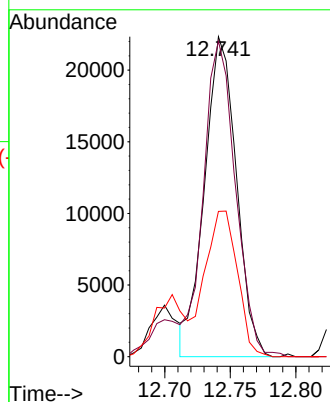
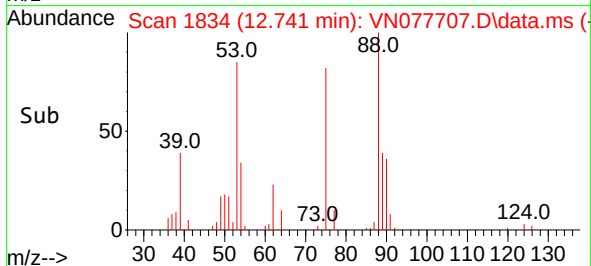
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



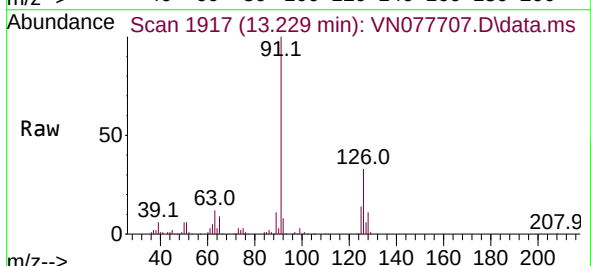
Tgt Ion: 75 Resp: 37718
Ion Ratio Lower Upper
75 100
53 110.8 67.4 101.2
89 46.5 38.8 58.2

Manual Integrations
APPROVED

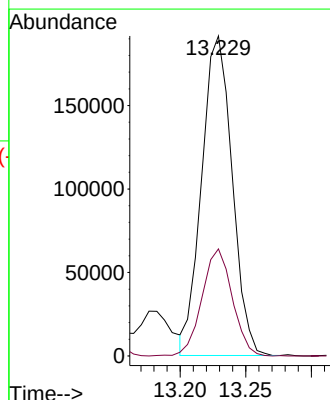
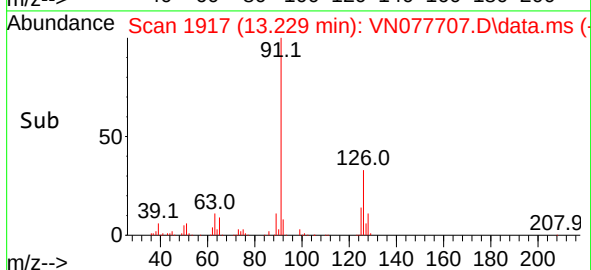
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

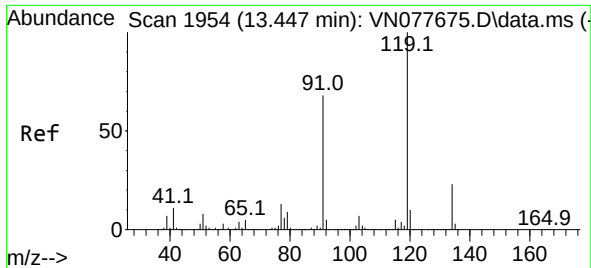


#82
4-Chlorotoluene
Concen: 18.364 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24



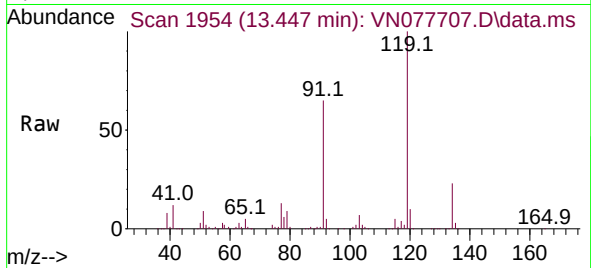
Tgt Ion: 91 Resp: 309826
Ion Ratio Lower Upper
91 100
126 33.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 19.098 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

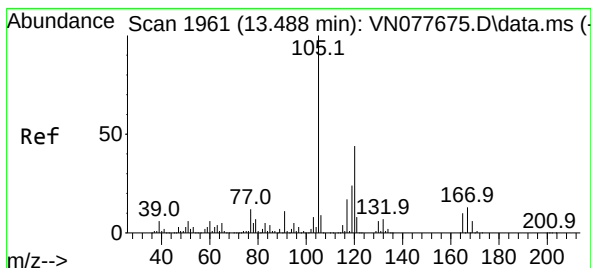
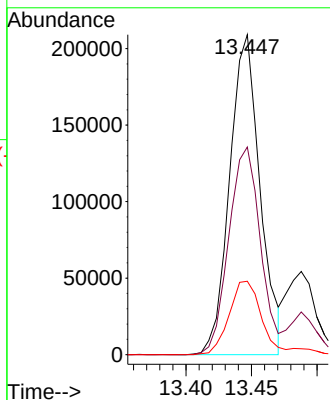
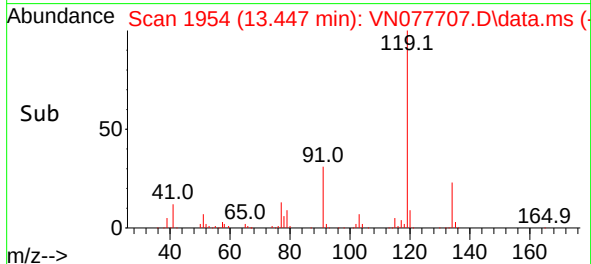
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



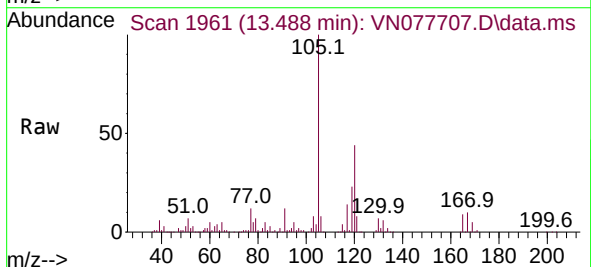
Tgt Ion:119 Resp: 337764
Ion Ratio Lower Upper
119 100
91 67.3 33.9 101.7
134 25.7 13.2 39.6

Manual Integrations
APPROVED

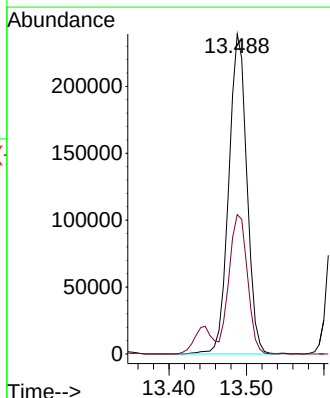
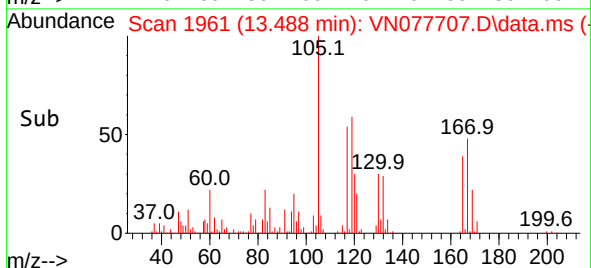
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

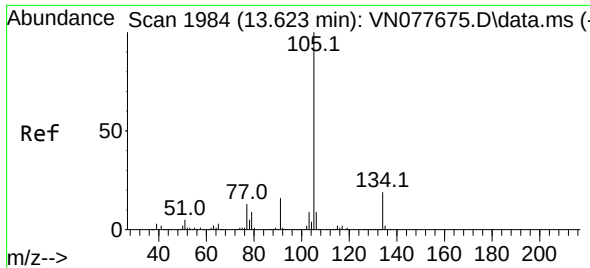


#84
1,2,4-Trimethylbenzene
Concen: 19.486 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24



Tgt Ion:105 Resp: 388237
Ion Ratio Lower Upper
105 100
120 44.0 22.0 66.0





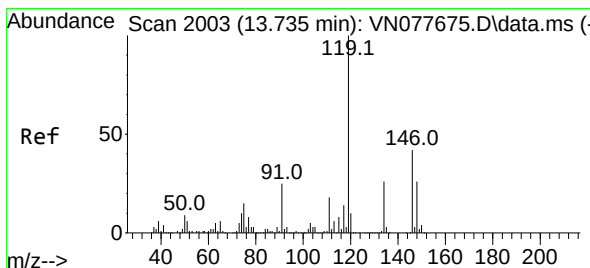
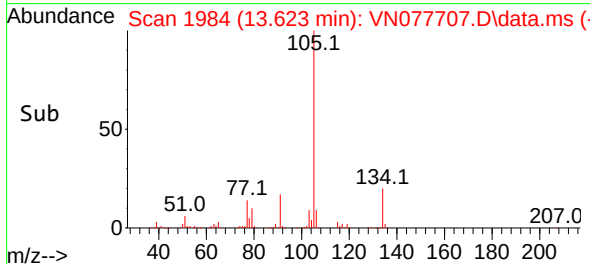
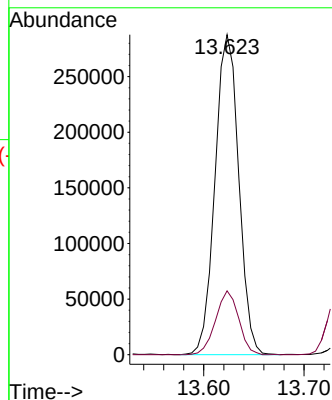
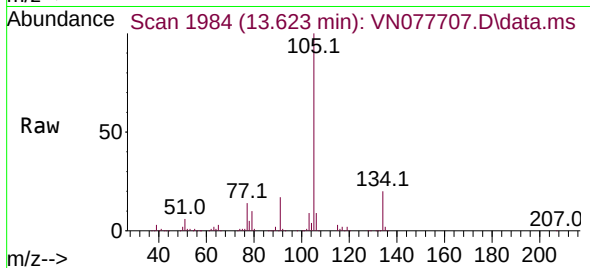
#85
 sec-Butylbenzene
 Concen: 18.794 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077707.D
 Acq: 17 May 2023 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBS01

Tgt Ion:105 Resp: 472360
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

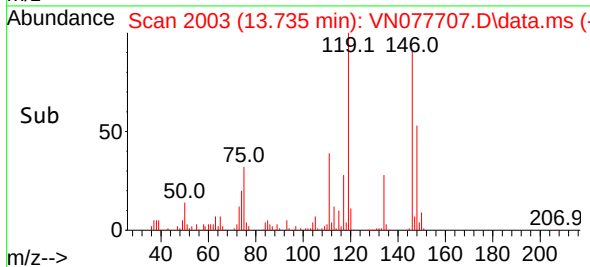
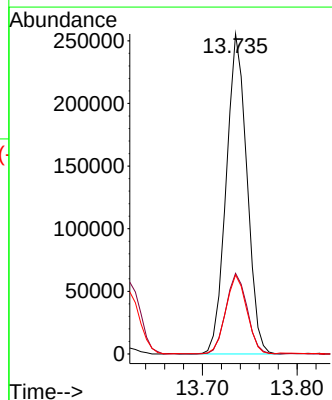
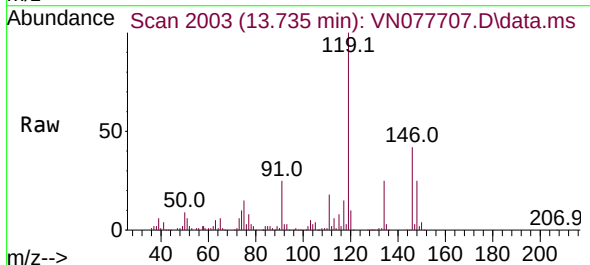
Manual Integrations
 APPROVED

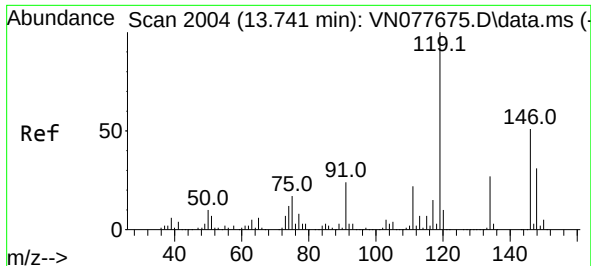
Reviewed By :John Carlone 05/18/2023
 Supervised By :Mahesh Dadoda 05/18/2023



#86
 p-Isopropyltoluene
 Concen: 19.328 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077707.D
 Acq: 17 May 2023 12:24

Tgt Ion:119 Resp: 387297
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 24.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.599 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VN077707.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBS01

Tgt Ion:146 Resp: 189198

Ion Ratio Lower Upper

146 100

111 43.0 22.1 66.3

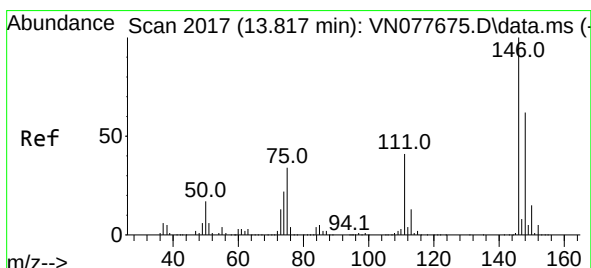
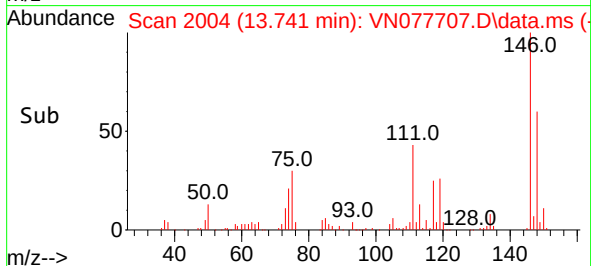
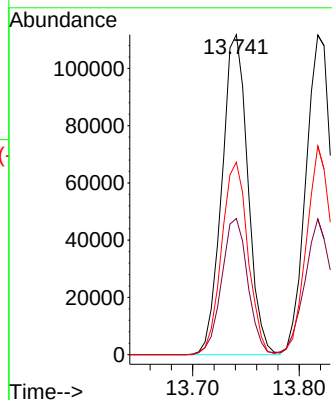
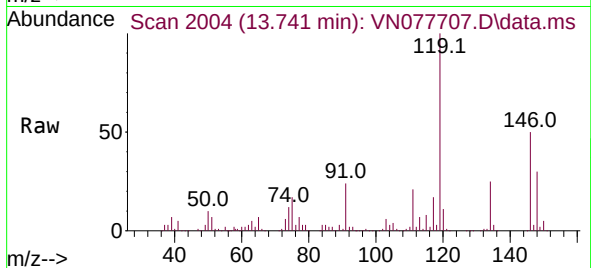
148 60.7 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#88

1,4-Dichlorobenzene

Concen: 18.803 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN077707.D

Acq: 17 May 2023 12:24

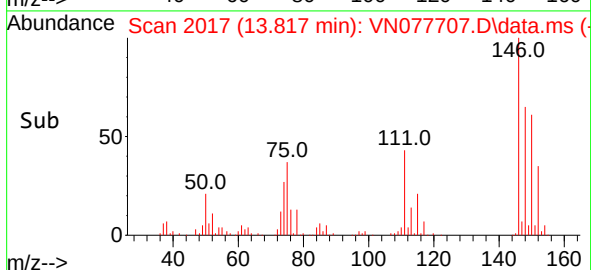
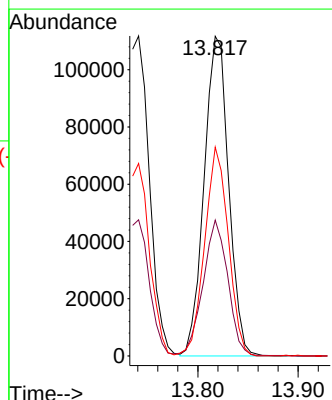
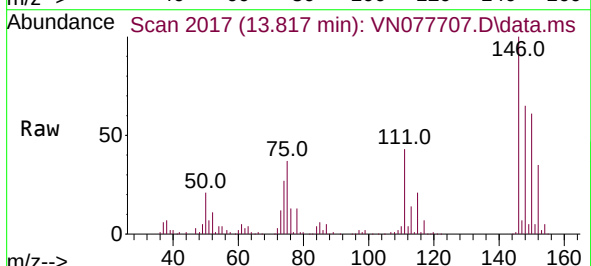
Tgt Ion:146 Resp: 189813

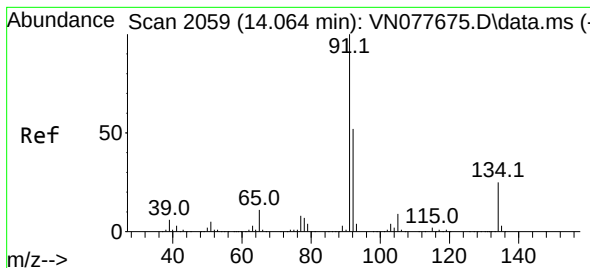
Ion Ratio Lower Upper

146 100

111 43.1 20.6 61.8

148 63.2 31.6 94.8





#89

n-Butylbenzene

Concen: 18.076 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VN077707.D

Acq: 17 May 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBS01

Tgt Ion: 91 Resp: 33314

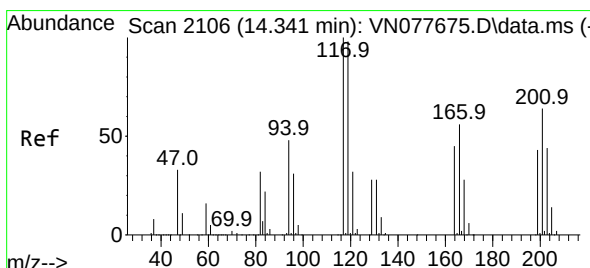
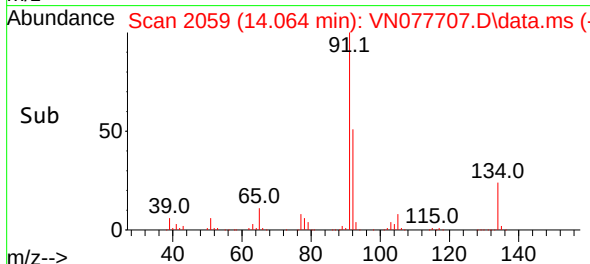
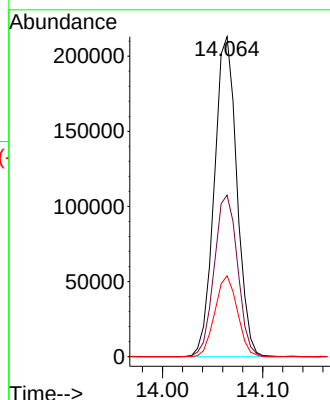
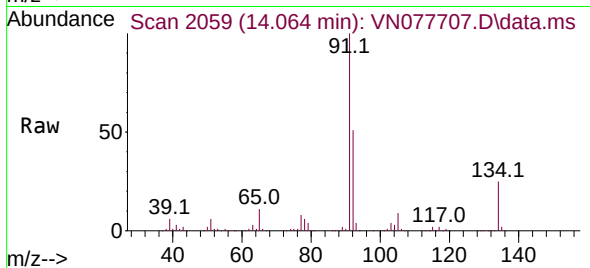
Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.4	79.0
134	25.1	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#90

Hexachloroethane

Concen: 19.292 ug/l

RT: 14.341 min Scan# 2106

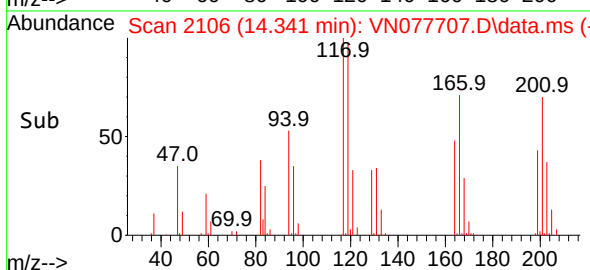
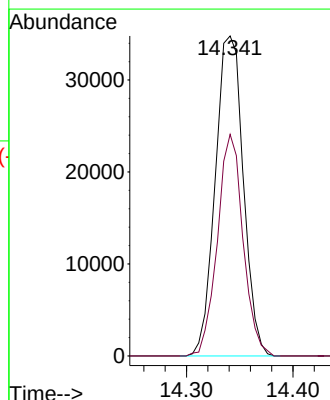
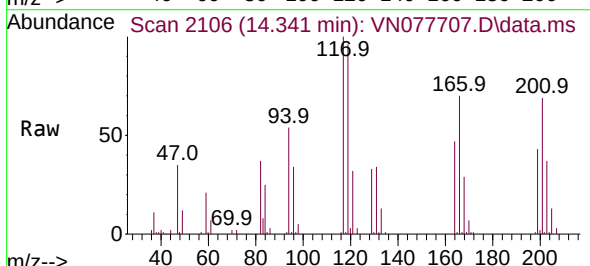
Delta R.T. -0.000 min

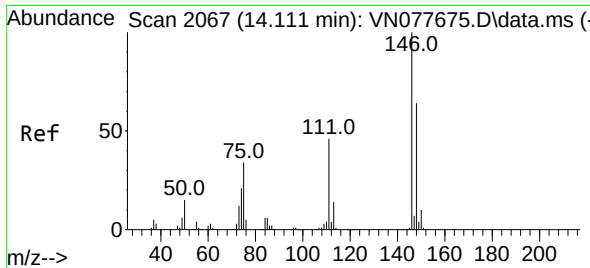
Lab File: VN077707.D

Acq: 17 May 2023 12:24

Tgt Ion:117 Resp: 63506

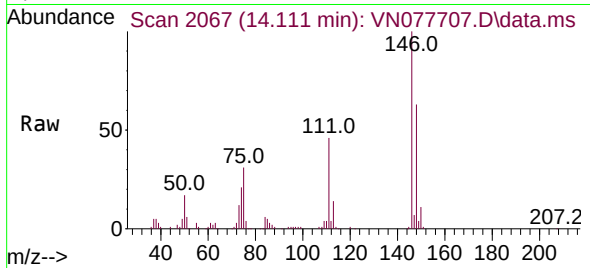
Ion	Ratio	Lower	Upper
117	100		
201	63.4	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 19.108 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

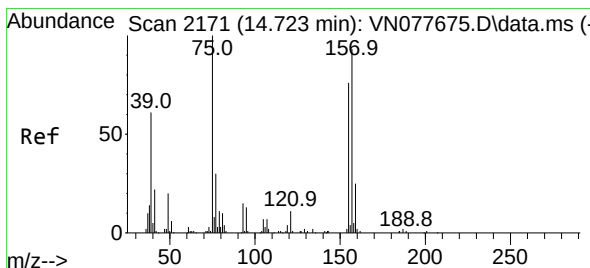
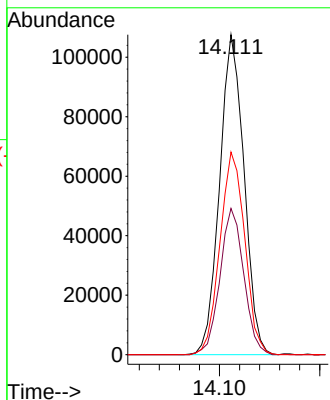
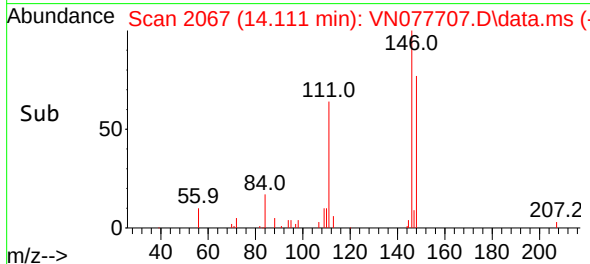
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



Tgt Ion:146 Resp: 181592
Ion Ratio Lower Upper
146 100
111 44.6 22.0 66.0
148 64.5 31.8 95.3

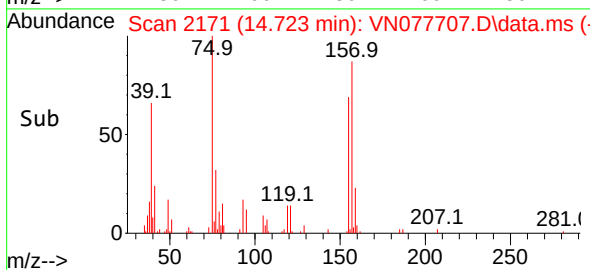
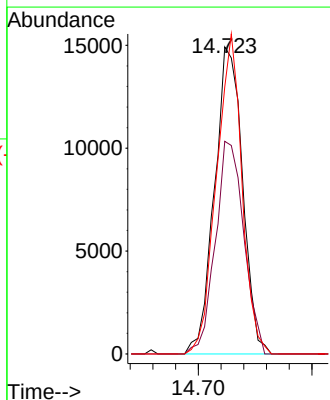
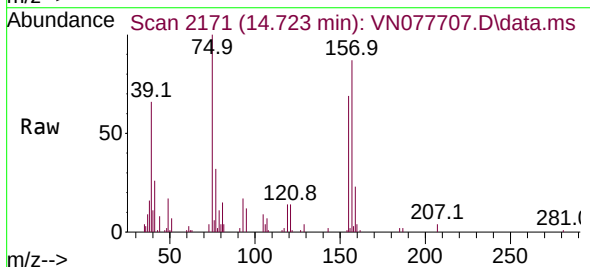
Manual Integrations
APPROVED

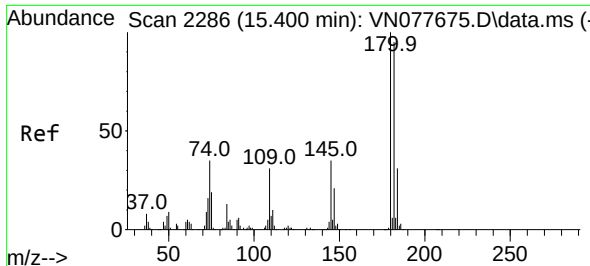
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.835 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

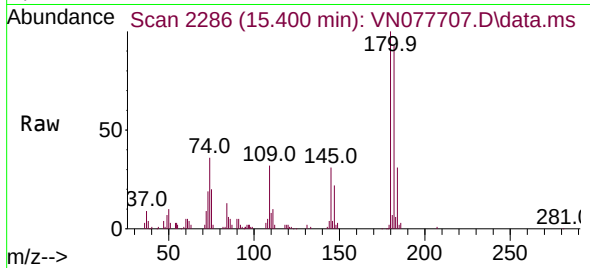
Tgt Ion: 75 Resp: 25605
Ion Ratio Lower Upper
75 100
155 70.3 39.1 117.2
157 94.6 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 16.704 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

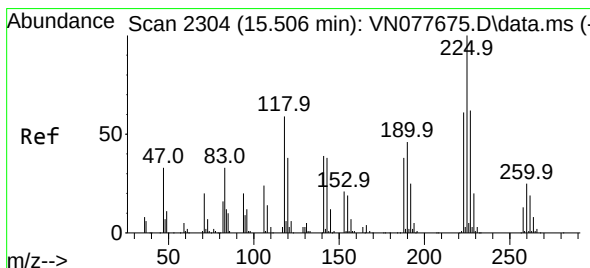
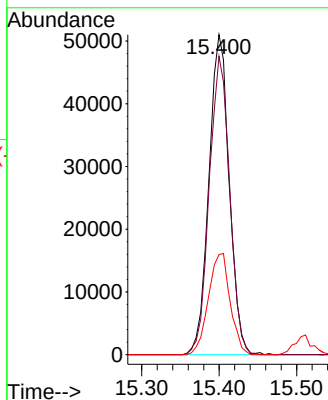
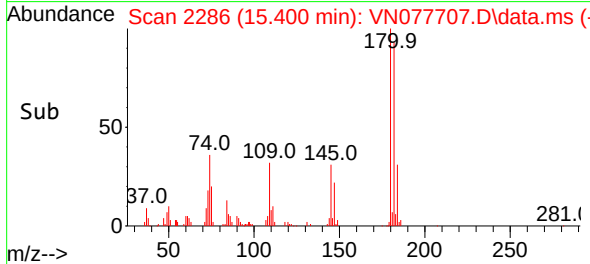
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



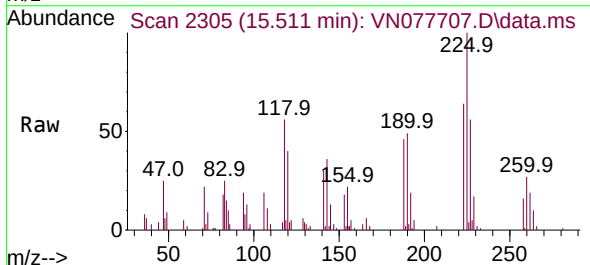
Tgt Ion:180 Resp: 92768
Ion Ratio Lower Upper
180 100
182 93.7 46.1 138.2
145 33.9 16.6 49.8

Manual Integrations
APPROVED

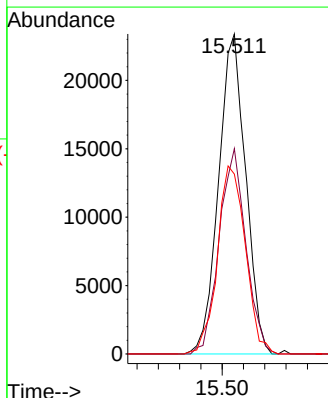
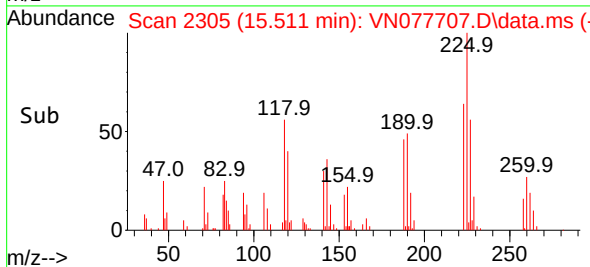
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

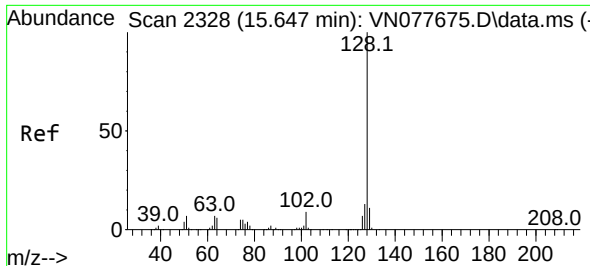


#94
Hexachlorobutadiene
Concen: 17.904 ug/l
RT: 15.511 min Scan# 2305
Delta R.T. 0.005 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24



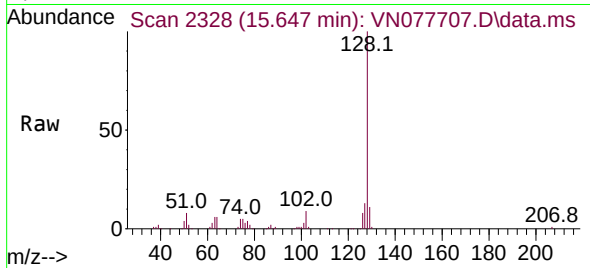
Tgt Ion:225 Resp: 41283
Ion Ratio Lower Upper
225 100
223 63.4 31.3 93.8
227 60.8 31.9 95.9





#95
Naphthalene
Concen: 16.265 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

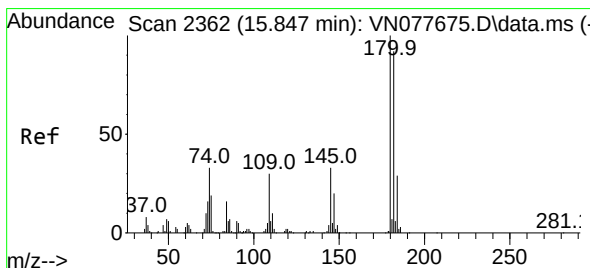
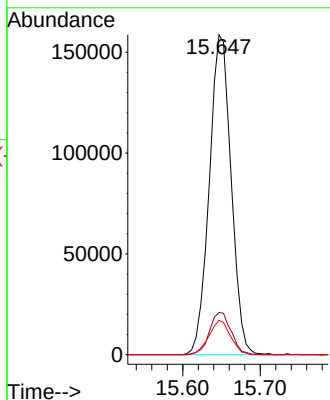
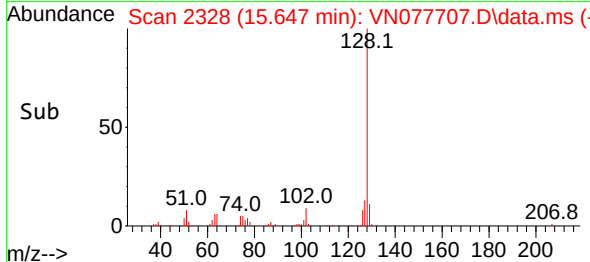
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS01



Tgt Ion:128 Resp: 310909
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.942 ug/l
RT: 15.853 min Scan# 2363
Delta R.T. 0.006 min
Lab File: VN077707.D
Acq: 17 May 2023 12:24

Tgt Ion:180 Resp: 92121
Ion Ratio Lower Upper
180 100
182 95.3 46.2 138.6
145 37.0 17.5 52.6

