

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070033.D
 Acq On : 13 Dec 2021 15:33
 Operator : JC/MD
 Sample : VN1213WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/14/2021
 Supervised By : Amit Patel 12/15/2021

Quant Time: Dec 14 05:26:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 14 00:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	170587	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	933946	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.744	117	846682	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	454443	30.061	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.200%			
60) 4-Bromofluorobenzene	12.731	95	415908	29.853	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.500%			
63) Toluene-d8	10.440	98	1204560	30.786	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.633%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	262772	21.227	ug/l	99
3) Chloromethane	2.303	50	295041	20.807	ug/l	97
4) Vinyl Chloride	2.445	62	269846	20.225	ug/l	100
5) Bromomethane	2.858	94	147659	20.246	ug/l	98
6) Chloroethane	3.022	64	153892	20.088	ug/l	97
7) Trichlorofluoromethane	3.376	101	353314	20.284	ug/l	99
8) Diethyl Ether	3.824	74	134636	19.480	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.207	101	207172	20.249	ug/l #	70
10) 1,1-Dichloroethene	4.181	96	191054	19.632	ug/l	82
11) Methyl Iodide	4.419	142	263212	19.329	ug/l	98
12) Methyl Acetate	4.857	43	501761m	20.931	ug/l	
13) Acrolein	4.041	56	173779	89.558	ug/l	100
14) Acrylonitrile	5.554	53	706119	102.018	ug/l	98
15) Acetone	4.288	58	219468	87.383	ug/l	74
16) Carbon Disulfide	4.529	76	572537	19.525	ug/l	98
17) Allyl chloride	4.840	41	434232	19.840	ug/l	87
18) Methylene Chloride	5.090	84	235807	20.101	ug/l #	81
19) trans-1,2-Dichloroethene	5.594	96	208156	20.137	ug/l #	83
20) Diisopropyl ether	6.498	45	850749	20.296	ug/l #	93
21) 1,1-Dichloroethane	6.385	63	441299	19.971	ug/l	97
22) cis-1,2-Dichloroethene	7.324	96	245427	20.060	ug/l	90
23) tert-Butyl Alcohol	5.374	59	219670	100.399	ug/l #	100
24) Methyl tert-Butyl Ether	5.618	73	701871	20.310	ug/l	94
25) Chloroform	7.817	83	438148	19.957	ug/l	100
26) Cyclohexane	8.094	56	402419	19.674	ug/l #	84
29) 1,1-Dichloropropene	8.222	75	321904	20.018	ug/l	96
30) 2-Butanone	7.337	43	1064280	96.194	ug/l #	91
31) 2,2-Dichloropropane	7.327	77	328326	19.524	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	372388	19.995	ug/l	93
33) Carbon Tetrachloride	8.209	117	327916	19.807	ug/l	98
34) Benzene	8.461	78	956797	20.125	ug/l #	95
35) Methacrylonitrile	7.638	41	214095	20.919	ug/l	87
36) 1,2-Dichloroethane	8.531	62	380909	20.297	ug/l	98
37) Trichloroethene	9.215	130	227215	20.093	ug/l	93
38) Methylcyclohexane	9.459	83	378056	19.778	ug/l	88
39) 1,2-Dichloropropane	9.488	63	258999	20.434	ug/l	100
40) Dibromomethane	9.577	93	168504	20.154	ug/l	96
41) Bromodichloromethane	9.762	83	349246	19.755	ug/l	95
42) Vinyl Acetate	6.436	43	3291714	101.281	ug/l #	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070033.D
 Acq On : 13 Dec 2021 15:33
 Operator : JC/MD
 Sample : VN1213WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBS01

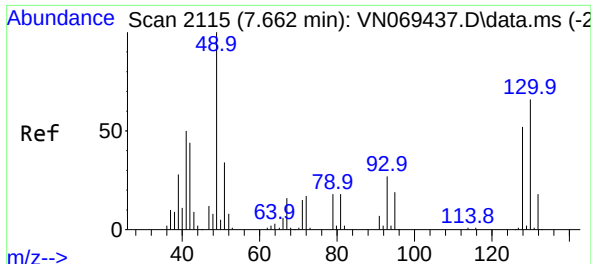
Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/14/2021
 Supervised By : Amit Patel 12/15/2021

Quant Time: Dec 14 05:26:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 14 00:59:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.412	43	386732	20.124	ug/l	97
44) Isopropyl Acetate	8.560	43	628894	20.331	ug/l	94
45) 1,4-Dioxane	9.569	88	101589	464.090	ug/l	88
46) Methyl methacrylate	9.561	41	313262	21.383	ug/l	81
47) n-amyl Acetate	12.387	43	408565	18.940	ug/l	100
48) t-1,3-Dichloropropene	10.719	75	339222	19.077	ug/l	100
49) cis-1,3-Dichloropropene	10.188	75	378964	19.638	ug/l	93
50) 1,1,2-Trichloroethane	10.896	97	230220	20.258	ug/l	96
51) Ethyl methacrylate	10.760	69	360546	19.850	ug/l	89
52) 1,3-Dichloropropane	11.044	76	407335	20.243	ug/l	100
53) Dibromochloromethane	11.240	129	249254	19.525	ug/l	99
54) 1,2-Dibromoethane	11.344	107	230455	19.903	ug/l	97
55) 2-Chloroethyl vinyl ether	10.041	63	319495	89.727	ug/l	96
56) Bromoform	12.457	173	182275	18.753	ug/l #	98
58) 4-Methyl-2-Pentanone	10.330	43	2052652	105.626	ug/l #	93
59) 2-Hexanone	11.084	43	1443641	100.485	ug/l	95
61) Tetrachloroethene	10.977	164	201835	20.410	ug/l	94
62) Toluene	10.505	91	1019991	20.484	ug/l	98
64) Chlorobenzene	11.771	112	593568	20.086	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.840	131	223383	20.069	ug/l	99
66) Ethyl Benzene	11.843	91	1117216	20.182	ug/l	100
67) m/p-Xylenes	11.953	106	819933	40.541	ug/l	93
68) o-Xylene	12.280	106	403022	20.140	ug/l	94
69) Styrene	12.294	104	649649	19.918	ug/l	96
70) Isopropylbenzene	12.578	105	1062398	20.235	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.827	83	357896	20.784	ug/l	97
72) 1,2,3-Trichloropropane	12.881	75	315155m	19.668	ug/l	
73) Bromobenzene	12.860	156	242903	19.935	ug/l	92
74) n-propylbenzene	12.921	91	1213826	19.946	ug/l	99
75) 2-Chlorotoluene	13.007	91	753528	20.235	ug/l	95
76) 1,3,5-Trimethylbenzene	13.058	105	867330	20.106	ug/l	100
77) t-1,4-Dichloro-2-butene	12.626	75	94062	18.667	ug/l	86
78) 4-Chlorotoluene	13.104	91	708718	19.846	ug/l	95
79) tert-butylbenzene	13.323	119	738697	19.732	ug/l	98
80) 1,2,4-Trimethylbenzene	13.369	105	847448m	20.316	ug/l	
81) sec-Butylbenzene	13.501	105	1035793	19.828	ug/l	99
82) p-Isopropyltoluene	13.616	119	826074	19.848	ug/l	100
83) 1,3-Dichlorobenzene	13.616	146	413272	20.054	ug/l	99
84) 1,4-Dichlorobenzene	13.694	146	393829	19.868	ug/l	98
85) n-Butylbenzene	13.943	91	643410	18.504	ug/l	99
86) Hexachloroethane	14.211	117	156125	18.803	ug/l	87
87) 1,2-Dichlorobenzene	13.989	146	406504	20.533	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.603	75	66149	20.082	ug/l	93
89) 1,2,4-Trichlorobenzene	15.263	180	173848	18.876	ug/l	97
90) Hexachlorobutadiene	15.370	225	114869	20.956	ug/l	98
91) Naphthalene	15.507	128	415614	20.236	ug/l	99
92) 1,2,3-Trichlorobenzene	15.700	180	165753	19.048	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



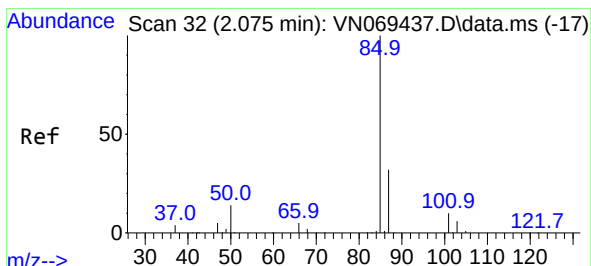
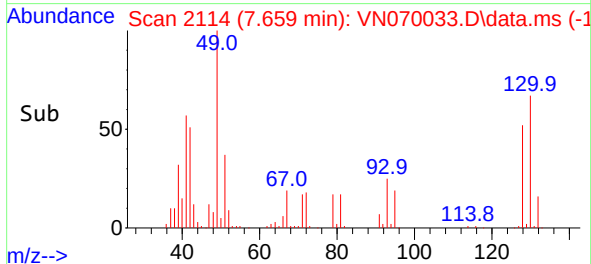
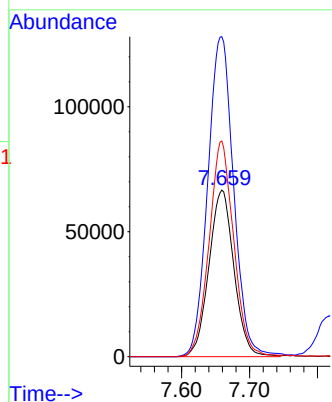
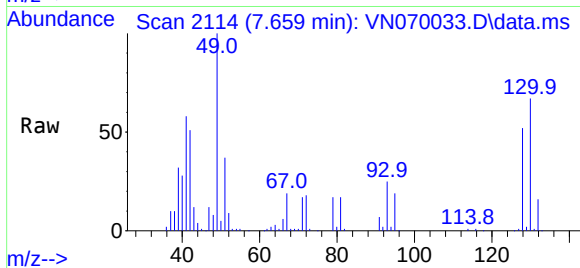
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01

Tgt Ion:128 Resp: 17058
Ion Ratio Lower Upper
128 100
49 198.6 0.0 392.3
130 127.4 0.0 320.2

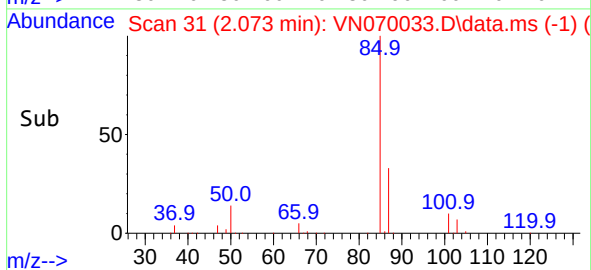
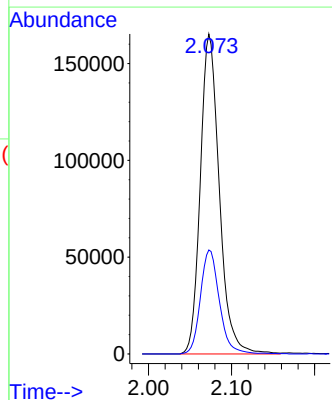
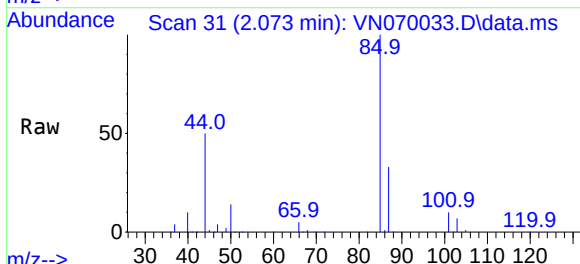
Manual Integrations
APPROVED

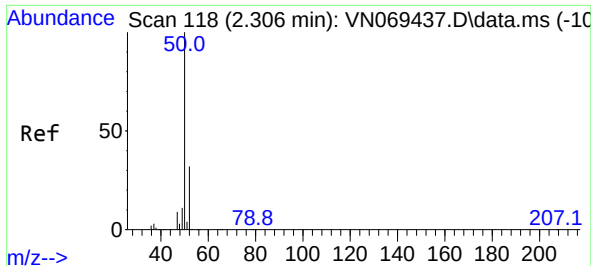
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#2
Dichlorodifluoromethane
Concen: 21.227 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

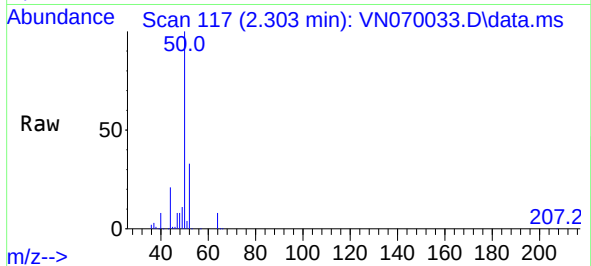
Tgt Ion: 85 Resp: 262772
Ion Ratio Lower Upper
85 100
87 32.5 16.6 49.7





#3
Chloromethane
Concen: 20.807 ug/l
RT: 2.303 min Scan# 118
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

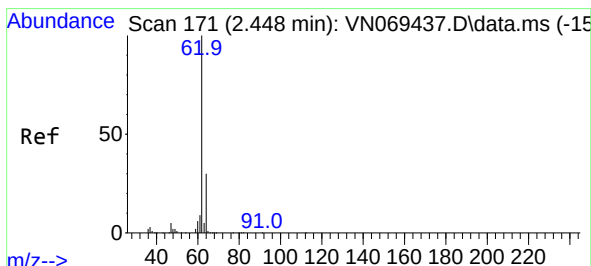
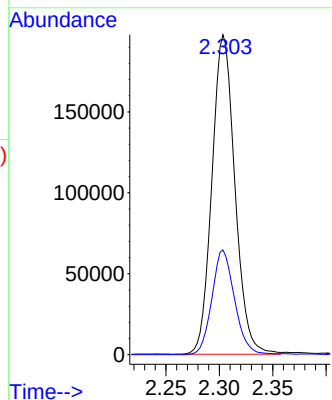
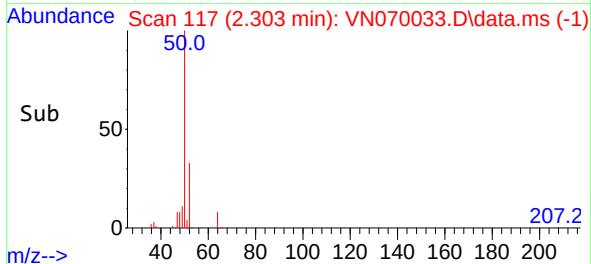
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



Tgt Ion: 50 Resp: 29504
Ion Ratio Lower Upper
50 100
52 32.8 27.8 41.6

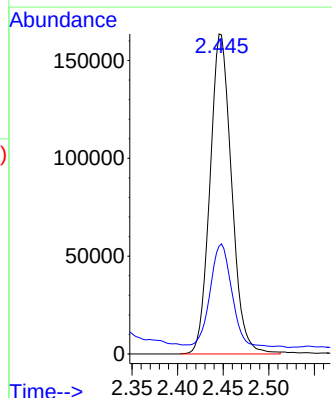
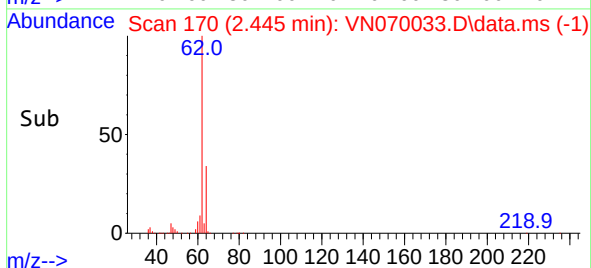
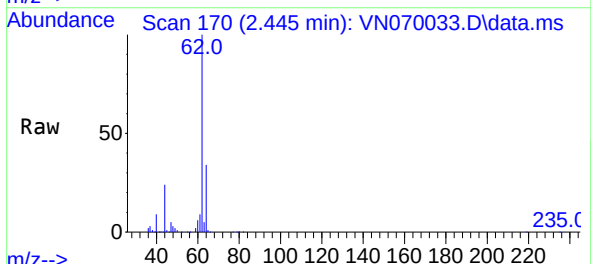
Manual Integrations
APPROVED

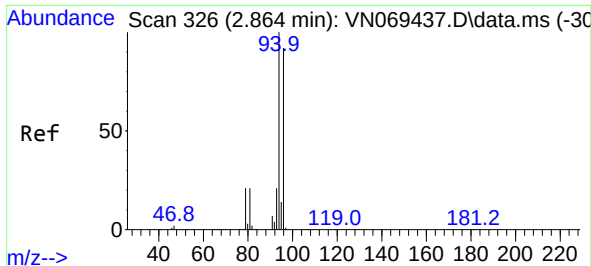
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#4
Vinyl Chloride
Concen: 20.225 ug/l
RT: 2.445 min Scan# 170
Delta R.T. -0.003 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

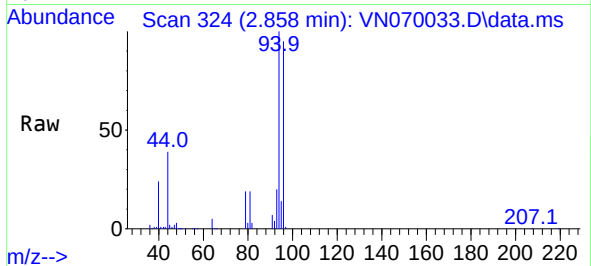
Tgt Ion: 62 Resp: 269846
Ion Ratio Lower Upper
62 100
64 31.3 25.1 37.7





#5
Bromomethane
Concen: 20.246 ug/l
RT: 2.858 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

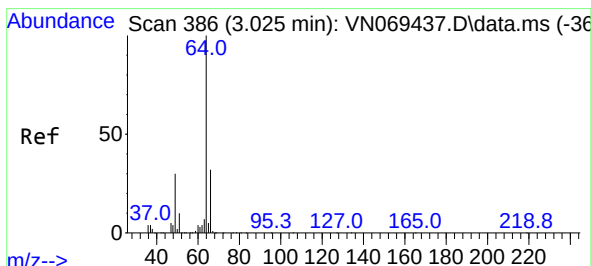
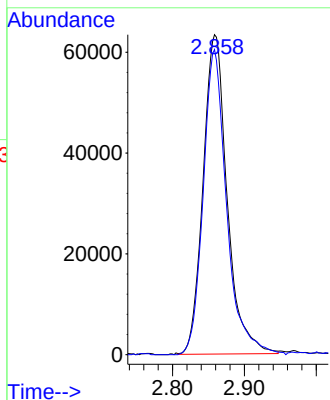
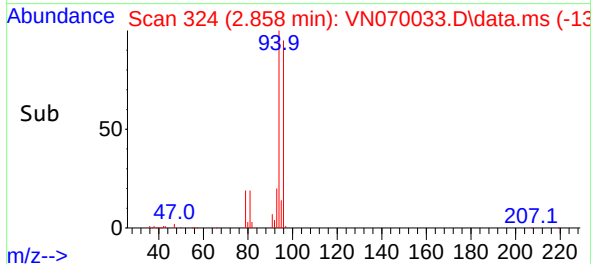
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



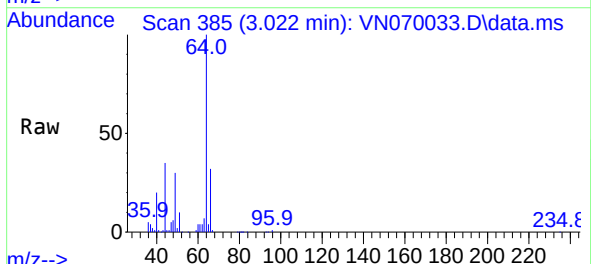
Tgt Ion: 94 Resp: 147659
Ion Ratio Lower Upper
94 100
96 95.7 75.2 112.8

Manual Integrations
APPROVED

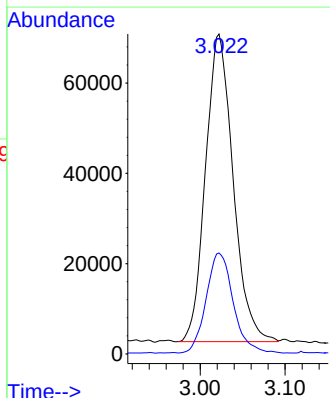
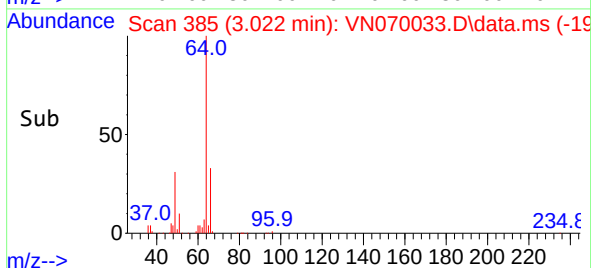
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

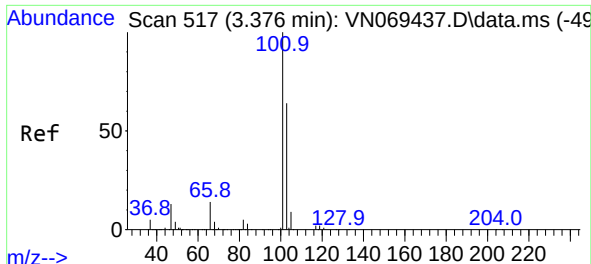


#6
Chloroethane
Concen: 20.088 ug/l
RT: 3.022 min Scan# 385
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33



Tgt Ion: 64 Resp: 153892
Ion Ratio Lower Upper
64 100
66 32.5 24.6 36.8





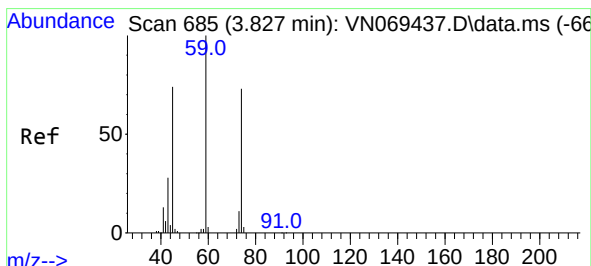
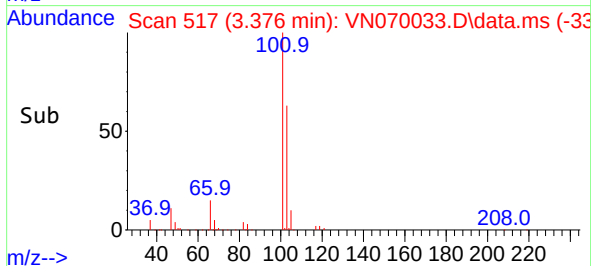
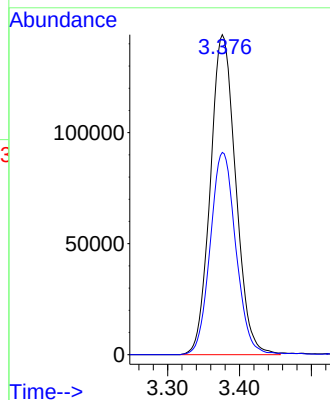
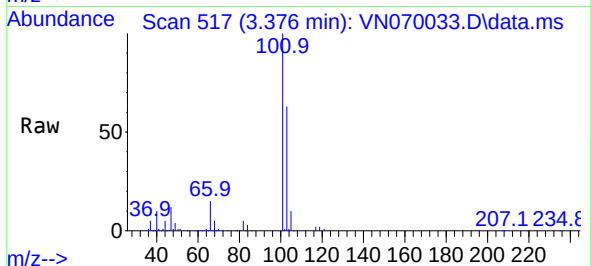
#7
Trichlorofluoromethane
Concen: 20.284 ug/l
RT: 3.376 min Scan# 517
Delta R.T. -0.003 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01

Tgt Ion:101 Resp: 353314
Ion Ratio Lower Upper
101 100
103 63.2 50.1 75.1

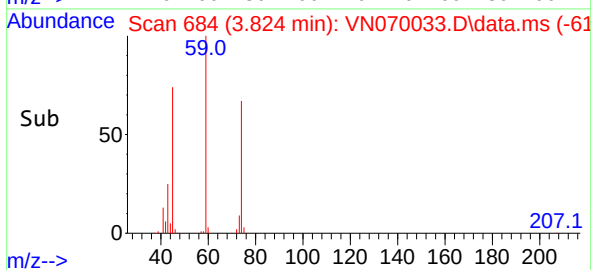
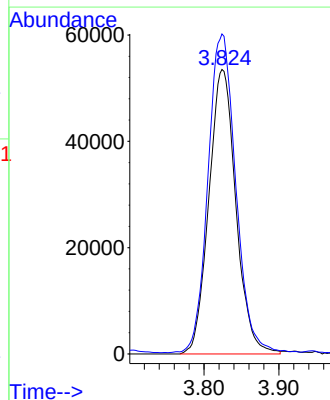
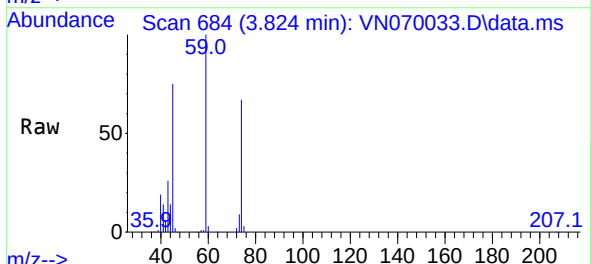
Manual Integrations
APPROVED

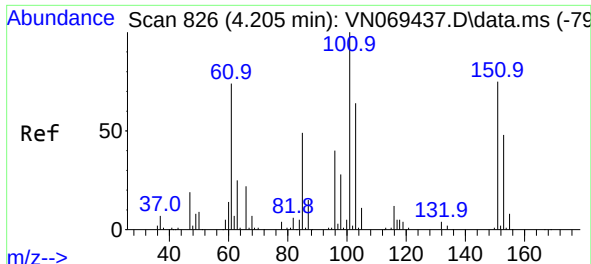
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#8
Diethyl Ether
Concen: 19.480 ug/l
RT: 3.824 min Scan# 684
Delta R.T. -0.003 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

Tgt Ion: 74 Resp: 134636
Ion Ratio Lower Upper
74 100
45 113.6 17.6 158.8





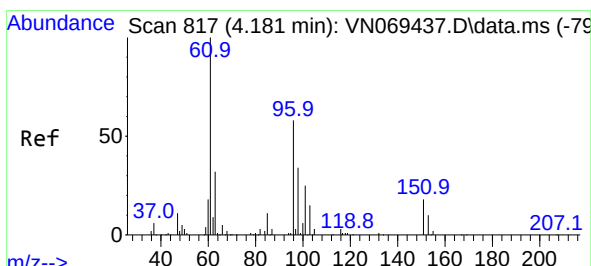
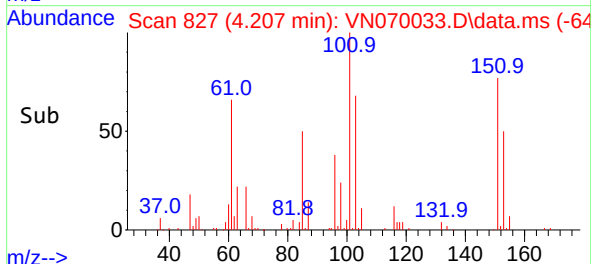
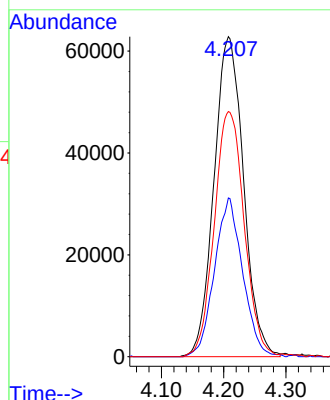
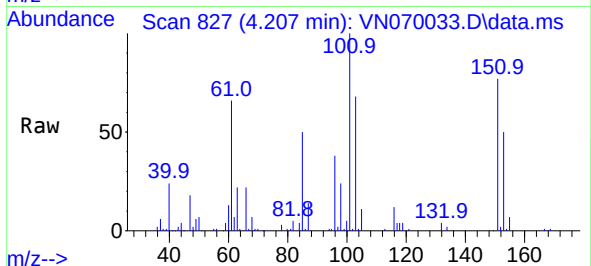
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.249 ug/l
RT: 4.207 min Scan# 817
Delta R.T. -0.003 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01

Tgt Ion:101 Resp: 207172
Ion Ratio Lower Upper
101 100
85 47.3 0.0 94.0
151 77.5 0.0 74.6

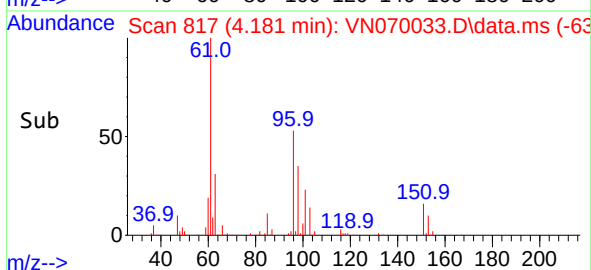
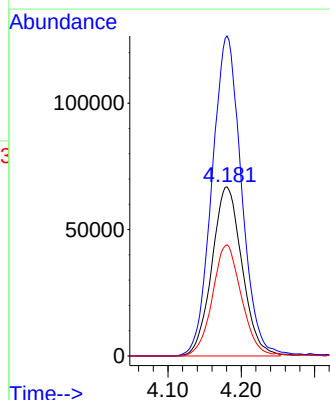
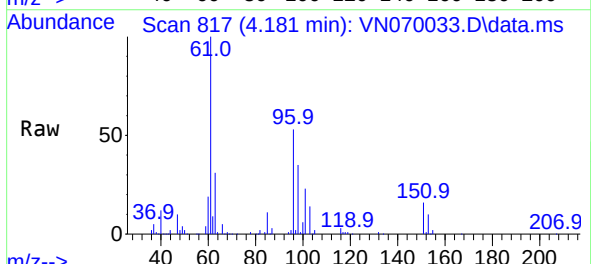
Manual Integrations
APPROVED

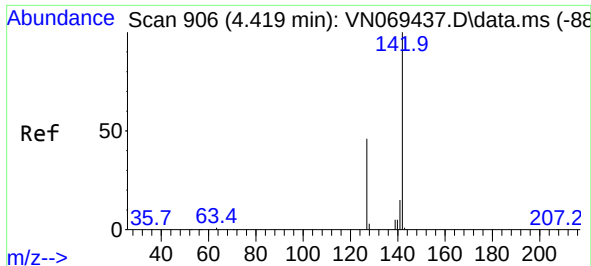
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#10
1,1-Dichloroethene
Concen: 19.632 ug/l
RT: 4.181 min Scan# 817
Delta R.T. -0.003 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

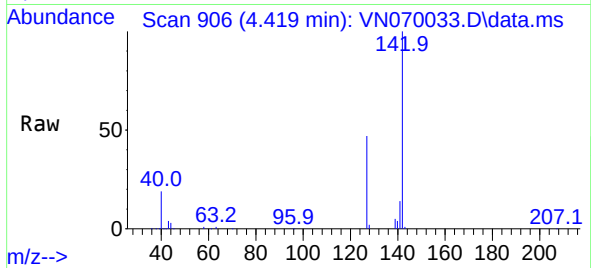
Tgt Ion: 96 Resp: 191054
Ion Ratio Lower Upper
96 100
61 188.7 126.2 189.4
98 65.8 50.9 76.3





#11
Methyl Iodide
Concen: 19.329 ug/l
RT: 4.419 min Scan# 906
Delta R.T. -0.003 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

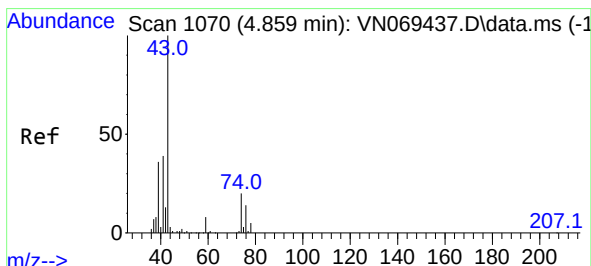
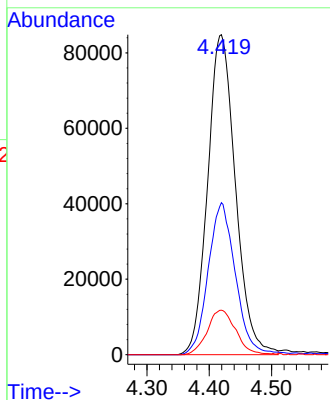
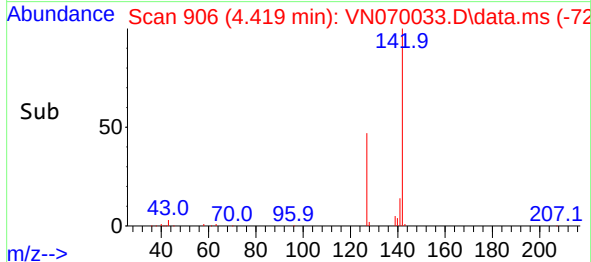
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



Tgt Ion:142 Resp: 26321
Ion Ratio Lower Upper
142 100
127 47.4 24.0 72.0
141 13.8 8.4 25.2

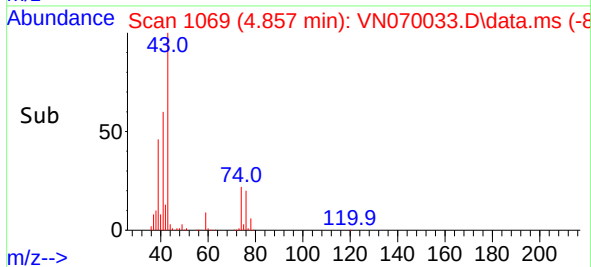
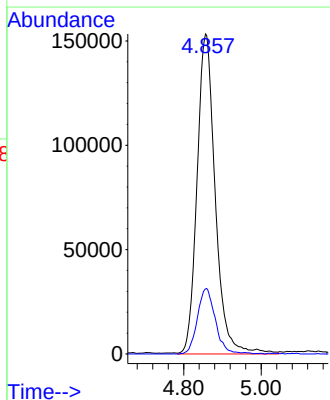
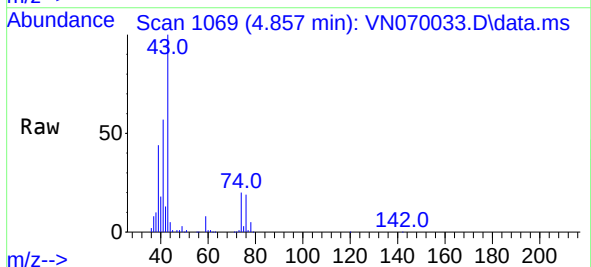
Manual Integrations
APPROVED

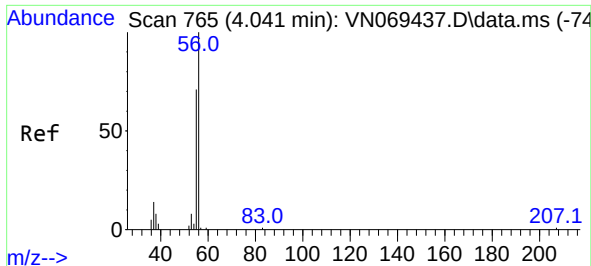
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#12
Methyl Acetate
Concen: 20.931 ug/l m
RT: 4.857 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

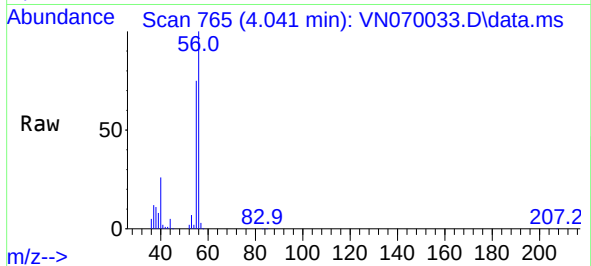
Tgt Ion: 43 Resp: 501761
Ion Ratio Lower Upper
43 100
74 20.3 20.8 31.2#





#13
Acrolein
Concen: 89.558 ug/l
RT: 4.041 min Scan# 765
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

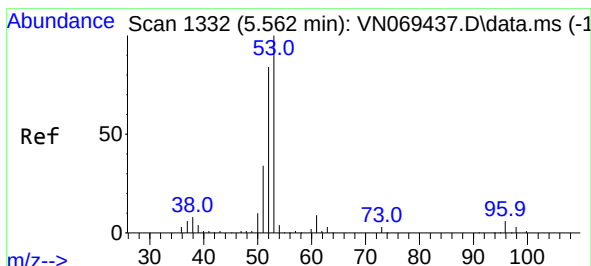
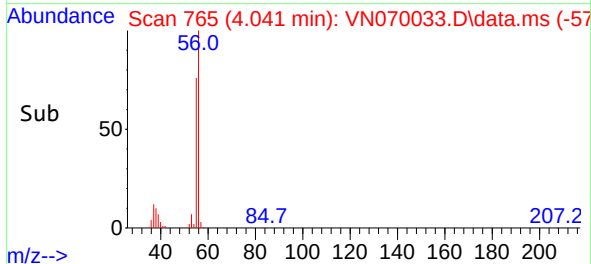
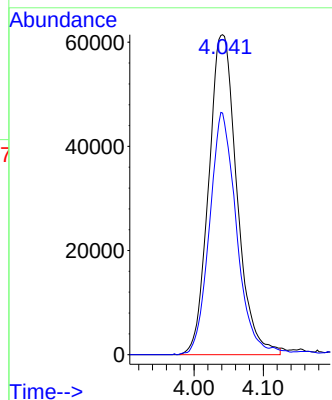
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



Tgt Ion: 56 Resp: 173779
Ion Ratio Lower Upper
56 100
55 71.7 57.6 86.4

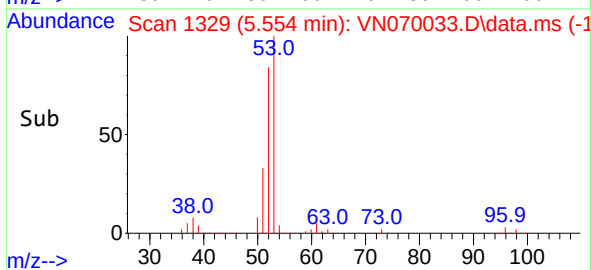
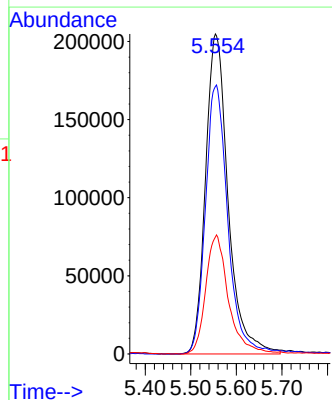
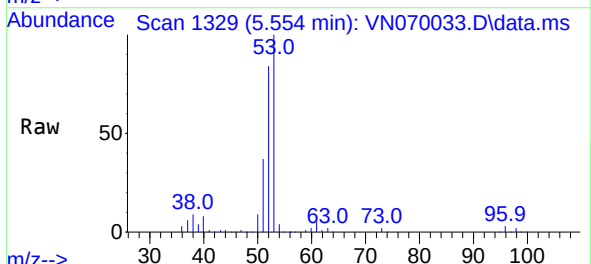
Manual Integrations
APPROVED

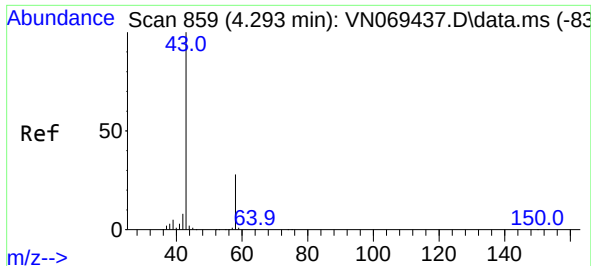
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#14
Acrylonitrile
Concen: 102.018 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.003 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

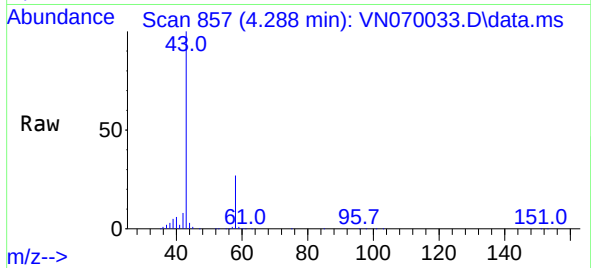
Tgt Ion: 53 Resp: 706119
Ion Ratio Lower Upper
53 100
52 82.2 41.8 125.4
51 36.8 19.0 57.0





#15
Acetone
Concen: 87.383 ug/l
RT: 4.288 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

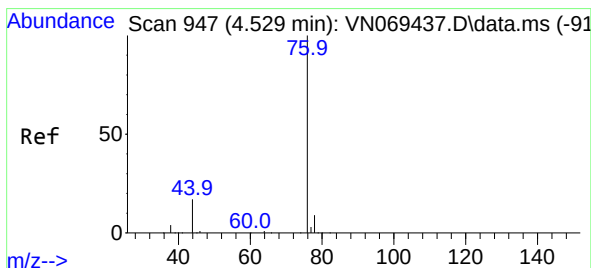
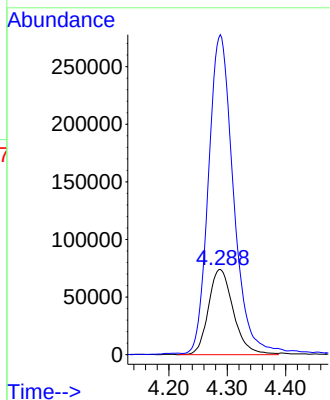
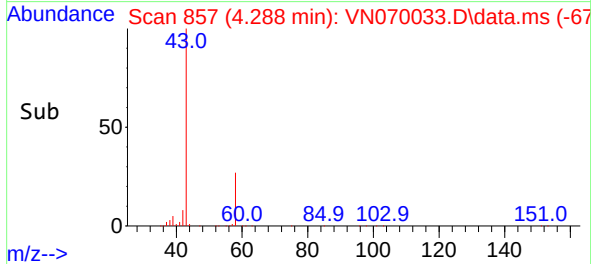
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



Tgt Ion: 58 Resp: 219468
Ion Ratio Lower Upper
58 100
43 373.5 256.6 384.8

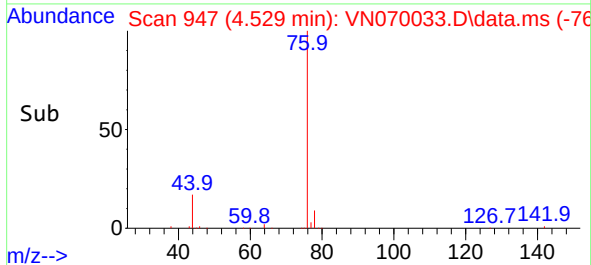
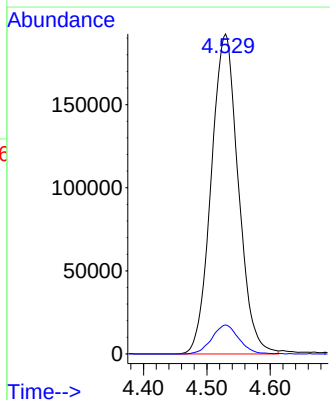
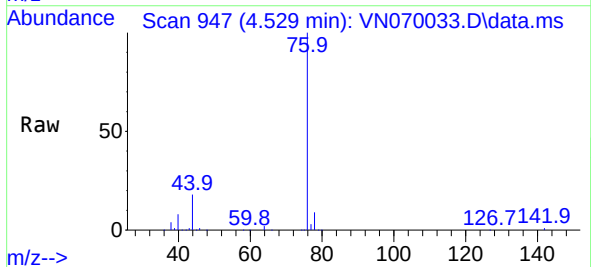
Manual Integrations
APPROVED

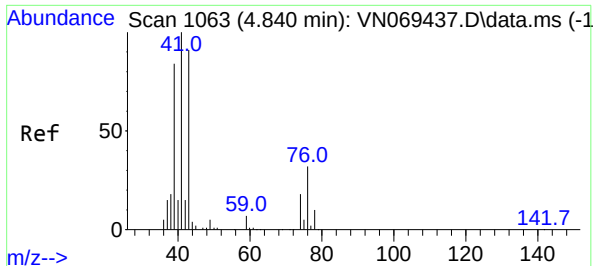
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#16
Carbon Disulfide
Concen: 19.525 ug/l
RT: 4.529 min Scan# 947
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

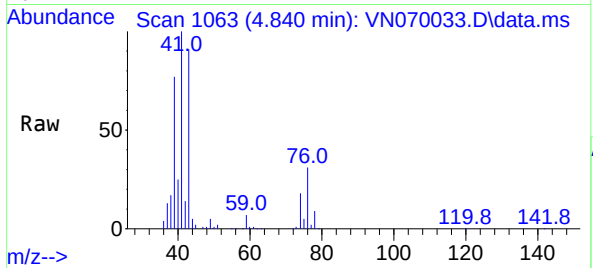
Tgt Ion: 76 Resp: 572537
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8





#17
Allyl chloride
Concen: 19.840 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

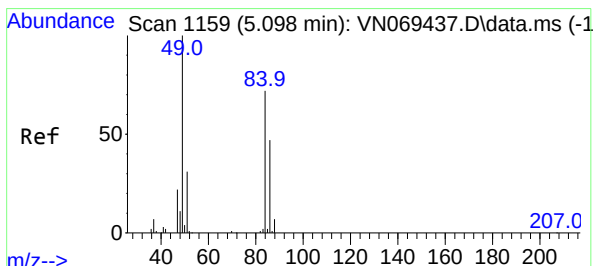
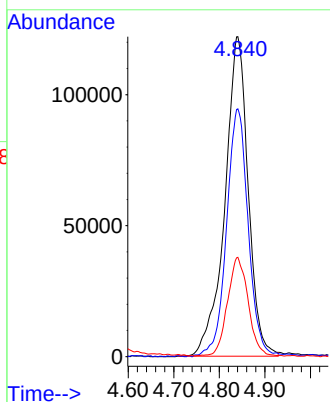
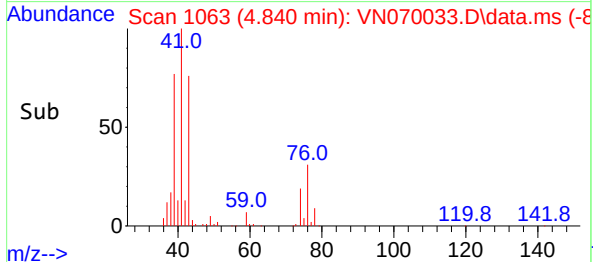
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



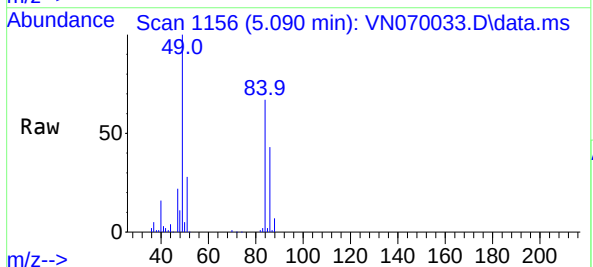
Tgt Ion: 41 Resp: 434232
Ion Ratio Lower Upper
41 100
39 77.3 44.6 134.0
76 30.7 19.6 58.7

Manual Integrations
APPROVED

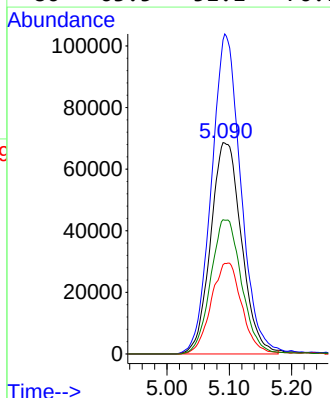
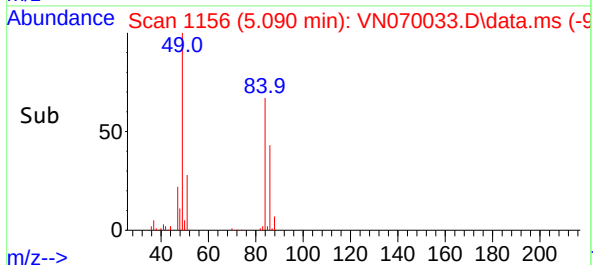
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

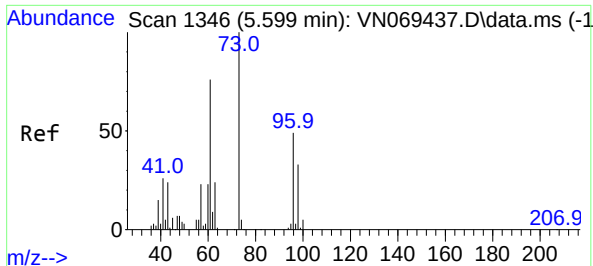


#18
Methylene Chloride
Concen: 20.101 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.008 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33



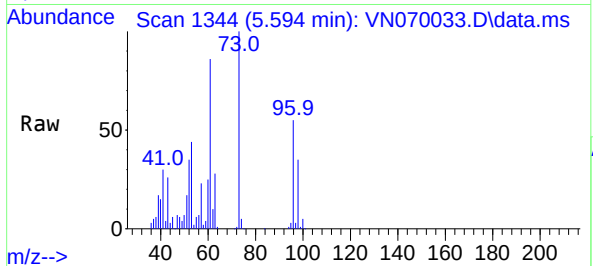
Tgt Ion: 84 Resp: 235807
Ion Ratio Lower Upper
84 100
49 148.3 91.4 137.0#
51 42.2 29.4 44.0
86 63.5 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 20.137 ug/l
RT: 5.594 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

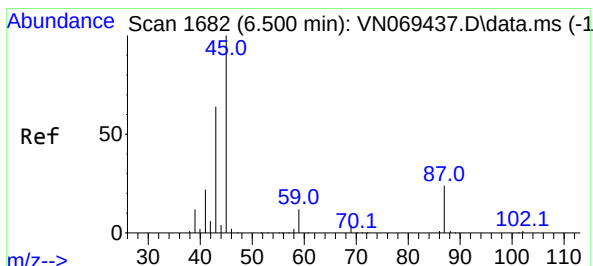
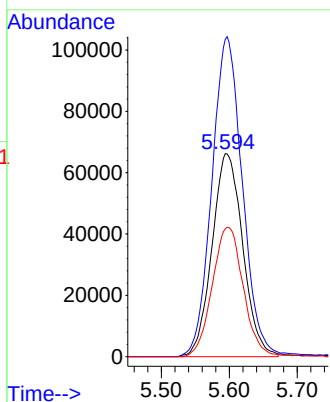
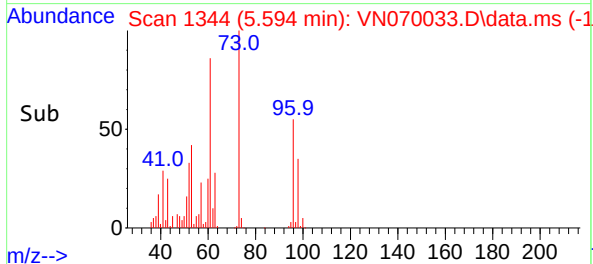
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



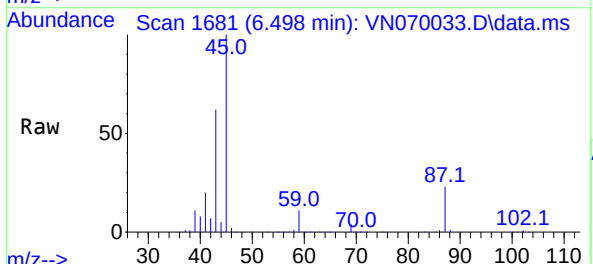
Tgt Ion: 96 Resp: 208150
Ion Ratio Lower Upper
96 100
61 156.2 102.8 154.2
98 63.0 49.3 73.9

Manual Integrations
APPROVED

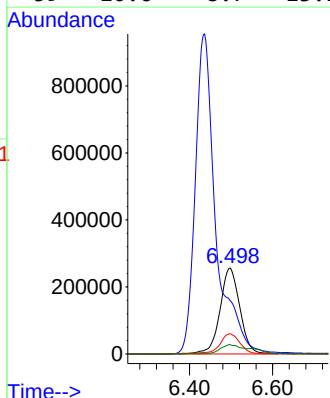
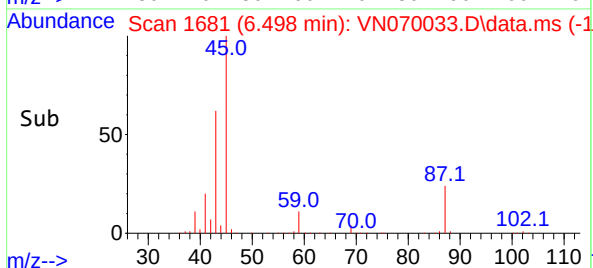
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

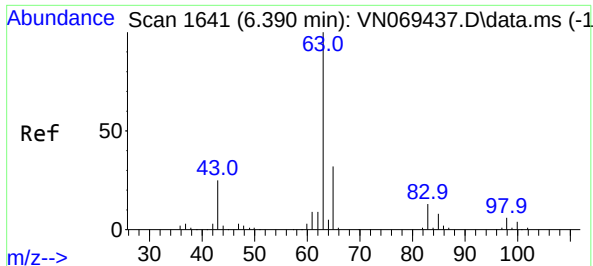


#20
Diisopropyl ether
Concen: 20.296 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33



Tgt Ion: 45 Resp: 850749
Ion Ratio Lower Upper
45 100
43 60.8 51.0 76.4
87 23.4 25.0 37.4
59 10.6 8.7 13.1





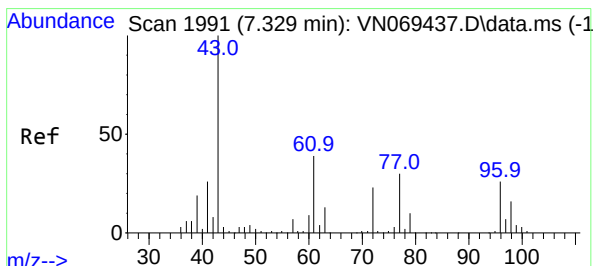
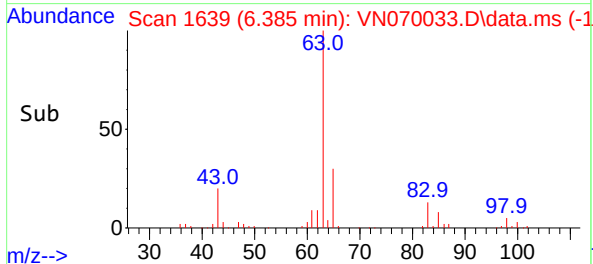
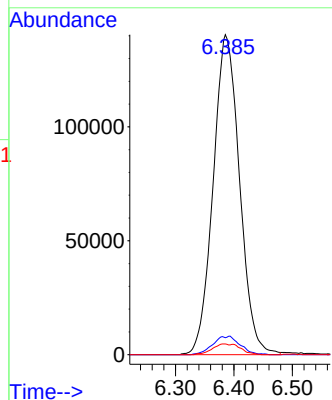
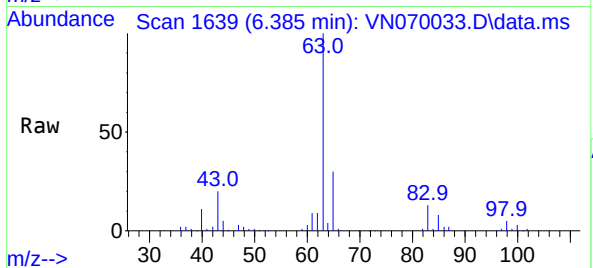
#21
1,1-Dichloroethane
Concen: 19.971 ug/l
RT: 6.385 min Scan# 1
Delta R.T. -0.003 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01

Tgt Ion: 63 Resp: 441299
Ion Ratio Lower Upper
63 100
98 5.3 3.2 9.6
100 3.3 2.1 6.2

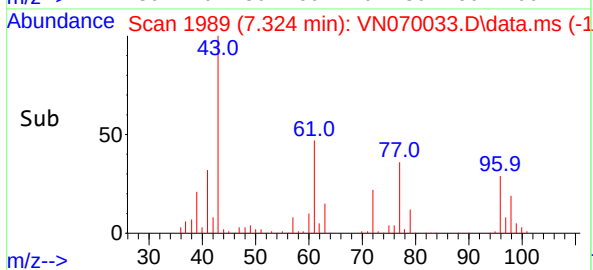
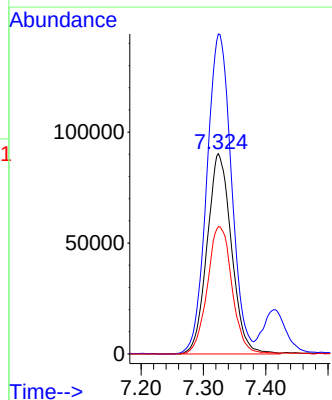
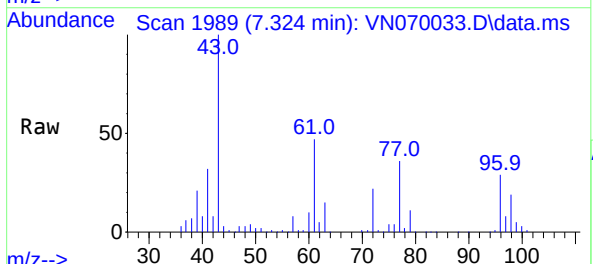
Manual Integrations
APPROVED

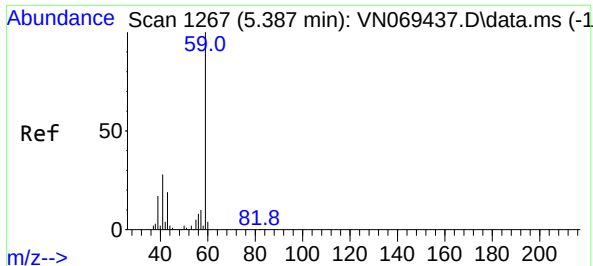
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#22
cis-1,2-Dichloroethene
Concen: 20.060 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

Tgt Ion: 96 Resp: 245427
Ion Ratio Lower Upper
96 100
61 161.5 115.7 173.5
98 64.1 51.6 77.4





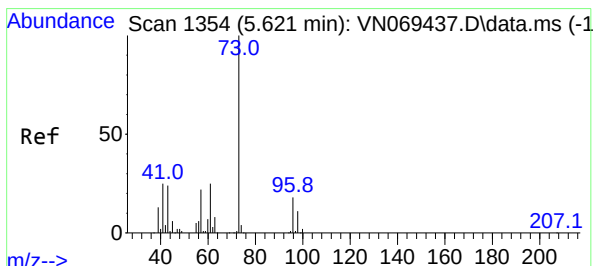
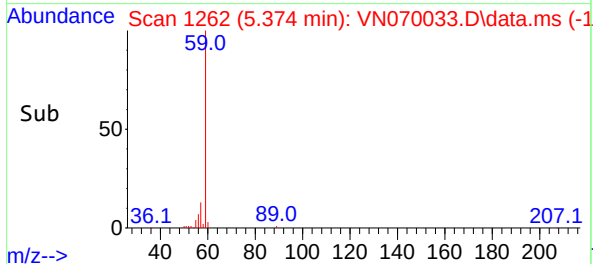
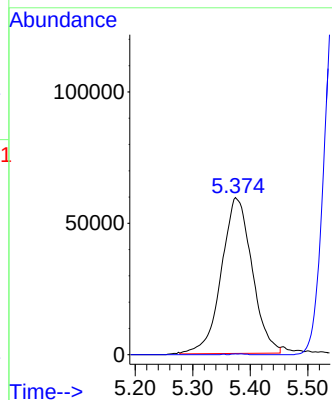
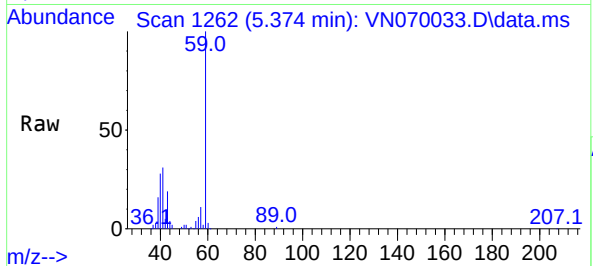
#23
tert-Butyl Alcohol
Concen: 100.399 ug/l
RT: 5.374 min Scan# 1267
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01

Tgt Ion: 59 Resp: 219670
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

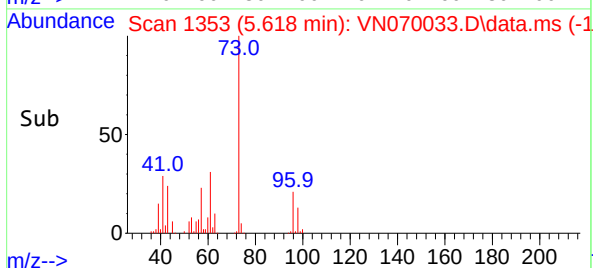
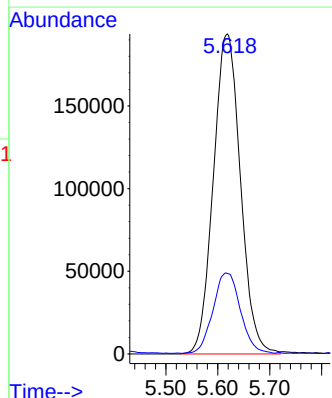
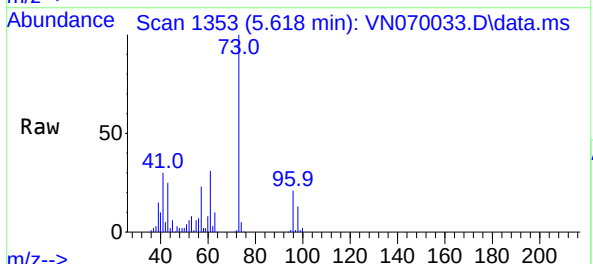
Manual Integrations
APPROVED

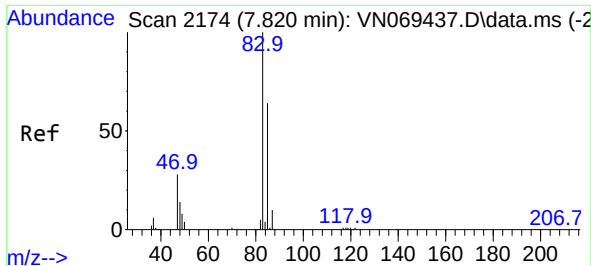
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#24
Methyl tert-Butyl Ether
Concen: 20.310 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

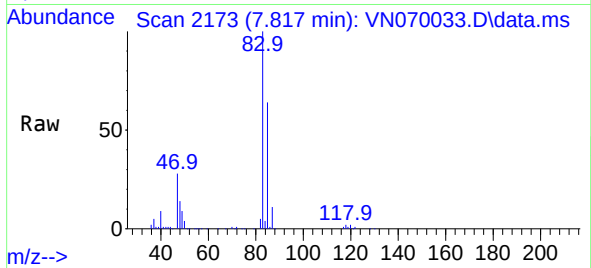
Tgt Ion: 73 Resp: 701871
Ion Ratio Lower Upper
73 100
43 25.3 18.1 27.1





#25
Chloroform
Concen: 19.957 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

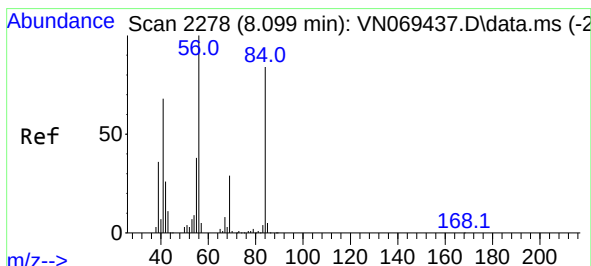
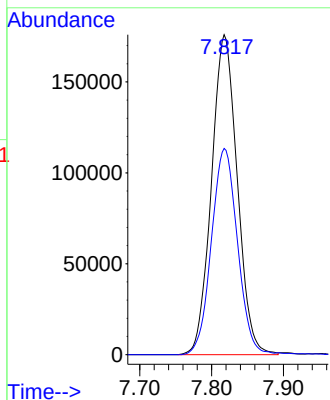
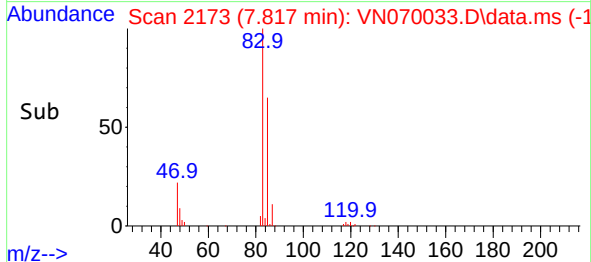
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



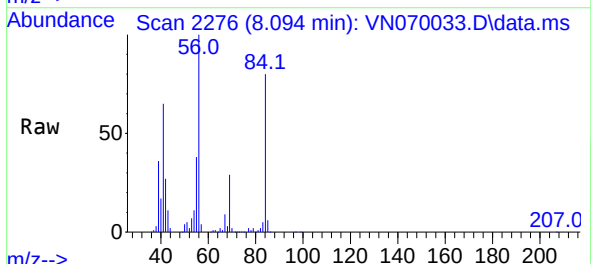
Tgt Ion: 83 Resp: 43814
Ion Ratio Lower Upper
83 100
85 64.5 51.3 76.9

Manual Integrations
APPROVED

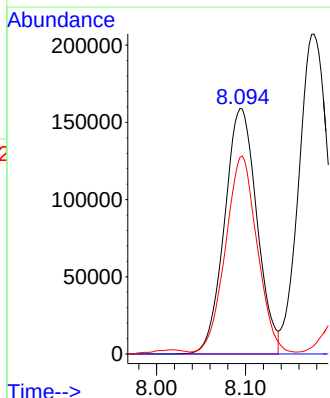
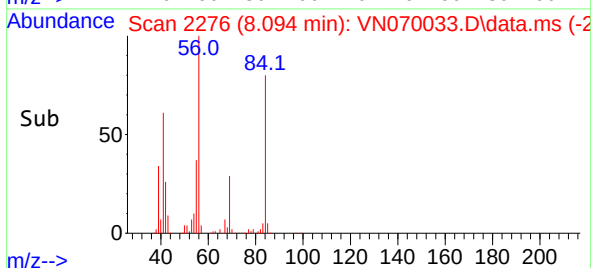
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

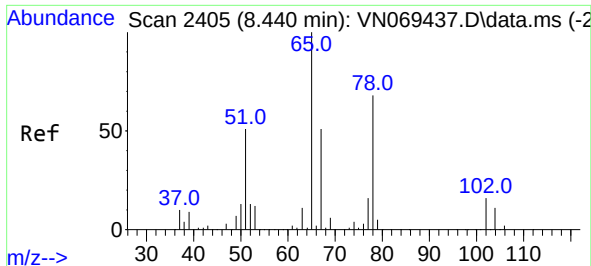


#26
Cyclohexane
Concen: 19.674 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.003 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33



Tgt Ion: 56 Resp: 402419
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 77.8 74.6 111.8





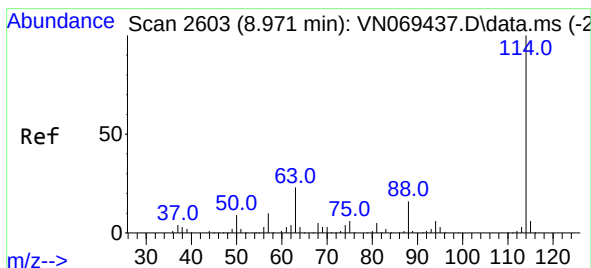
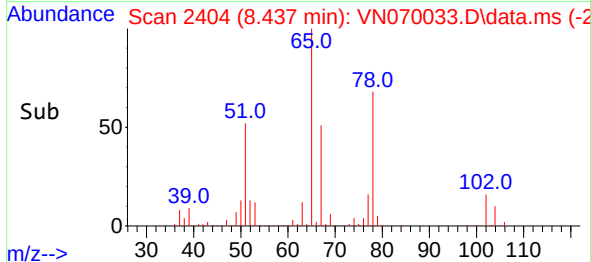
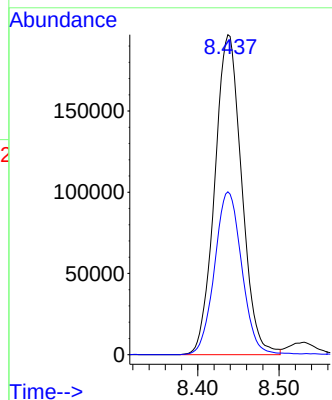
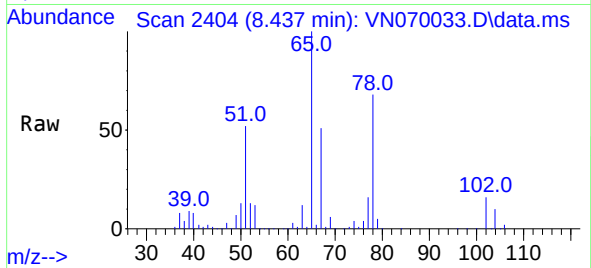
#27
1,2-Dichloroethane-d4
Concen: 30.061 ug/l
RT: 8.437 min Scan# 2405
Delta R.T. -0.003 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01

Tgt Ion: 65 Resp: 45444
Ion Ratio Lower Upper
65 100
67 51.1 40.2 60.2

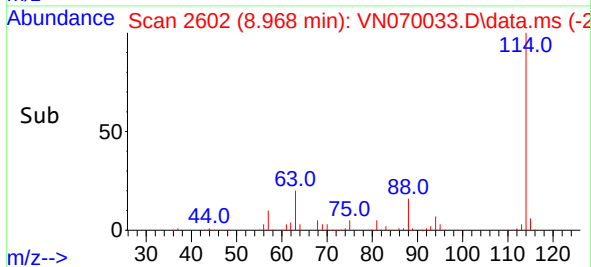
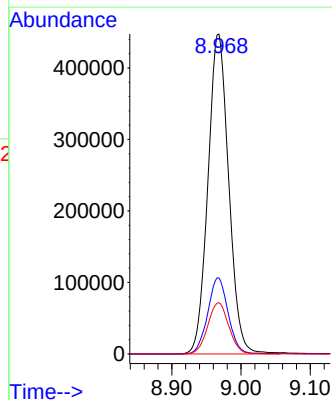
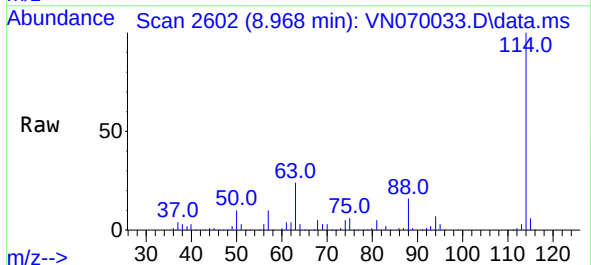
Manual Integrations
APPROVED

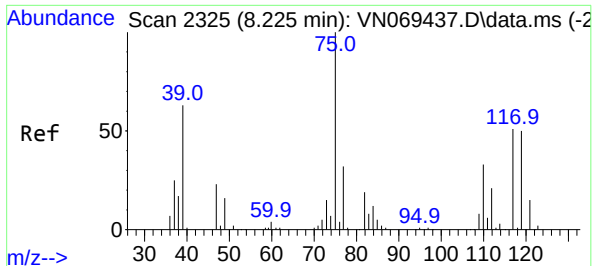
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

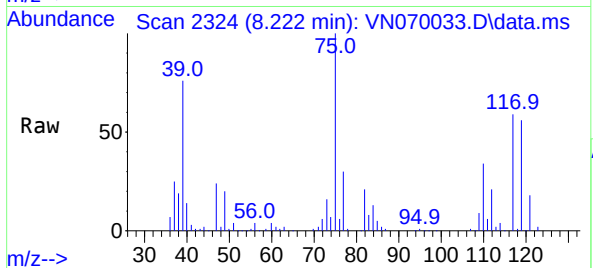
Tgt Ion:114 Resp: 933946
Ion Ratio Lower Upper
114 100
63 23.4 15.8 23.6
88 16.2 11.6 17.4





#29
1,1-Dichloropropene
Concen: 20.018 ug/l
RT: 8.222 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

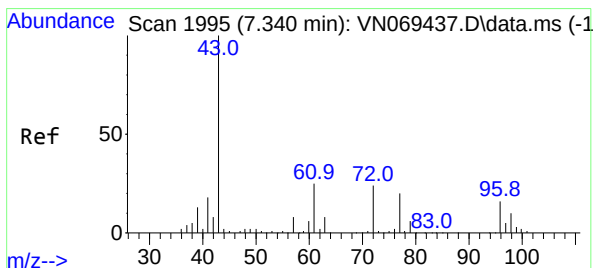
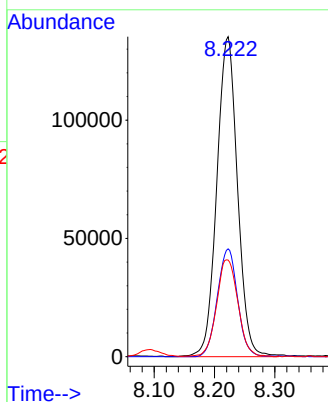
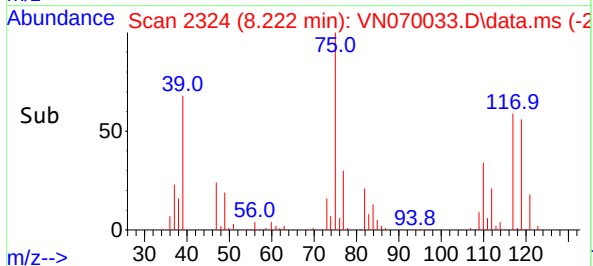
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



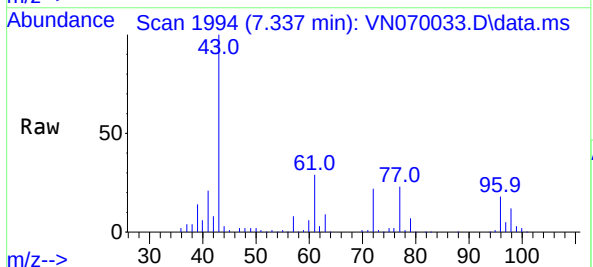
Tgt Ion: 75 Resp: 321904
Ion Ratio Lower Upper
75 100
110 33.0 0.0 74.2
77 31.0 0.0 63.2

Manual Integrations
APPROVED

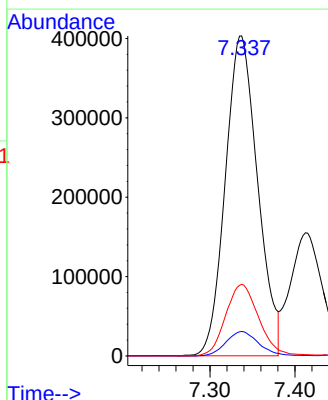
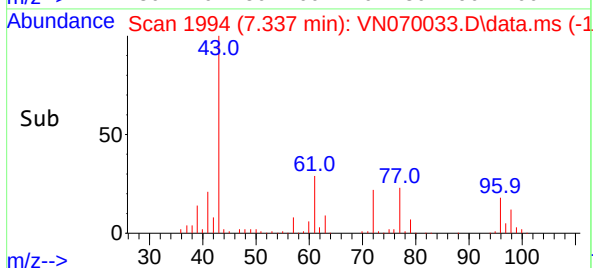
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

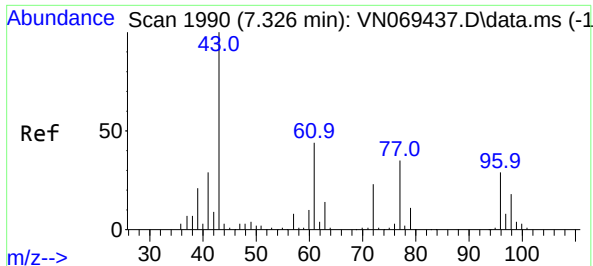


#30
2-Butanone
Concen: 96.194 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.003 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33



Tgt Ion: 43 Resp: 1064280
Ion Ratio Lower Upper
43 100
57 7.8 6.7 10.1
72 23.1 23.2 34.8#





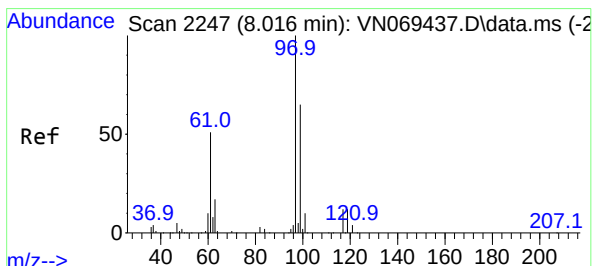
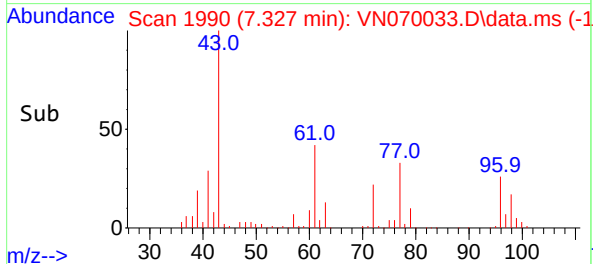
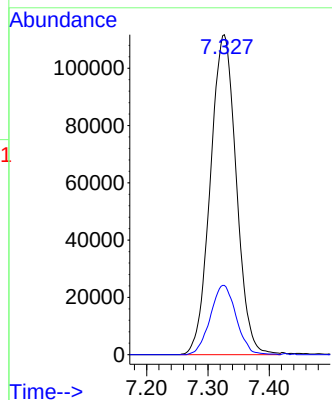
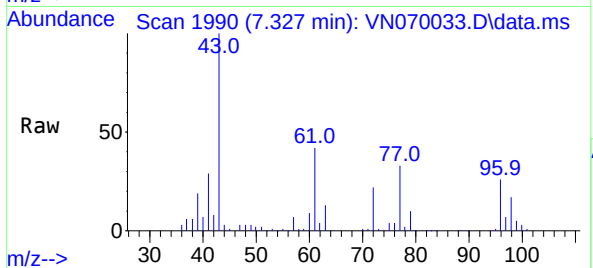
#31
2,2-Dichloropropane
Concen: 19.524 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01

Tgt Ion: 77 Resp: 328320
Ion Ratio Lower Upper
77 100
97 21.6 18.3 27.5

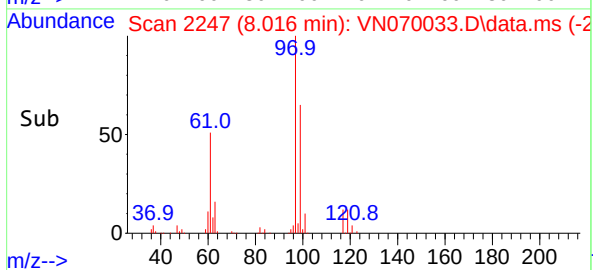
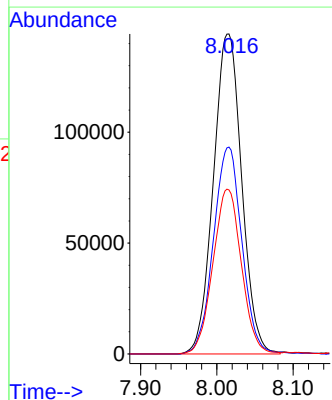
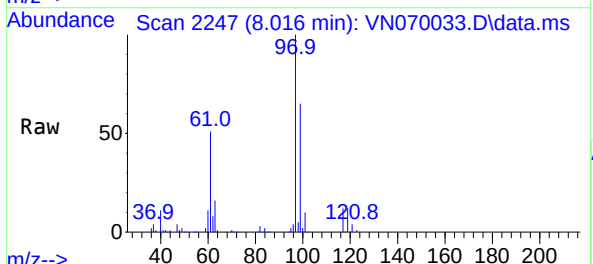
Manual Integrations
APPROVED

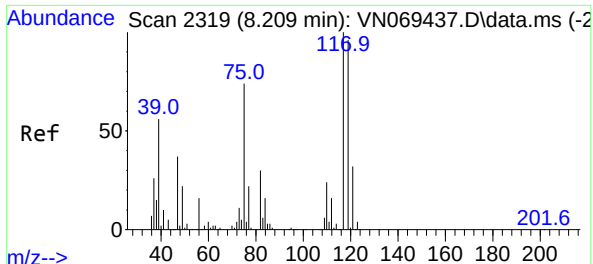
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#32
1,1,1-Trichloroethane
Concen: 19.995 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.003 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

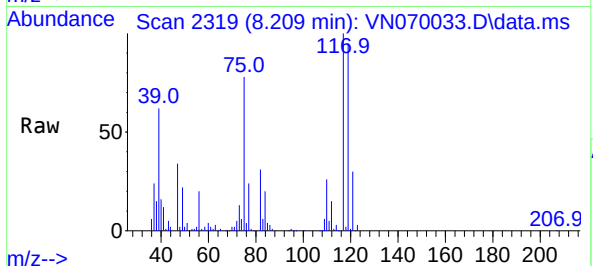
Tgt Ion: 97 Resp: 372388
Ion Ratio Lower Upper
97 100
99 64.8 50.4 75.6
61 51.7 34.6 51.8





#33
Carbon Tetrachloride
Concen: 19.807 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.003 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

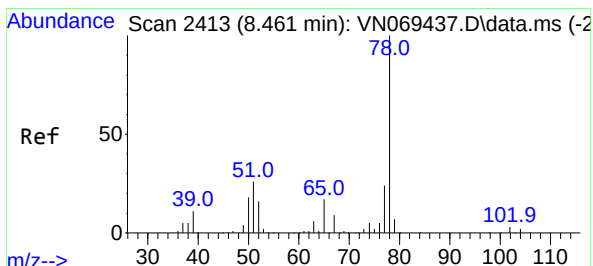
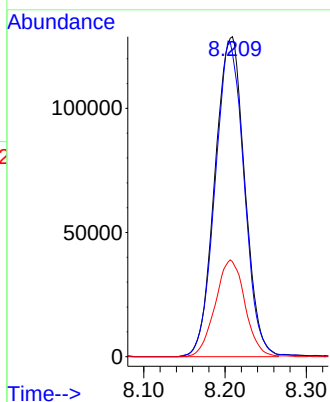
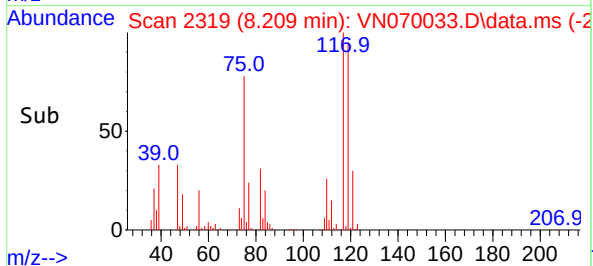
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



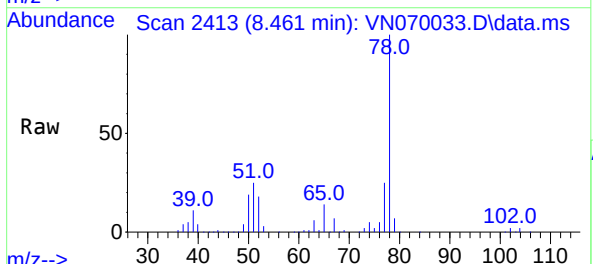
Tgt Ion: 117 Resp: 327910
Ion Ratio Lower Upper
117 100
119 94.8 77.5 116.3
121 29.7 23.5 35.3

Manual Integrations
APPROVED

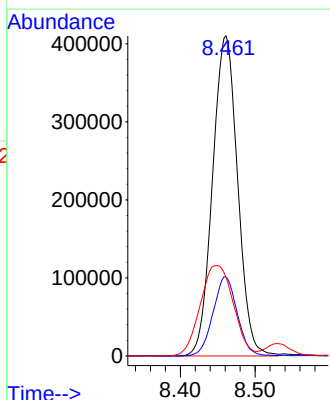
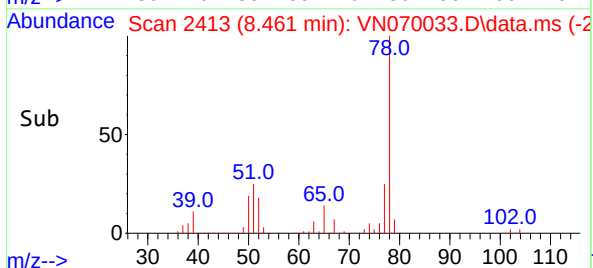
Reviewed By : John Carlone 12/14/2021
Supervised By : Amit Patel 12/15/2021

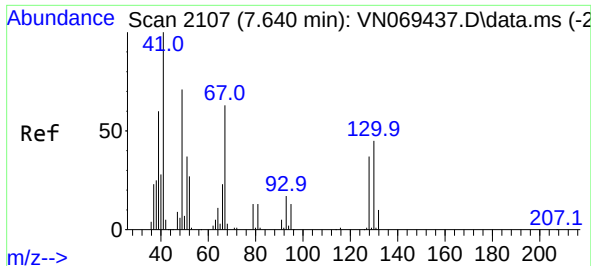


#34
Benzene
Concen: 20.125 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33



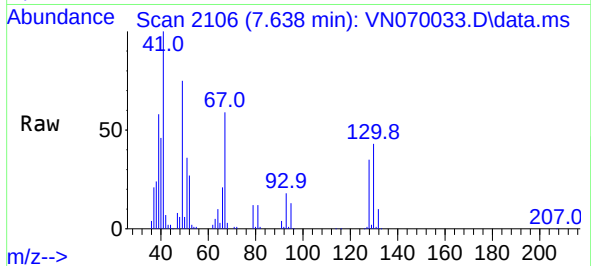
Tgt Ion: 78 Resp: 956797
Ion Ratio Lower Upper
78 100
77 24.7 19.1 28.7
51 24.1 16.0 24.0#





#35
Methacrylonitrile
Concen: 20.919 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

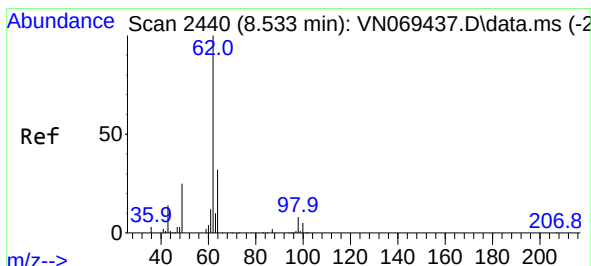
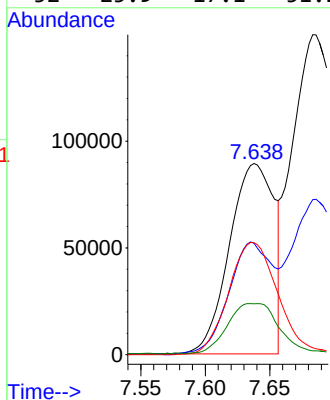
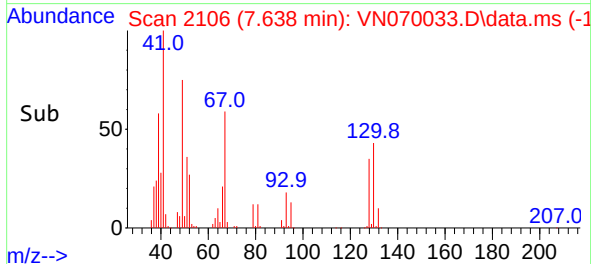
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



Tgt Ion: 41 Resp: 214099
Ion Ratio Lower Upper
41 100
39 57.9 28.0 83.9
67 58.5 37.7 113.1
52 25.9 17.1 51.2

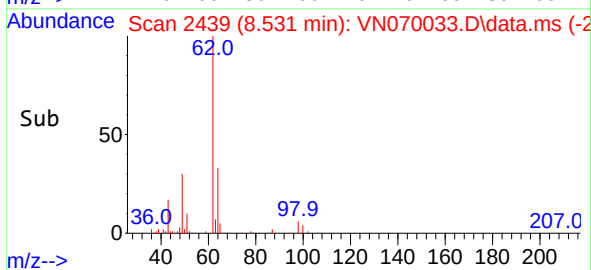
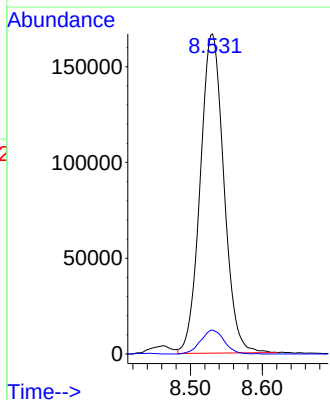
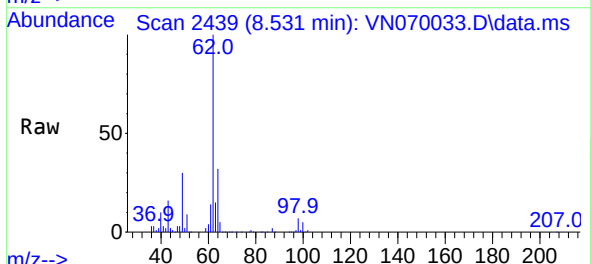
Manual Integrations
APPROVED

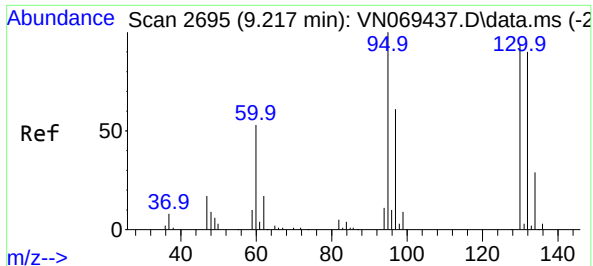
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#36
1,2-Dichloroethane
Concen: 20.297 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

Tgt Ion: 62 Resp: 380909
Ion Ratio Lower Upper
62 100
98 7.5 6.6 10.0





#37

Trichloroethene

Concen: 20.093 ug/l

RT: 9.215 min Scan# 2

Delta R.T. -0.003 min

Lab File: VN070033.D

Acq: 13 Dec 2021 15:33

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBS01

Tgt Ion:130 Resp: 227215

Ion Ratio Lower Upper

130 100

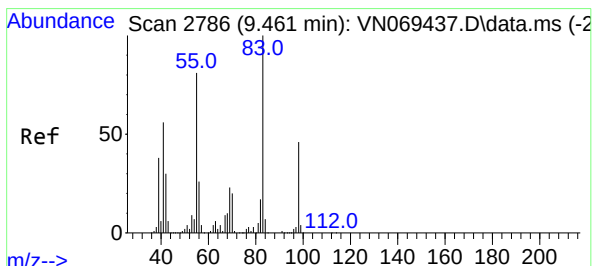
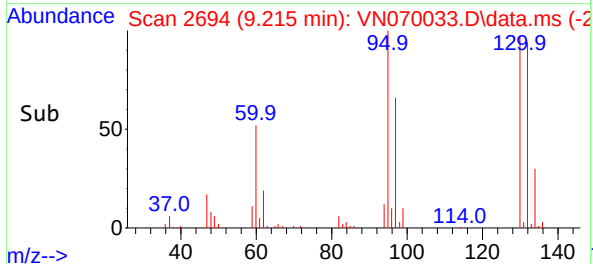
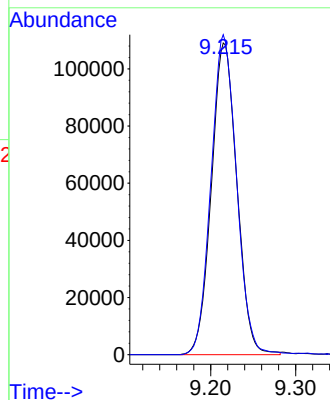
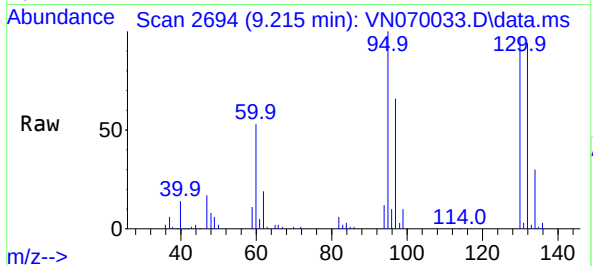
95 102.6 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2021

Supervised By :Amit Patel 12/15/2021



#38

Methylcyclohexane

Concen: 19.778 ug/l

RT: 9.459 min Scan# 2785

Delta R.T. -0.000 min

Lab File: VN070033.D

Acq: 13 Dec 2021 15:33

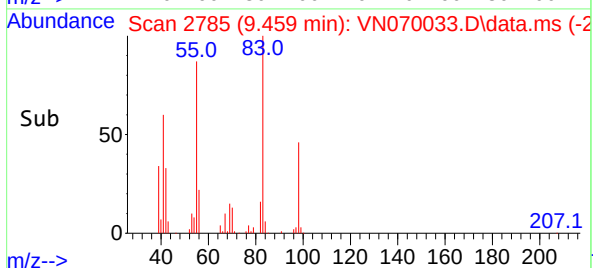
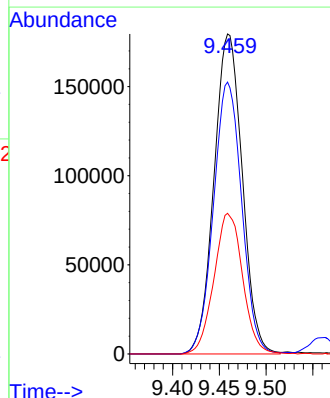
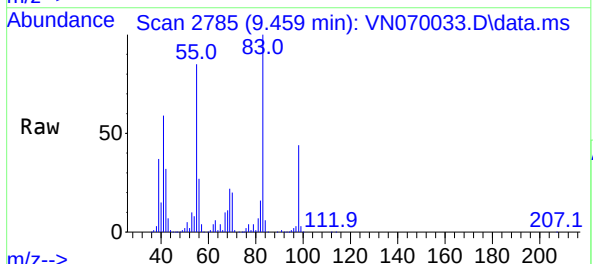
Tgt Ion: 83 Resp: 378056

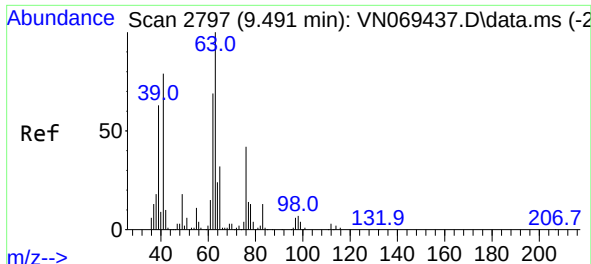
Ion Ratio Lower Upper

83 100

55 84.9 35.1 105.3

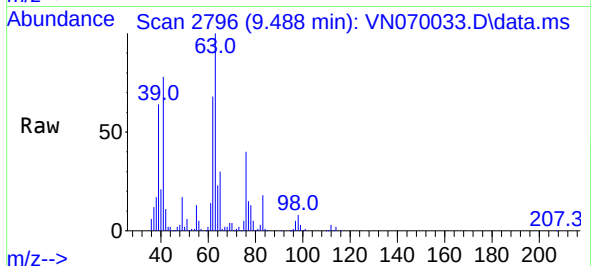
98 44.6 23.4 70.2





#39
1,2-Dichloropropane
Concen: 20.434 ug/l
RT: 9.488 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

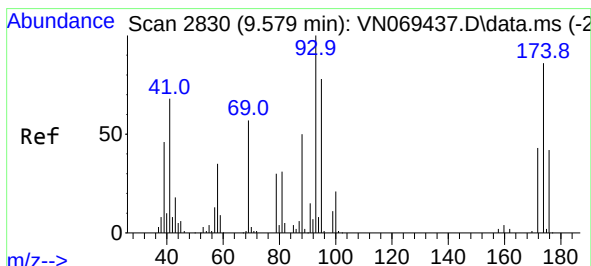
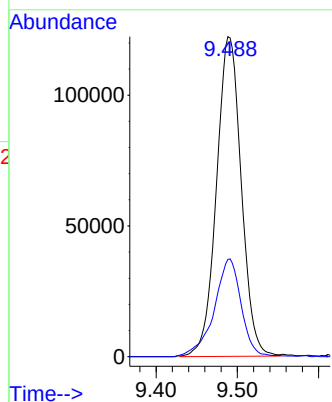
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



Tgt Ion: 63 Resp: 258999
Ion Ratio Lower Upper
63 100
65 30.1 24.2 36.4

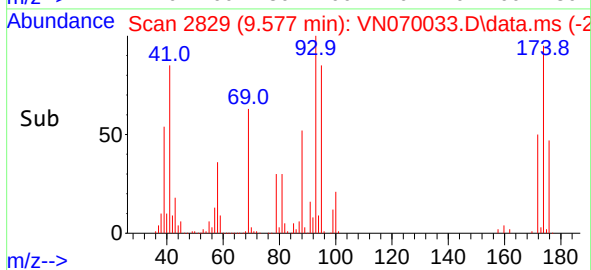
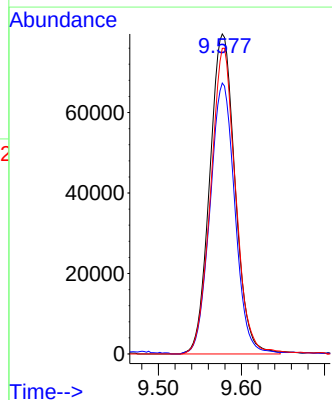
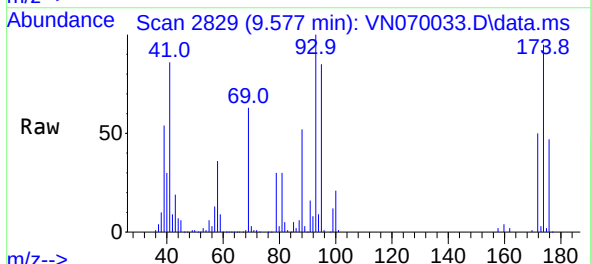
Manual Integrations
APPROVED

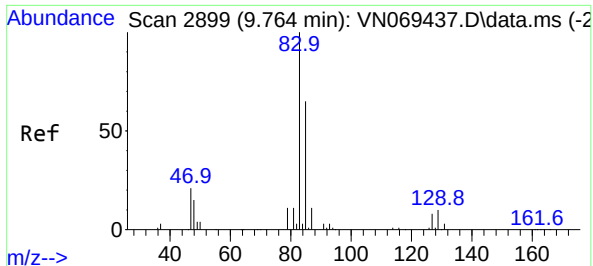
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#40
Dibromomethane
Concen: 20.154 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

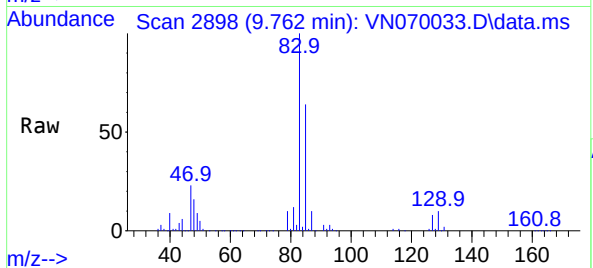
Tgt Ion: 93 Resp: 168504
Ion Ratio Lower Upper
93 100
95 83.1 0.0 168.8
174 93.2 0.0 173.6





#41
Bromodichloromethane
Concen: 19.755 ug/l
RT: 9.762 min Scan# 2899
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

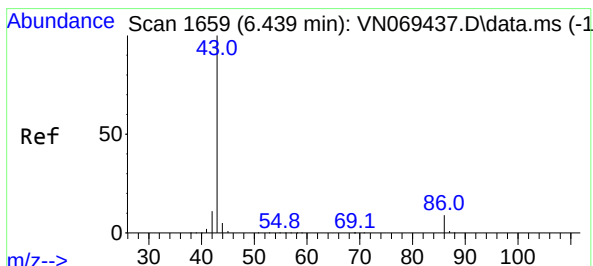
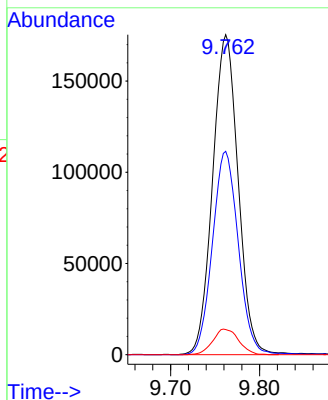
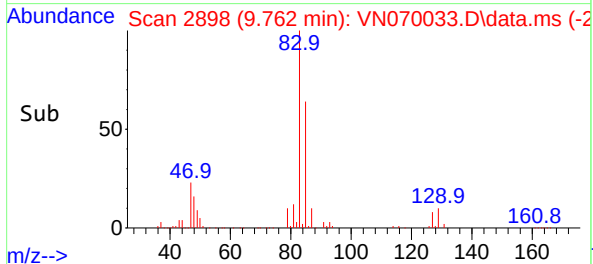
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



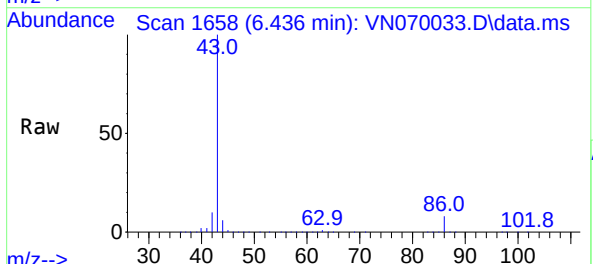
Tgt Ion: 83 Resp: 349240
Ion Ratio Lower Upper
83 100
85 63.5 54.1 81.1
127 7.8 7.6 11.4

Manual Integrations
APPROVED

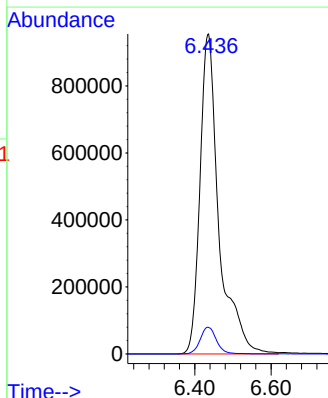
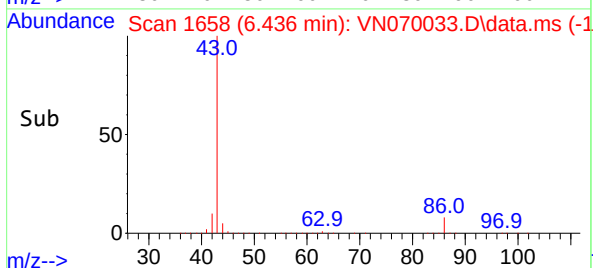
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

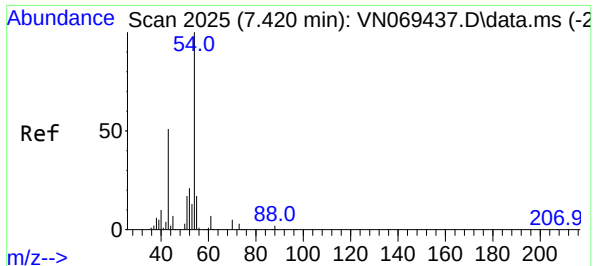


#42
Vinyl Acetate
Concen: 101.281 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. 0.003 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33



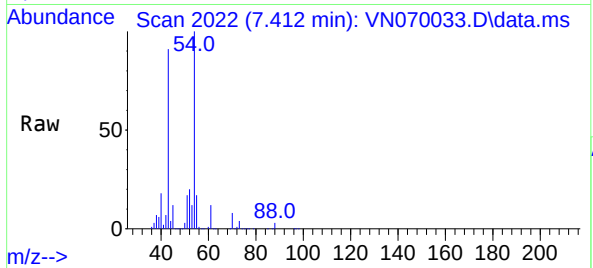
Tgt Ion: 43 Resp: 3291714
Ion Ratio Lower Upper
43 100
86 7.1 7.5 11.3#





#43
Ethyl Acetate
Concen: 20.124 ug/l
RT: 7.412 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

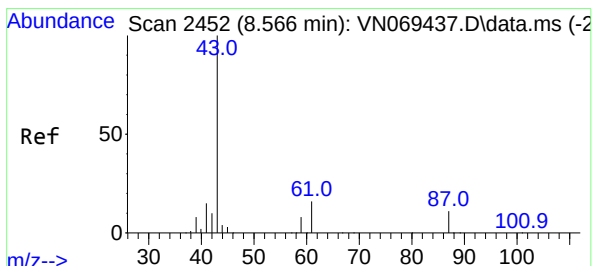
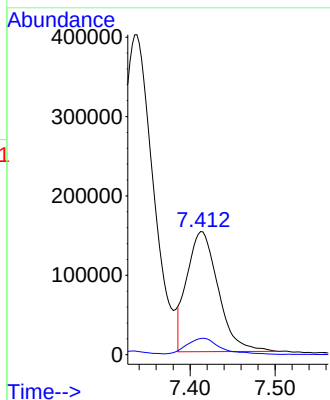
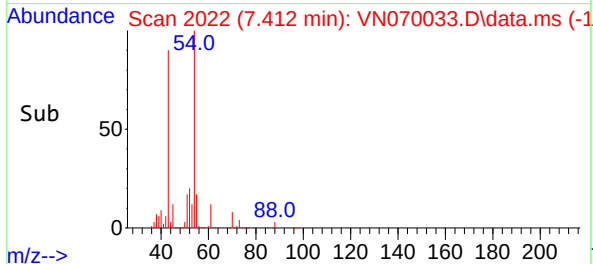
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



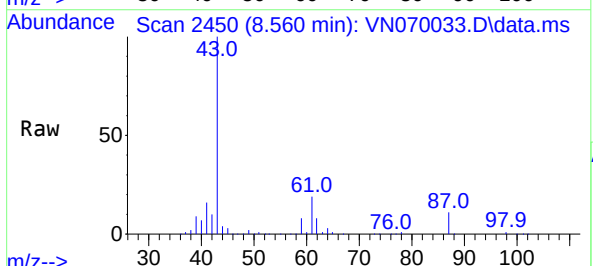
Tgt Ion: 43 Resp: 386732
Ion Ratio Lower Upper
43 100
45 14.5 10.6 16.0

Manual Integrations
APPROVED

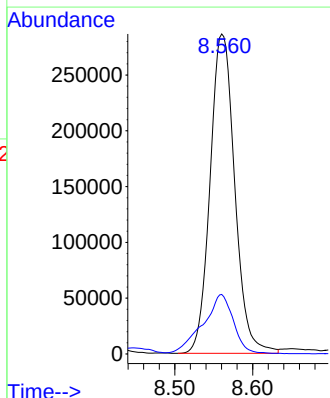
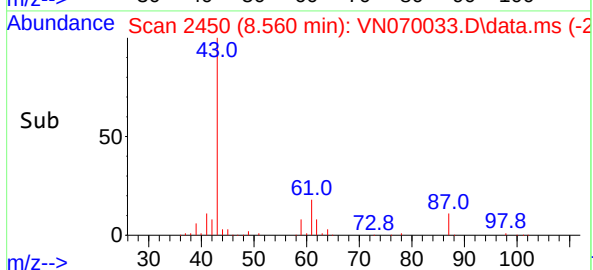
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

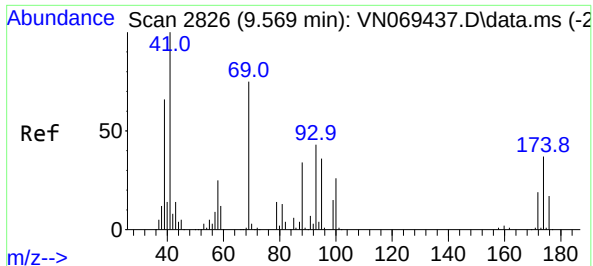


#44
Isopropyl Acetate
Concen: 20.331 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33



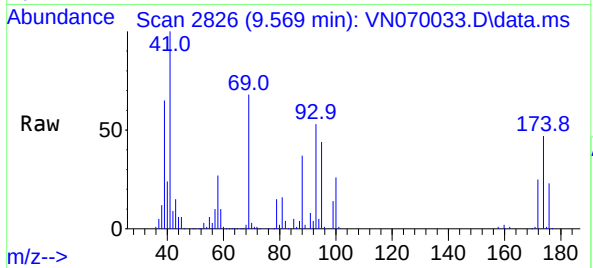
Tgt Ion: 43 Resp: 628894
Ion Ratio Lower Upper
43 100
61 22.3 20.1 30.1





#45
1,4-Dioxane
Concen: 464.090 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

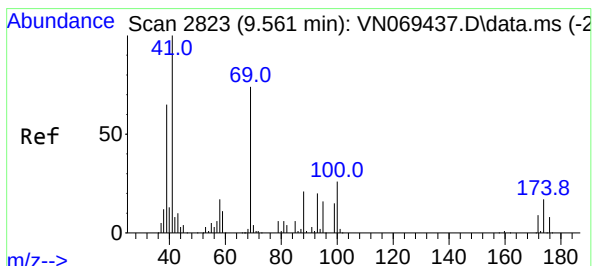
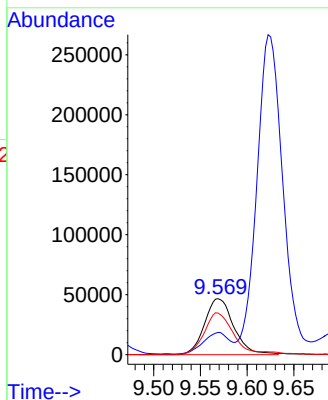
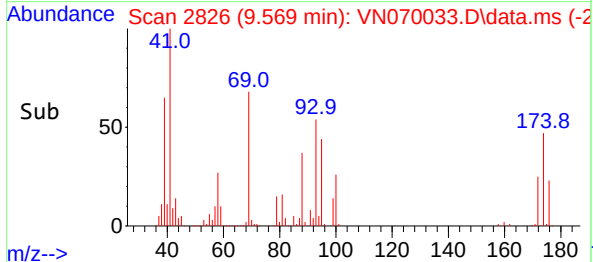
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



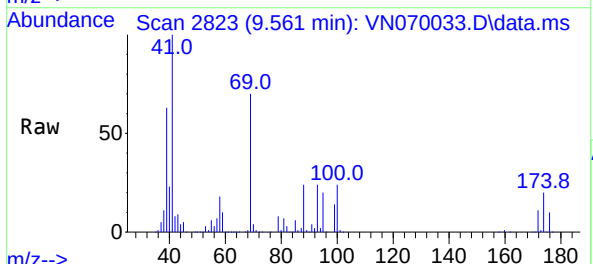
Tgt Ion: 88 Resp: 101589
Ion Ratio Lower Upper
88 100
43 35.0 25.0 37.6
58 72.8 49.4 74.2

Manual Integrations
APPROVED

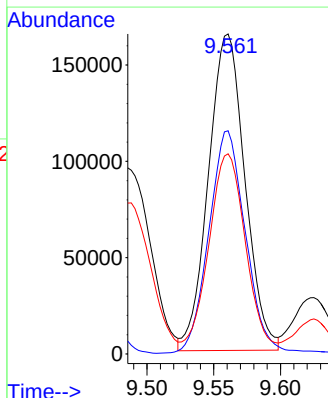
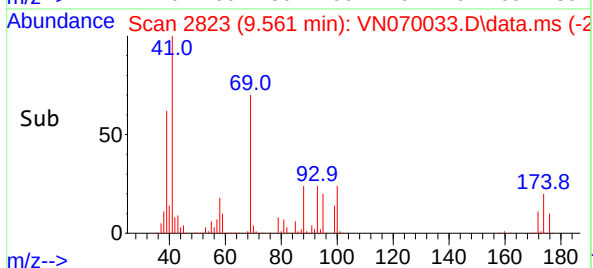
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

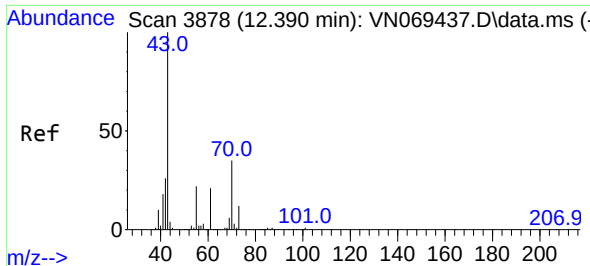


#46
Methyl methacrylate
Concen: 21.383 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33



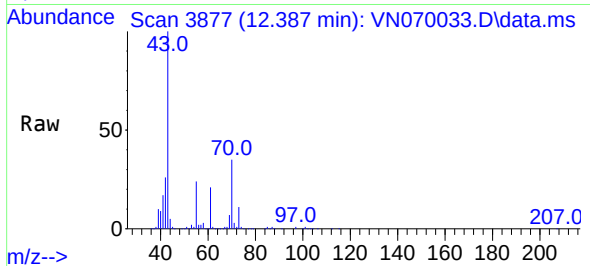
Tgt Ion: 41 Resp: 313262
Ion Ratio Lower Upper
41 100
69 72.3 44.4 133.2
39 62.1 39.9 119.6





#47
n-amy1 Acetate
Concen: 18.940 ug/l
RT: 12.387 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

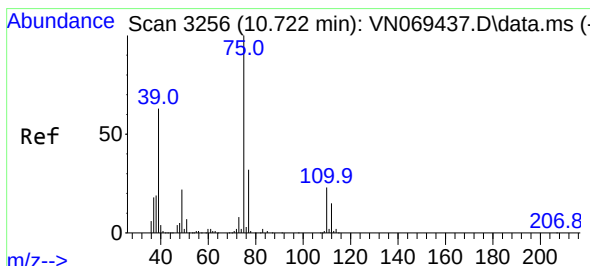
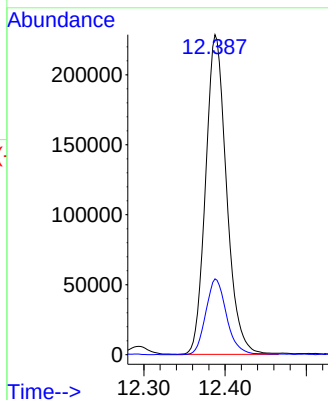
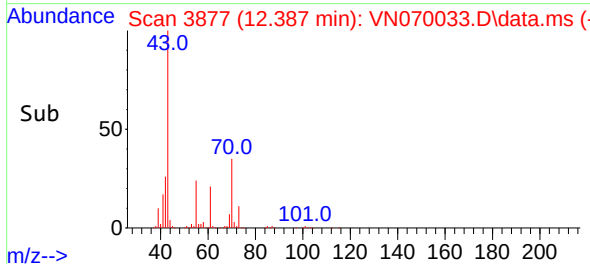
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



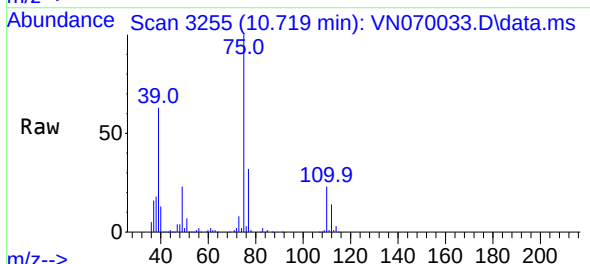
Tgt Ion: 43 Resp: 40856
Ion Ratio Lower Upper
43 100
55 23.7 19.0 28.6

Manual Integrations
APPROVED

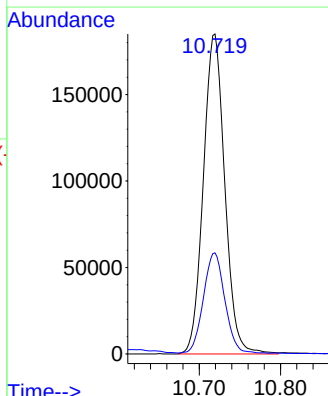
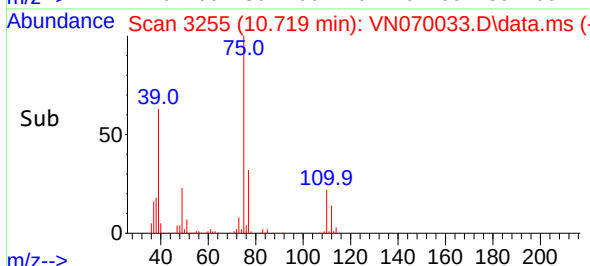
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

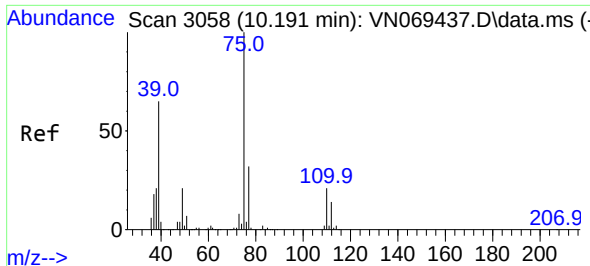


#48
t-1,3-Dichloropropene
Concen: 19.077 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33



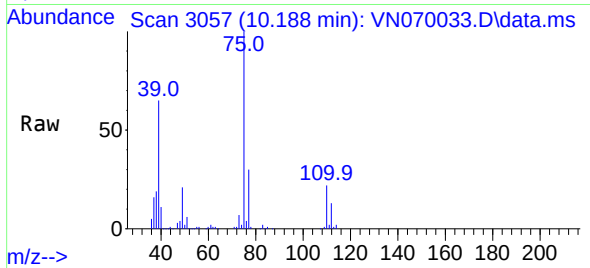
Tgt Ion: 75 Resp: 339222
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 19.638 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

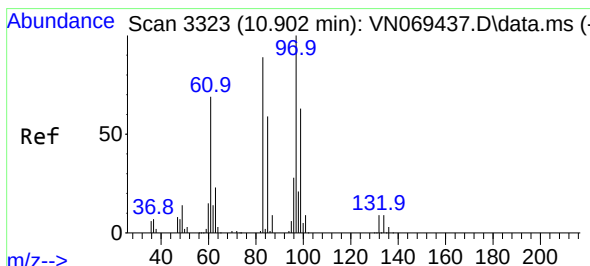
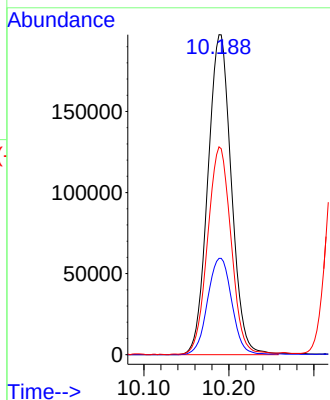
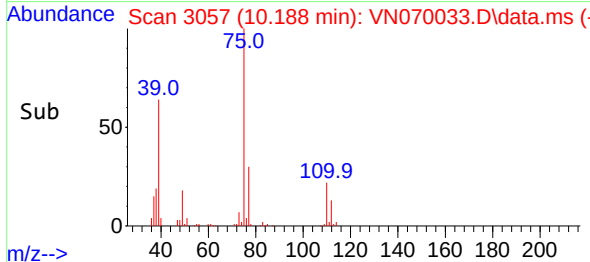
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



Tgt Ion: 75 Resp: 378964
Ion Ratio Lower Upper
75 100
77 30.1 25.3 37.9
39 64.8 46.2 69.4

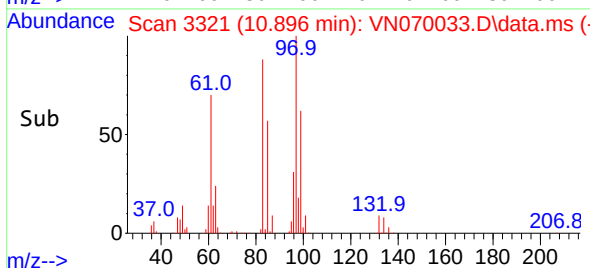
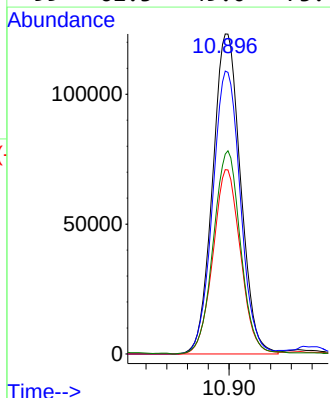
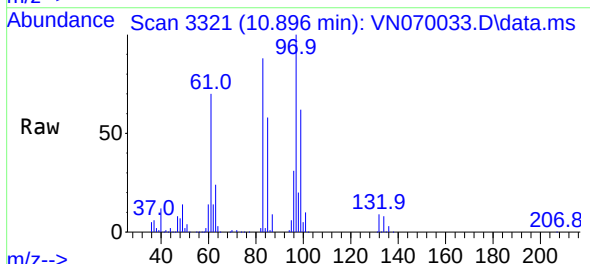
Manual Integrations
APPROVED

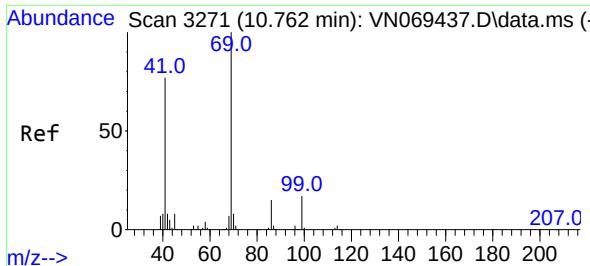
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#50
1,1,2-Trichloroethane
Concen: 20.258 ug/l
RT: 10.896 min Scan# 3321
Delta R.T. -0.003 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

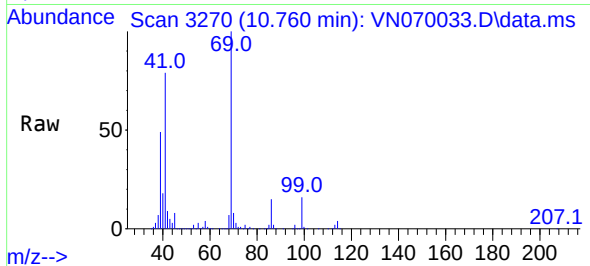
Tgt Ion: 97 Resp: 230220
Ion Ratio Lower Upper
97 100
83 88.4 67.2 100.8
85 57.6 43.0 64.4
99 62.3 49.0 73.4





#51
Ethyl methacrylate
Concen: 19.850 ug/l
RT: 10.760 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

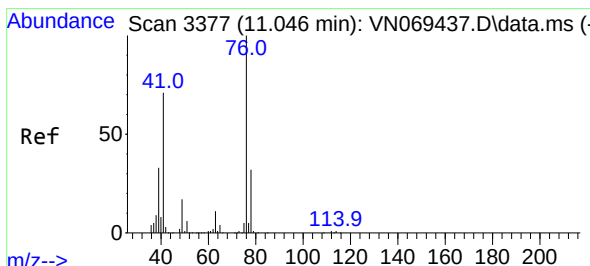
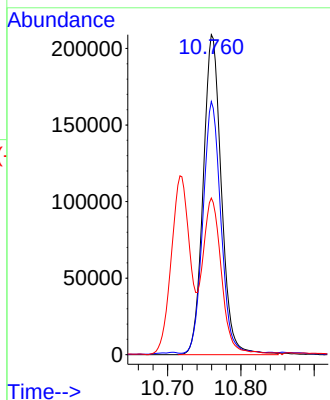
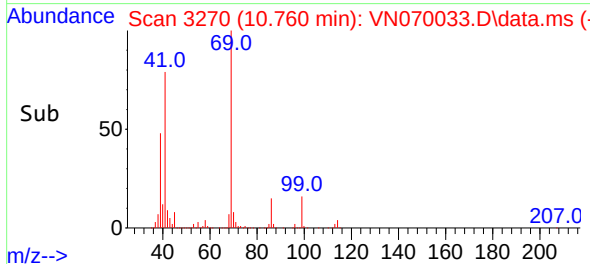
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



Tgt Ion: 69 Resp: 360540
Ion Ratio Lower Upper
69 100
41 78.6 33.0 98.9
39 48.4 25.4 76.4

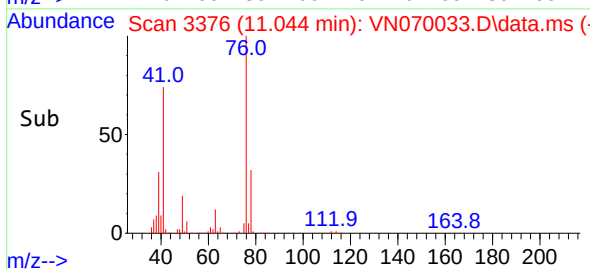
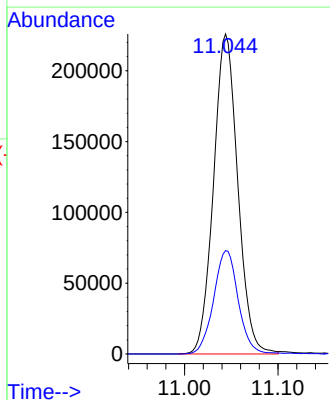
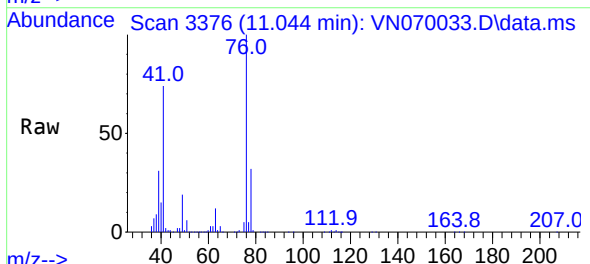
Manual Integrations
APPROVED

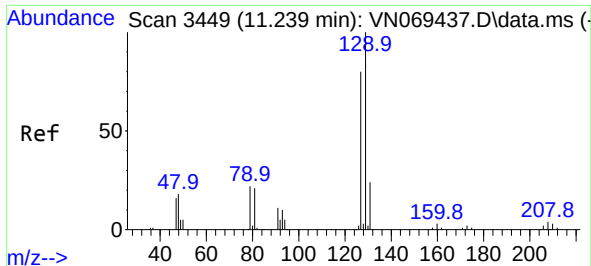
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#52
1,3-Dichloropropane
Concen: 20.243 ug/l
RT: 11.044 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

Tgt Ion: 76 Resp: 407335
Ion Ratio Lower Upper
76 100
78 32.8 0.0 65.4





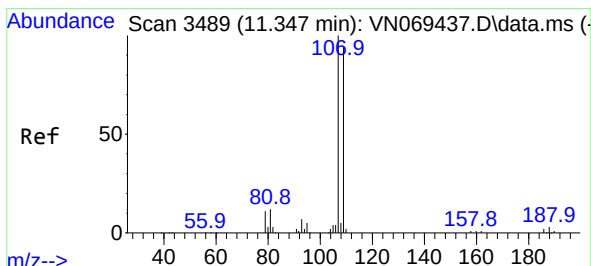
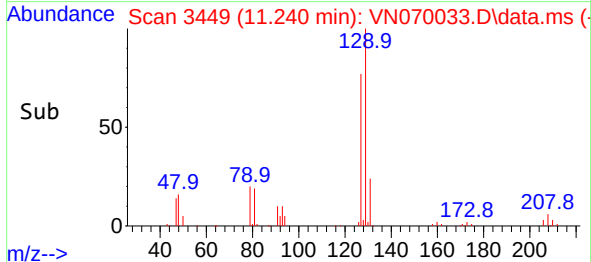
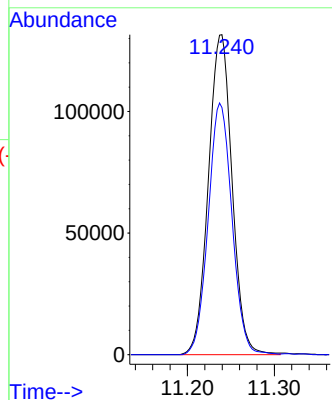
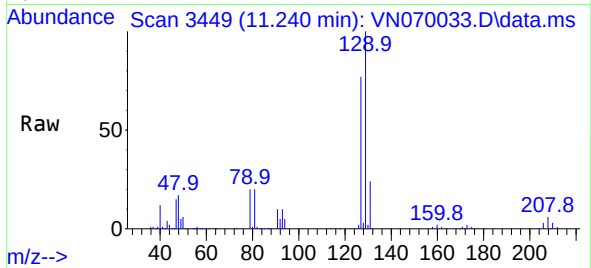
#53
Dibromochloromethane
Concen: 19.525 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01

Tgt Ion:129 Resp: 249254
Ion Ratio Lower Upper
129 100
127 78.9 39.0 117.0

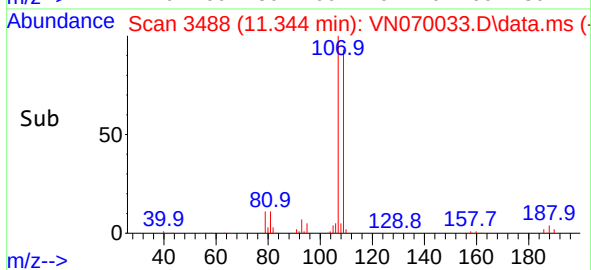
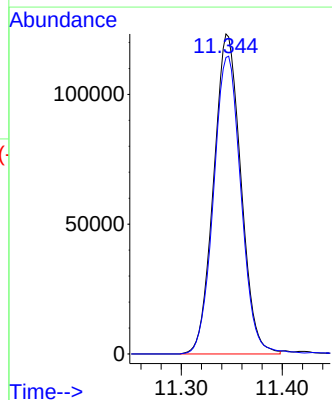
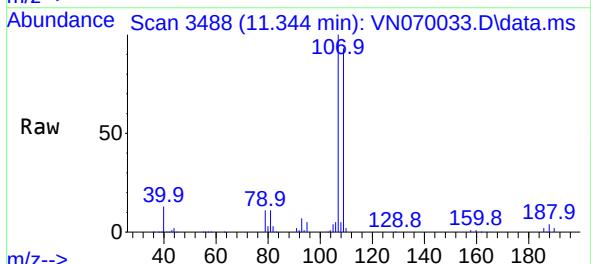
Manual Integrations
APPROVED

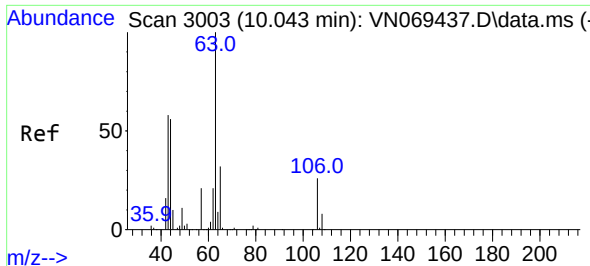
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#54
1,2-Dibromoethane
Concen: 19.903 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

Tgt Ion:107 Resp: 230455
Ion Ratio Lower Upper
107 100
109 93.9 72.8 109.2





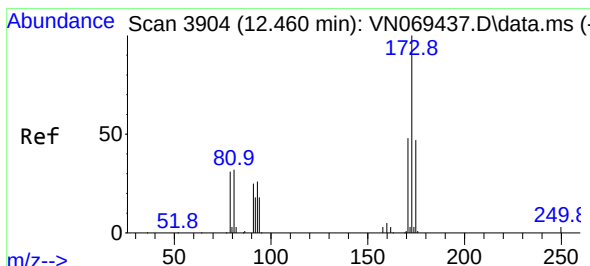
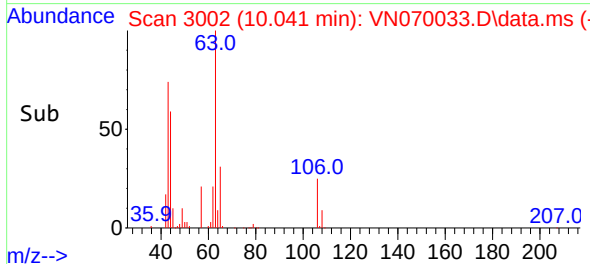
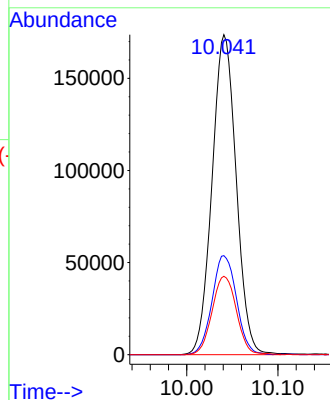
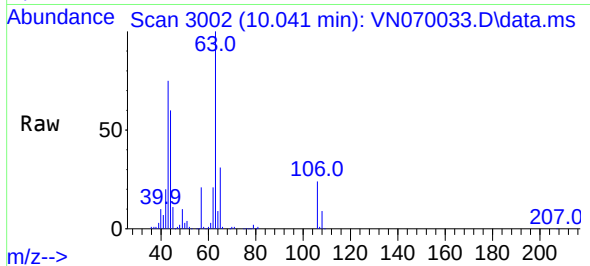
#55
2-Chloroethyl vinyl ether
Concen: 89.727 ug/l
RT: 10.041 min Scan# 3003
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01

Tgt Ion: 63 Resp: 31949
Ion Ratio Lower Upper
63 100
65 31.5 25.4 38.0
106 24.8 23.2 34.8

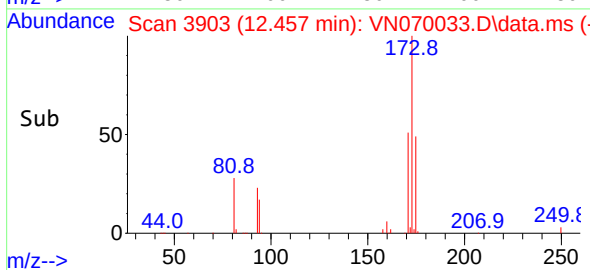
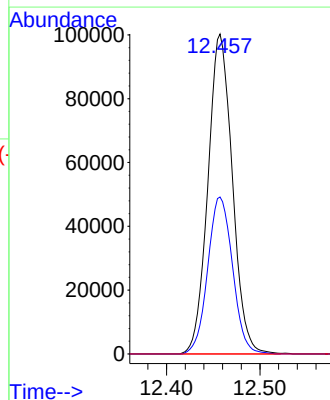
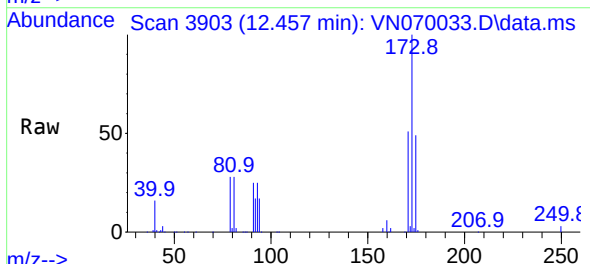
Manual Integrations
APPROVED

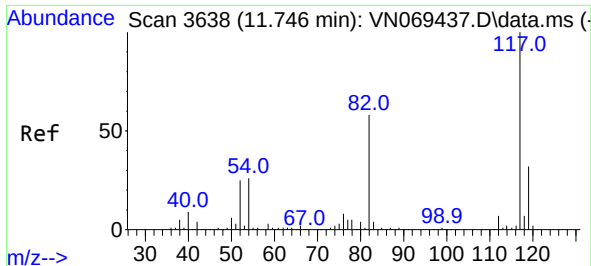
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#56
Bromoform
Concen: 18.753 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

Tgt Ion:173 Resp: 182275
Ion Ratio Lower Upper
173 100
175 49.8 38.6 58.0
254 0.0 0.0 0.0





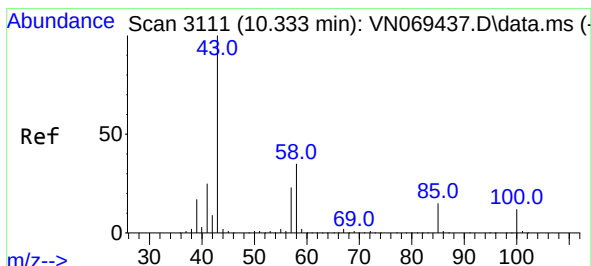
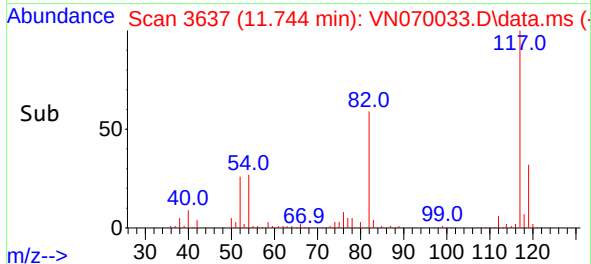
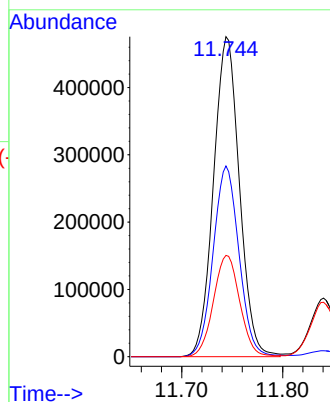
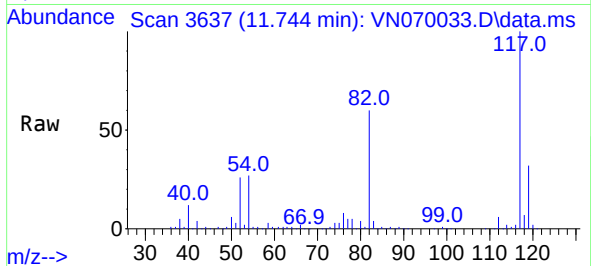
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01

Tgt Ion:117 Resp: 846682
Ion Ratio Lower Upper
117 100
82 59.6 43.6 65.4
119 32.2 25.8 38.6

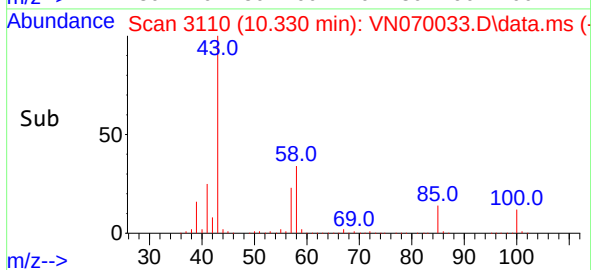
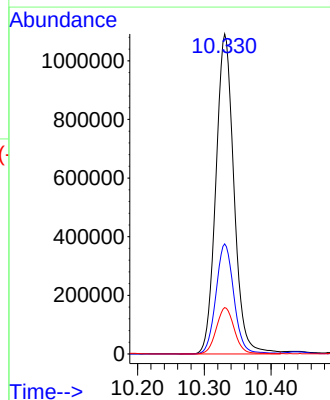
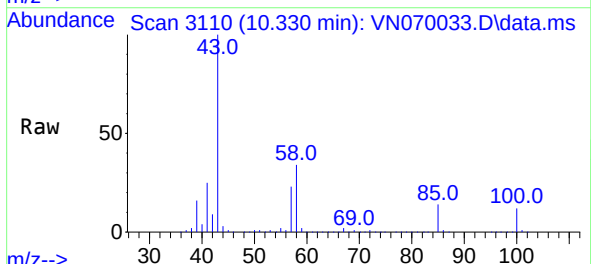
Manual Integrations
APPROVED

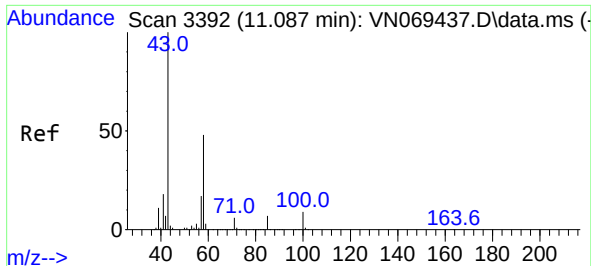
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#58
4-Methyl-2-Pentanone
Concen: 105.626 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

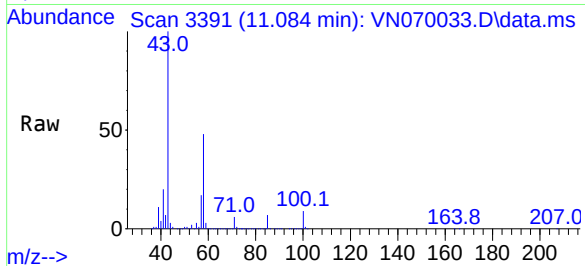
Tgt Ion: 43 Resp: 2052652
Ion Ratio Lower Upper
43 100
58 34.4 30.0 45.0
85 14.5 15.0 22.6#





#59
2-Hexanone
Concen: 100.485 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

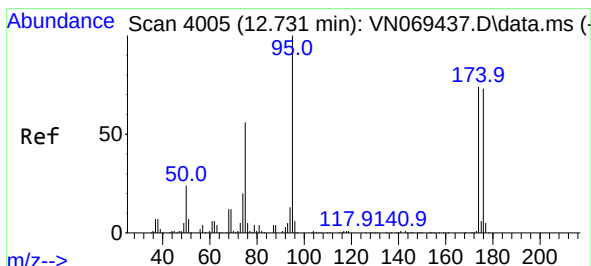
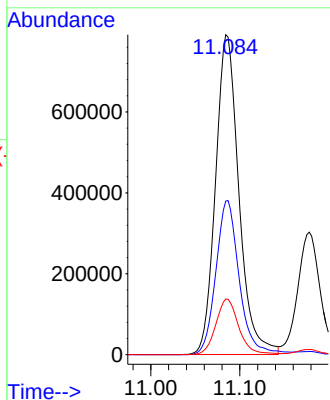
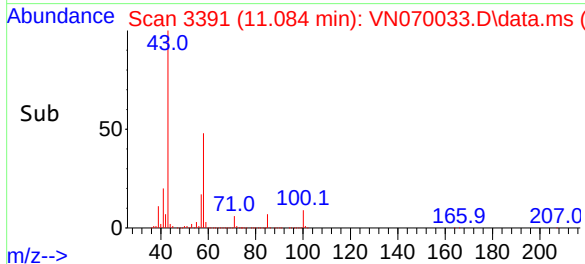
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



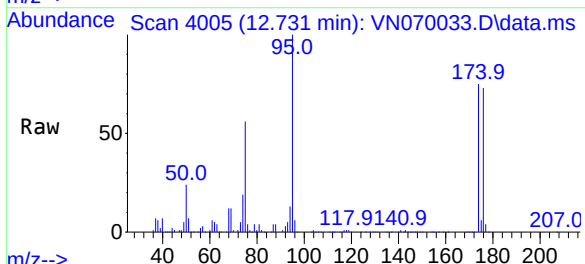
Tgt Ion: 43 Resp: 144364
Ion Ratio Lower Upper
43 100
58 48.3 42.2 63.2
57 17.2 15.0 22.4

Manual Integrations
APPROVED

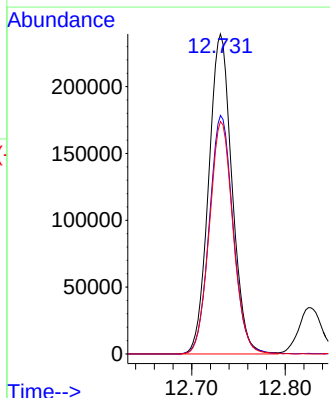
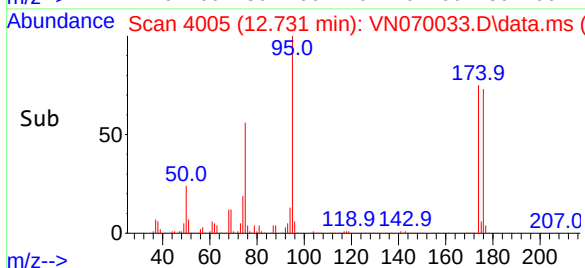
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

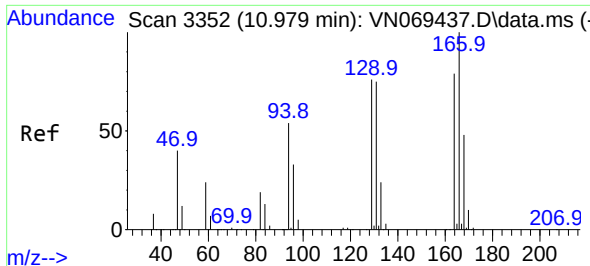


#60
4-Bromofluorobenzene
Concen: 29.853 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33



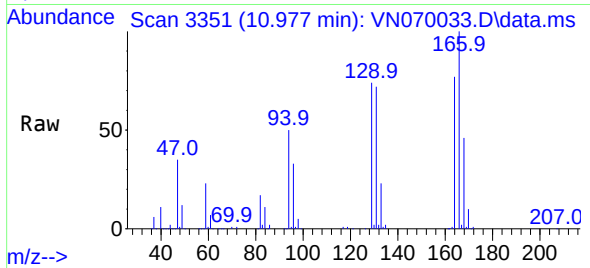
Tgt Ion: 95 Resp: 415908
Ion Ratio Lower Upper
95 100
174 75.9 62.9 94.3
176 73.7 61.0 91.4





#61
Tetrachloroethene
Concen: 20.410 ug/l
RT: 10.977 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

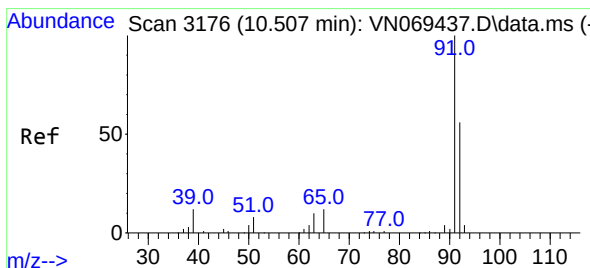
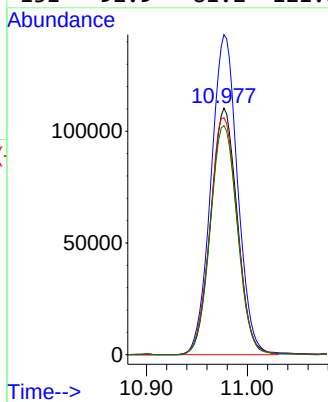
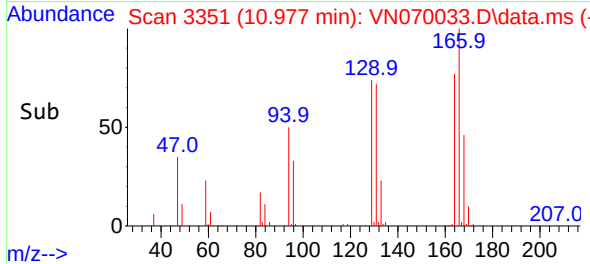
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



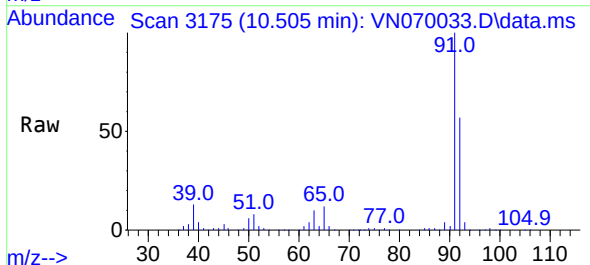
Tgt Ion:164 Resp: 201835
Ion Ratio Lower Upper
164 100
166 129.8 105.8 158.8
129 96.1 82.5 123.7
131 92.9 81.2 121.8

Manual Integrations
APPROVED

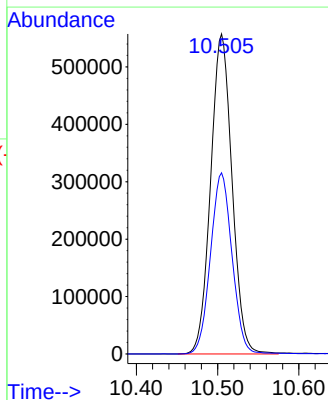
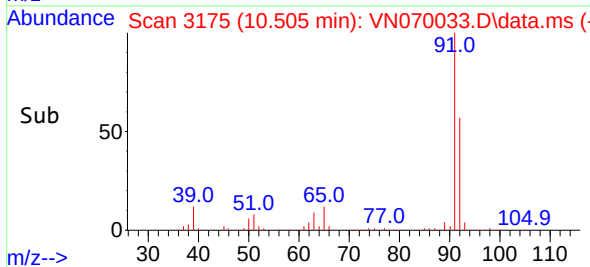
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

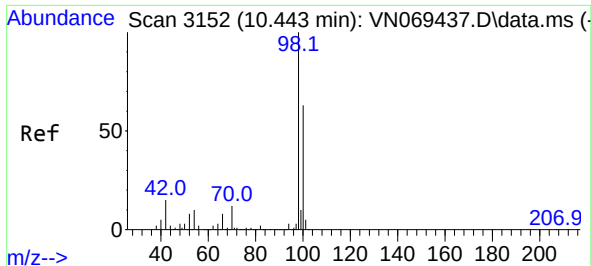


#62
Toluene
Concen: 20.484 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33



Tgt Ion: 91 Resp: 1019991
Ion Ratio Lower Upper
91 100
92 57.0 44.6 67.0





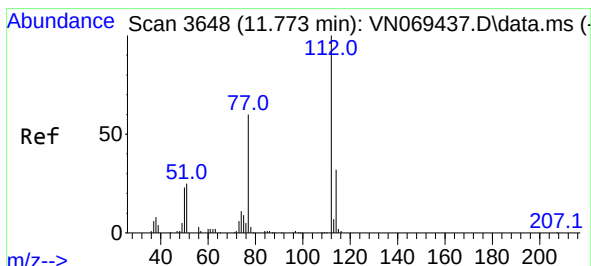
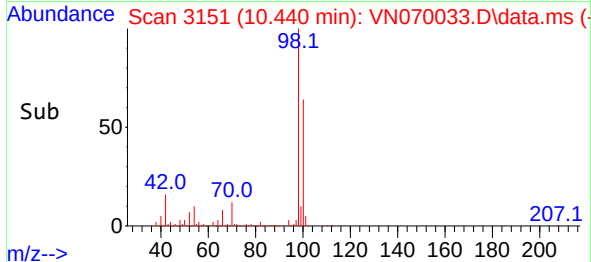
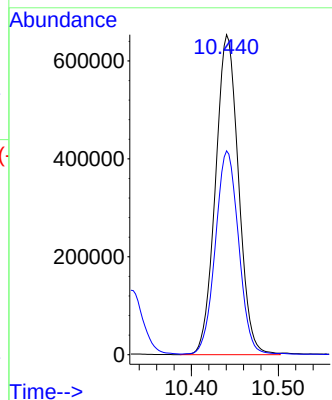
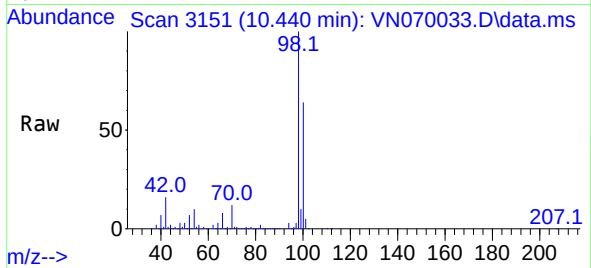
#63
Toluene-d8
Concen: 30.786 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01

Tgt Ion: 98 Resp: 1204560
Ion Ratio Lower Upper
98 100
100 63.7 50.6 76.0

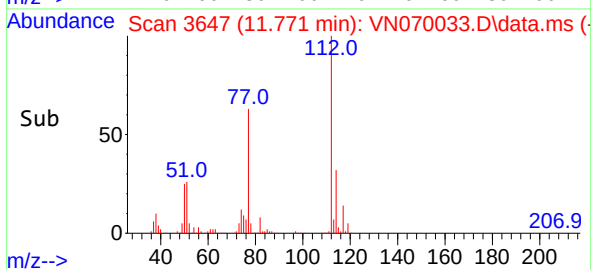
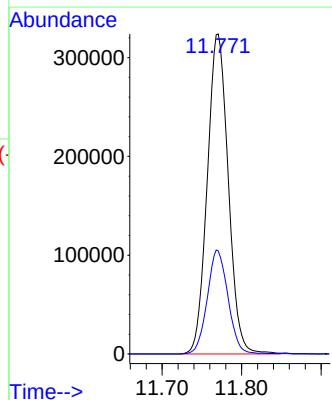
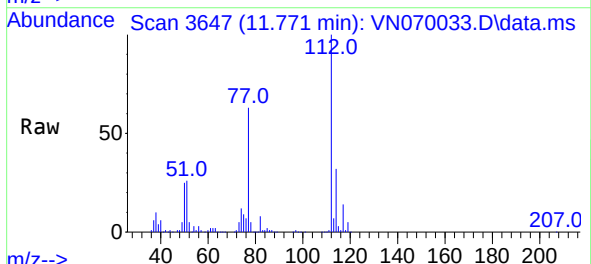
Manual Integrations
APPROVED

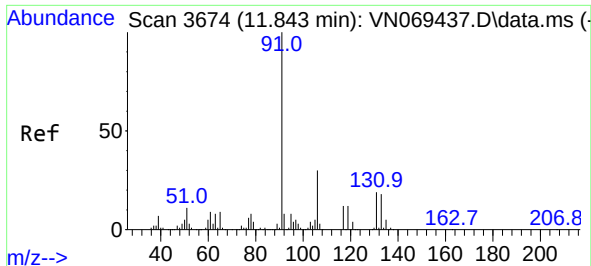
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#64
Chlorobenzene
Concen: 20.086 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

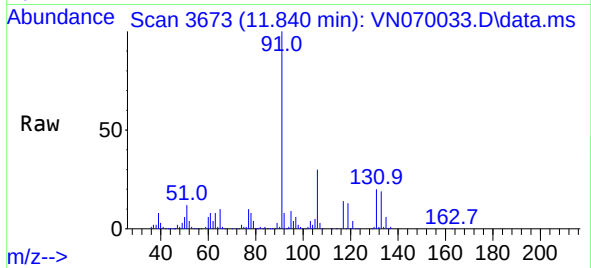
Tgt Ion:112 Resp: 593568
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 20.069 ug/l
RT: 11.840 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

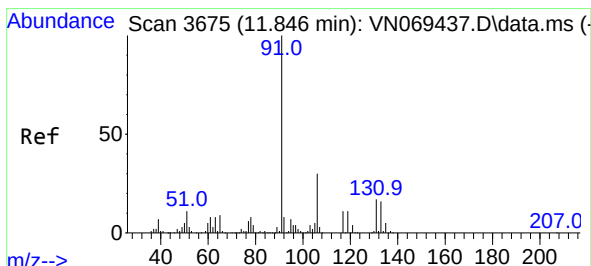
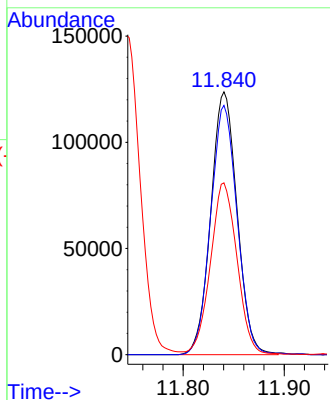
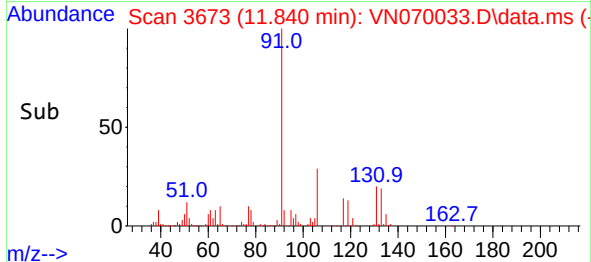
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



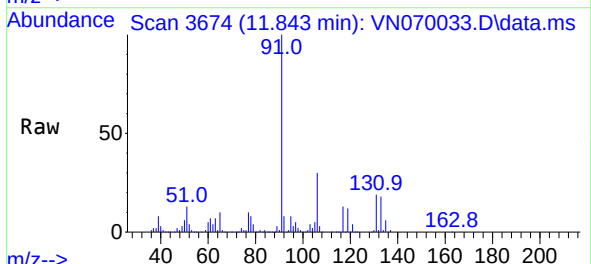
Tgt Ion:131 Resp: 22338
Ion Ratio Lower Upper
131 100
133 95.6 0.0 191.2
119 65.9 0.0 128.8

Manual Integrations
APPROVED

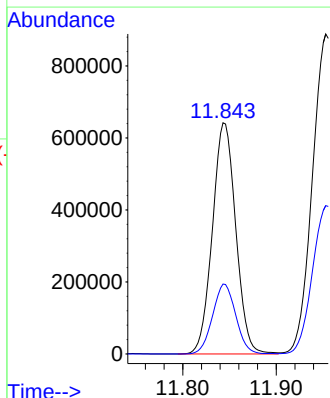
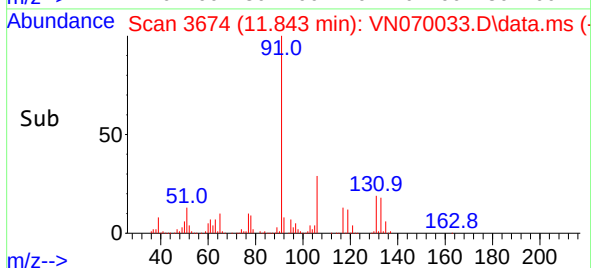
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

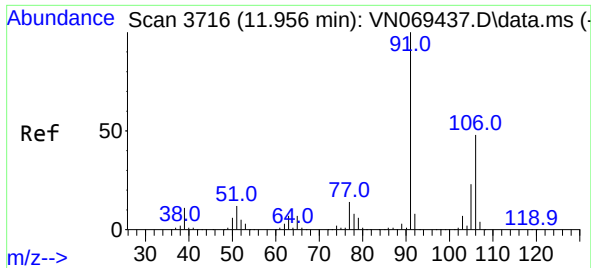


#66
Ethyl Benzene
Concen: 20.182 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33



Tgt Ion: 91 Resp: 1117216
Ion Ratio Lower Upper
91 100
106 30.2 24.0 36.0





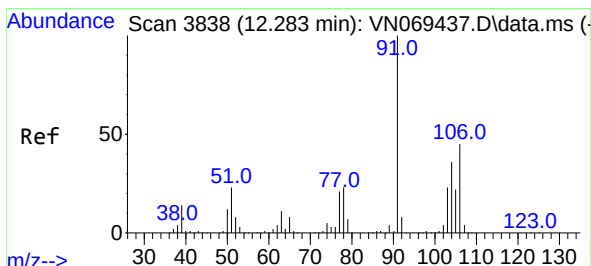
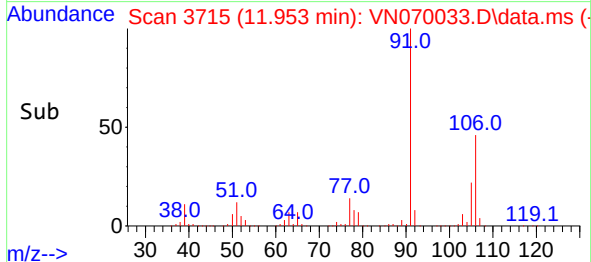
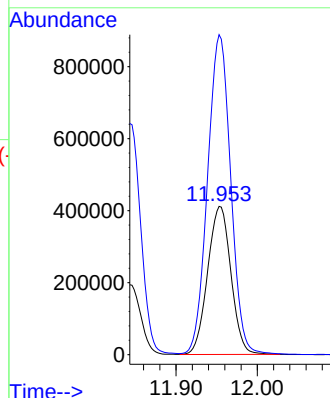
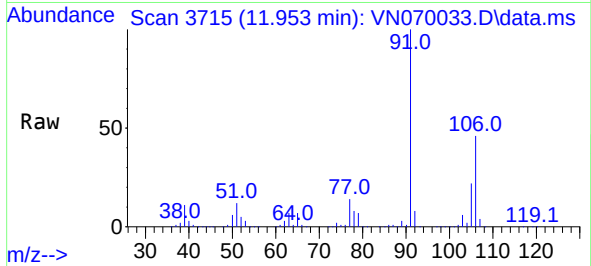
#67
m/p-Xylenes
Concen: 40.541 ug/l
RT: 11.953 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01

Tgt Ion:106 Resp: 81993
Ion Ratio Lower Upper
106 100
91 214.9 162.9 244.3

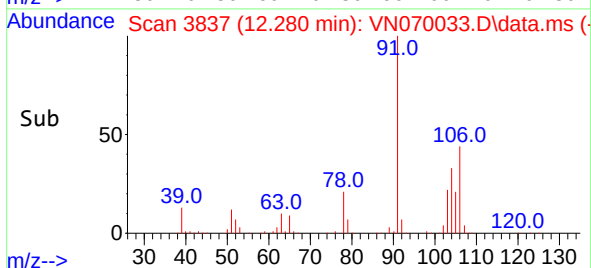
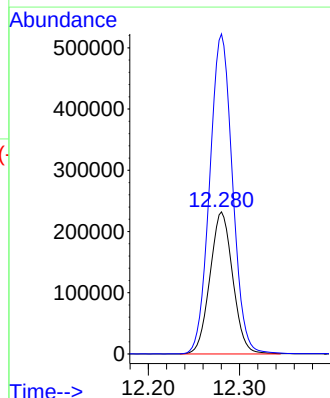
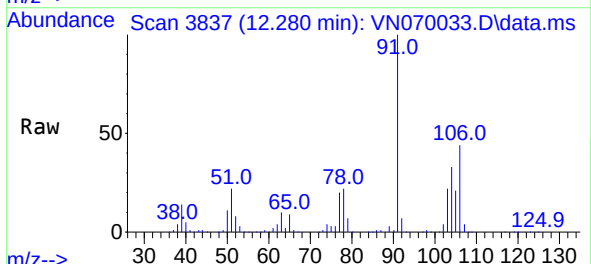
Manual Integrations
APPROVED

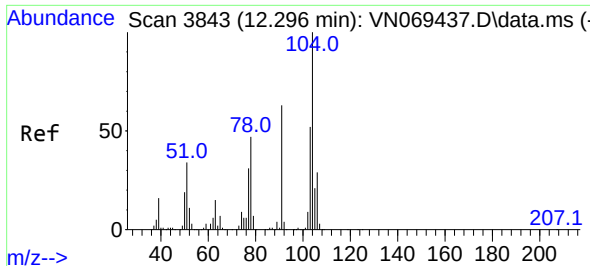
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#68
o-Xylene
Concen: 20.140 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

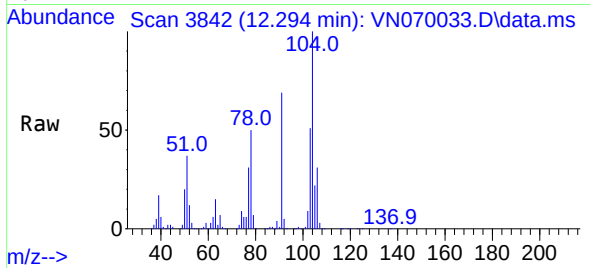
Tgt Ion:106 Resp: 403022
Ion Ratio Lower Upper
106 100
91 225.5 107.7 323.1





#69
Styrene
Concen: 19.918 ug/l
RT: 12.294 min Scan# 3843
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

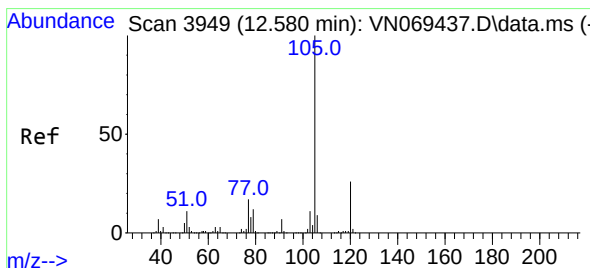
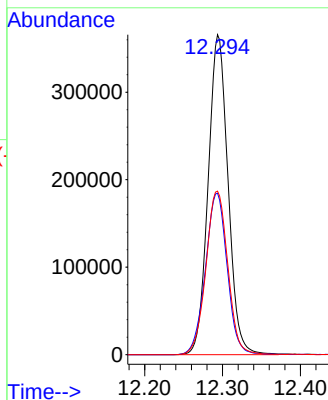
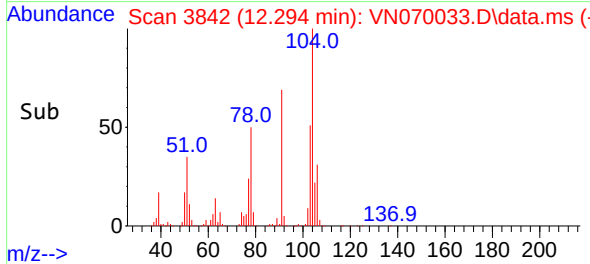
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



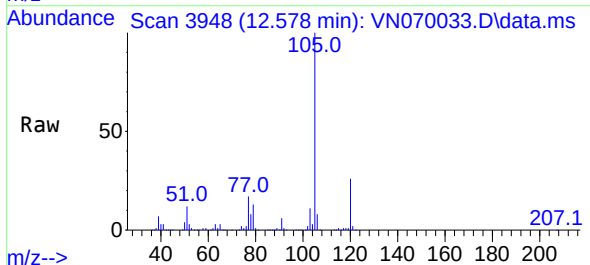
Tgt Ion:104 Resp: 649649
Ion Ratio Lower Upper
104 100
78 55.2 40.7 61.1
103 56.2 45.8 68.8

Manual Integrations
APPROVED

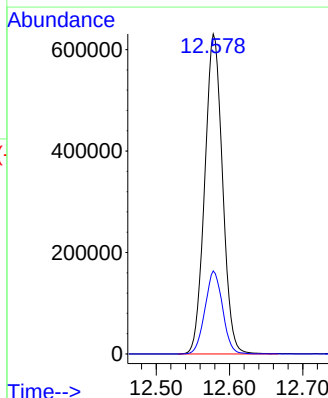
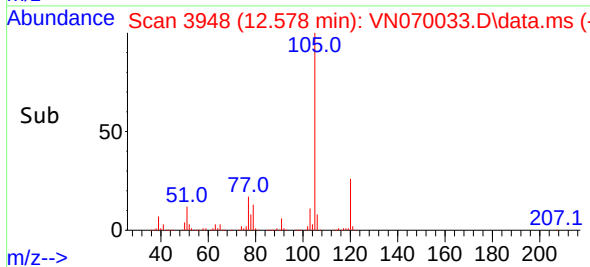
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

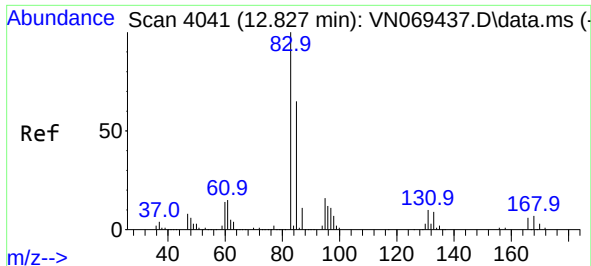


#70
Isopropylbenzene
Concen: 20.235 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33



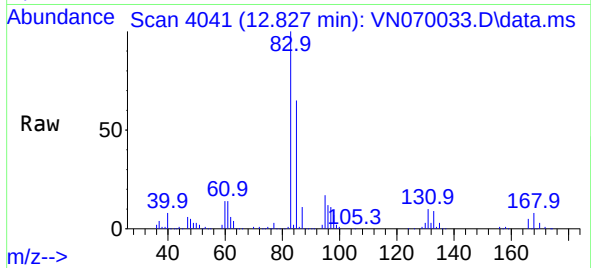
Tgt Ion:105 Resp: 1062398
Ion Ratio Lower Upper
105 100
120 25.7 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.784 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

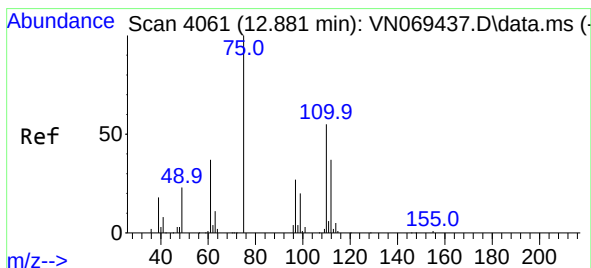
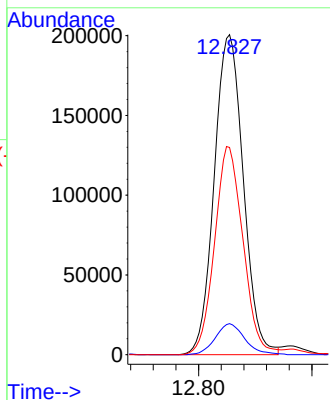
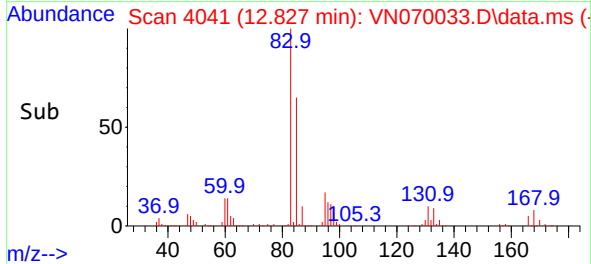
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



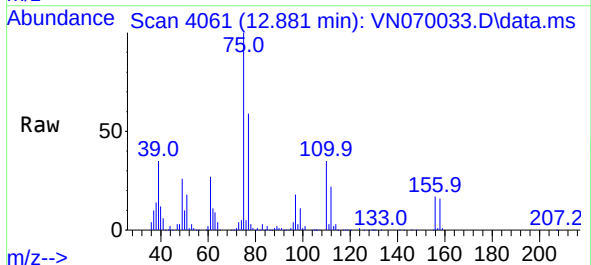
Tgt Ion: 83 Resp: 357890
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.3
85 63.6 33.1 99.2

Manual Integrations
APPROVED

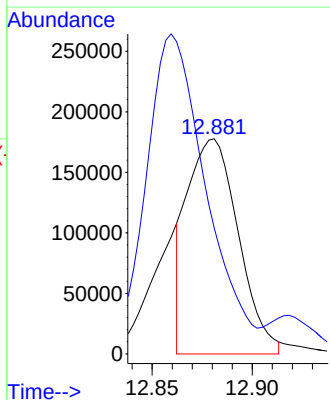
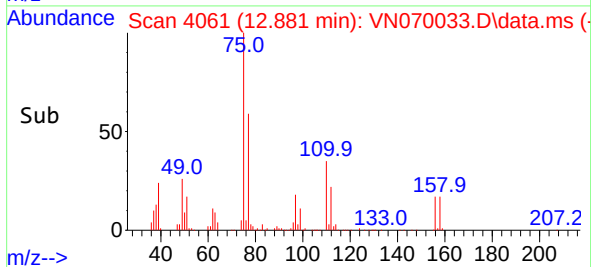
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

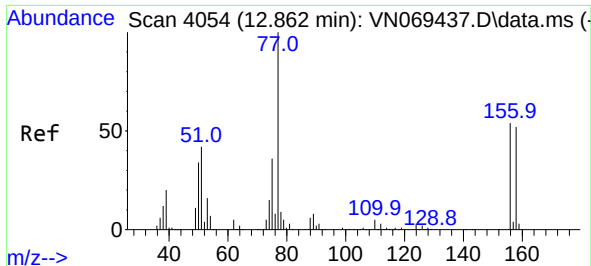


#72
1,2,3-Trichloropropane
Concen: 19.668 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33



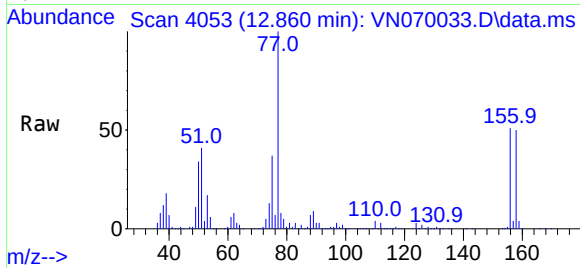
Tgt Ion: 75 Resp: 315155
Ion Ratio Lower Upper
75 100
77 174.8 0.0 378.0





#73
Bromobenzene
Concen: 19.935 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

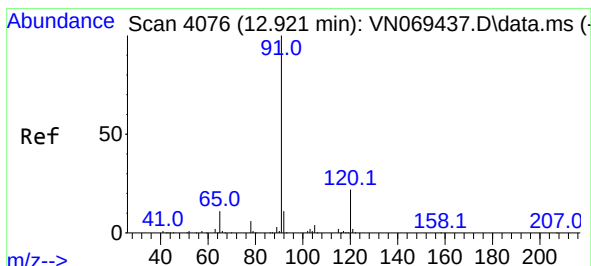
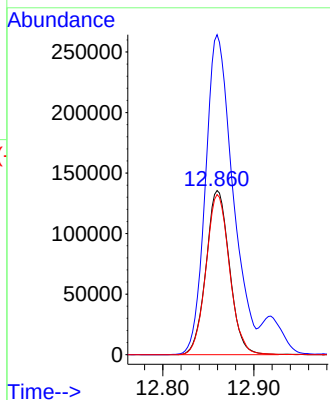
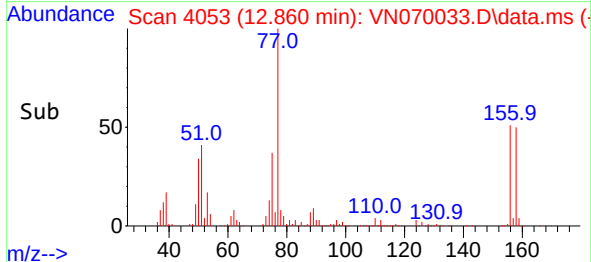
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



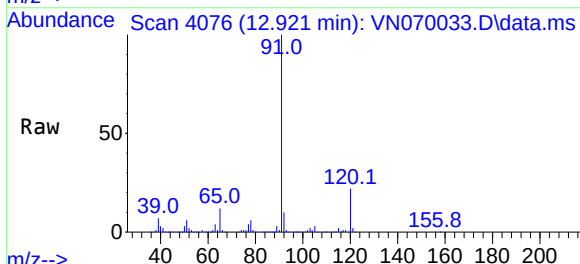
Tgt Ion:156 Resp: 242900
Ion Ratio Lower Upper
156 100
77 226.8 0.0 416.0
158 97.9 0.0 195.4

Manual Integrations
APPROVED

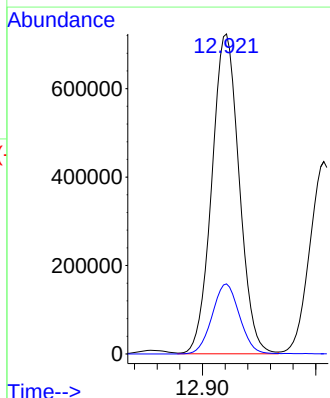
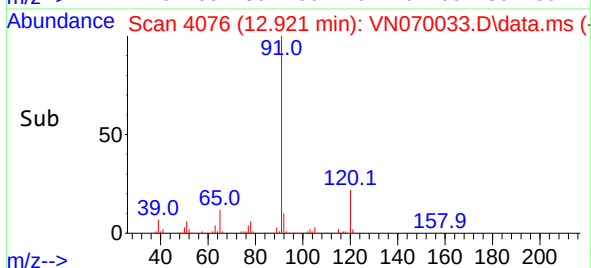
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

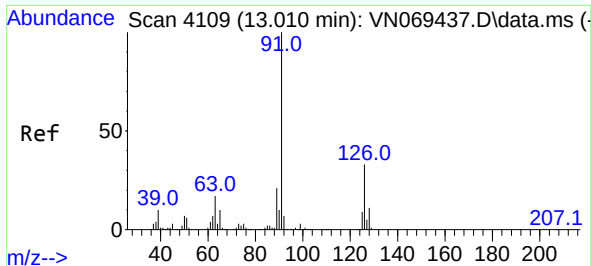


#74
n-propylbenzene
Concen: 19.946 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.003 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33



Tgt Ion: 91 Resp: 1213826
Ion Ratio Lower Upper
91 100
120 21.9 0.0 45.0





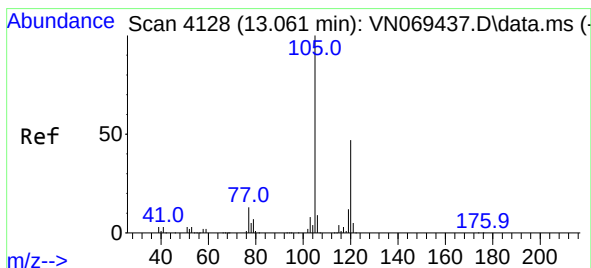
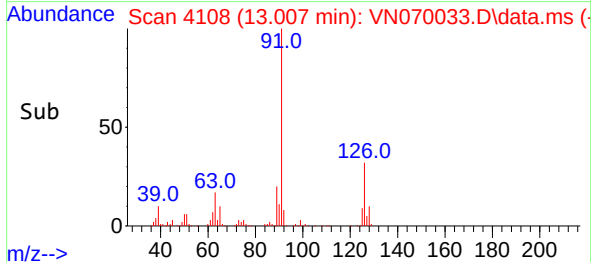
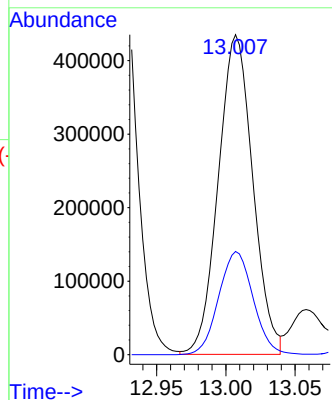
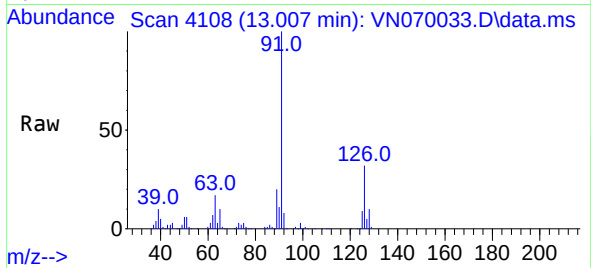
#75
2-Chlorotoluene
Concen: 20.235 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01

Tgt Ion: 91 Resp: 753528
Ion Ratio Lower Upper
91 100
126 32.3 0.0 69.8

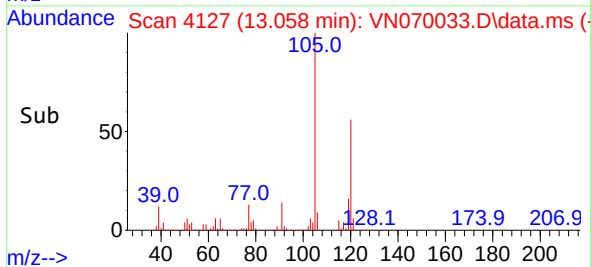
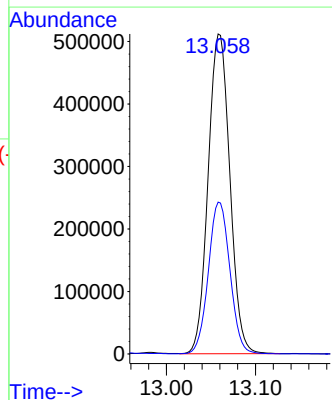
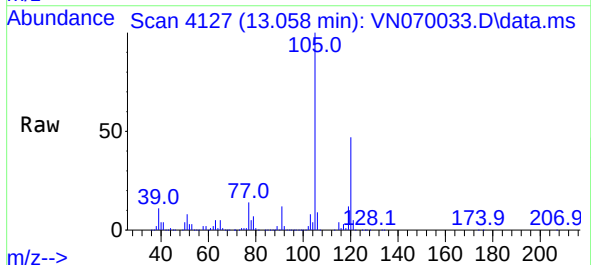
Manual Integrations
APPROVED

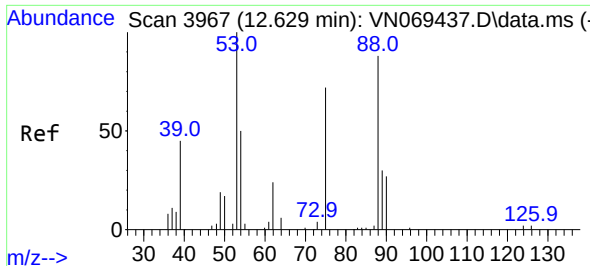
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#76
1,3,5-Trimethylbenzene
Concen: 20.106 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

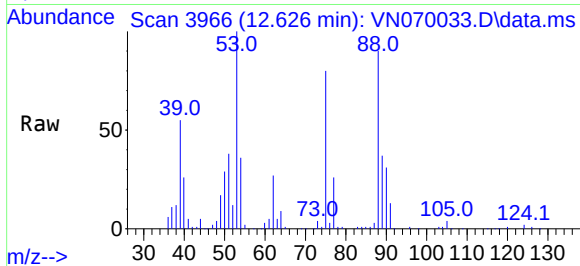
Tgt Ion:105 Resp: 867330
Ion Ratio Lower Upper
105 100
120 47.1 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 18.667 ug/l
RT: 12.626 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

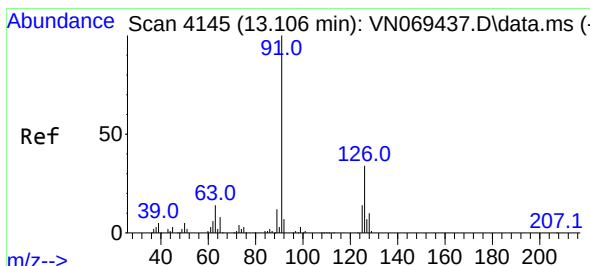
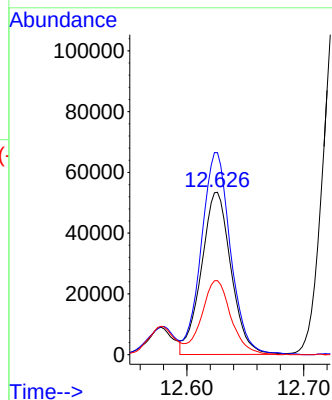
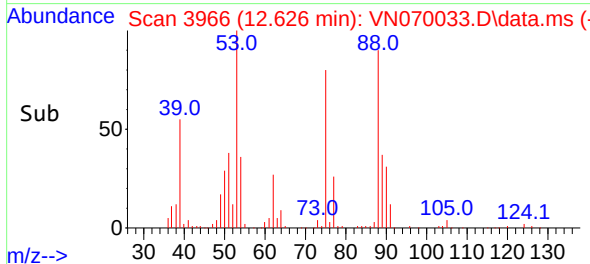
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



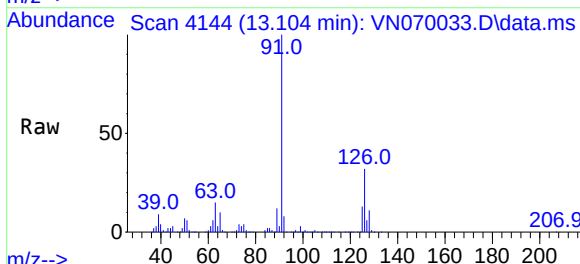
Tgt Ion: 75 Resp: 94062
Ion Ratio Lower Upper
75 100
53 124.2 51.8 155.5
89 45.9 22.9 68.7

Manual Integrations
APPROVED

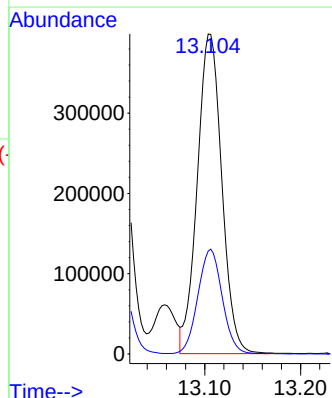
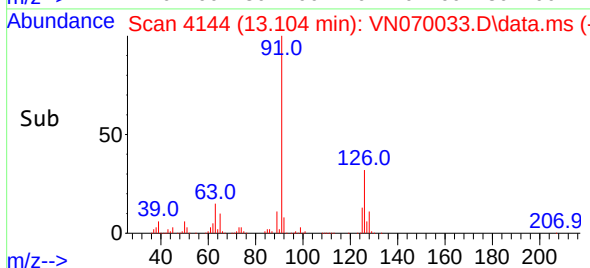
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

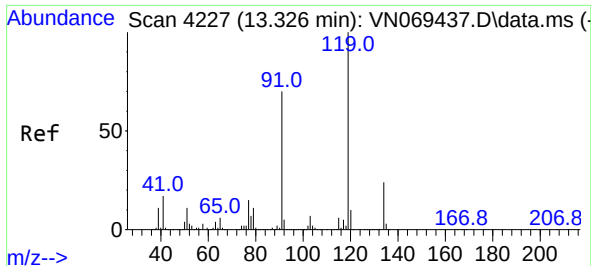


#78
4-Chlorotoluene
Concen: 19.846 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33



Tgt Ion: 91 Resp: 708718
Ion Ratio Lower Upper
91 100
126 32.6 0.0 70.6





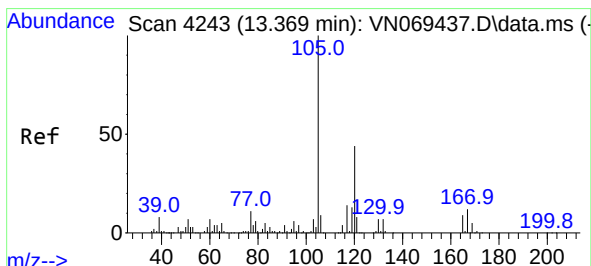
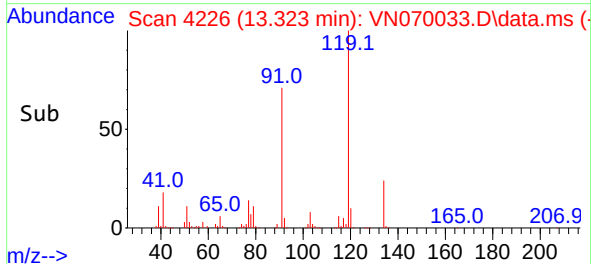
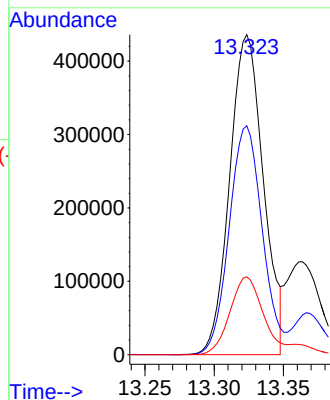
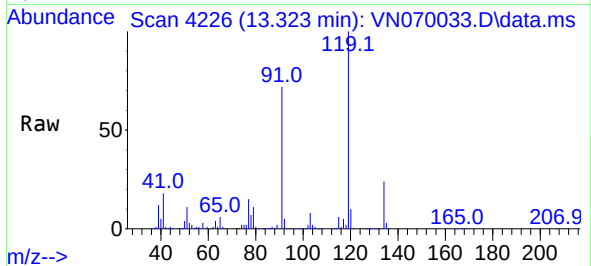
#79
tert-butylbenzene
Concen: 19.732 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01

Tgt Ion:119 Resp: 73869
Ion Ratio Lower Upper
119 100
91 70.1 0.0 137.0
134 24.1 0.0 47.6

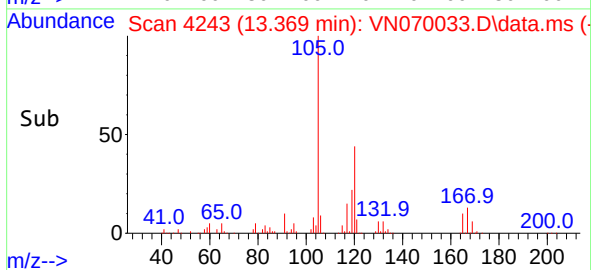
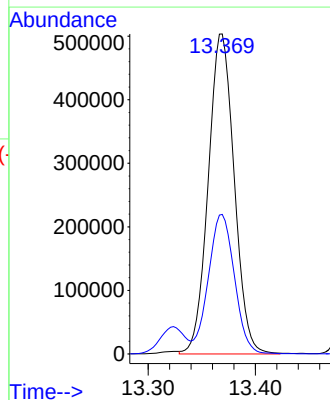
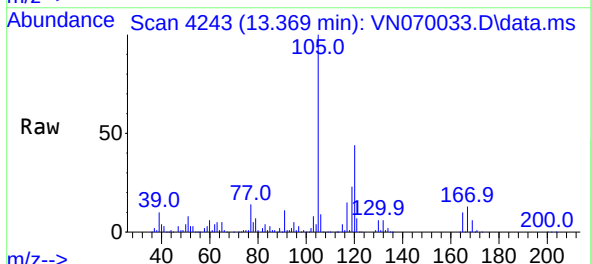
Manual Integrations
APPROVED

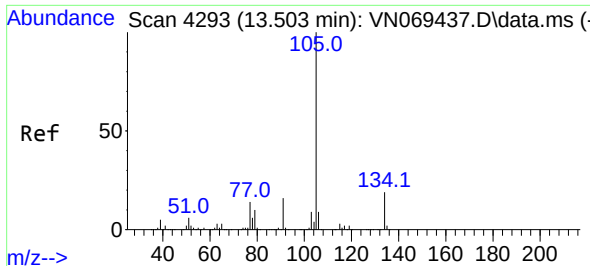
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#80
1,2,4-Trimethylbenzene
Concen: 20.316 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

Tgt Ion:105 Resp: 847448
Ion Ratio Lower Upper
105 100
120 0.0 0.0 0.2





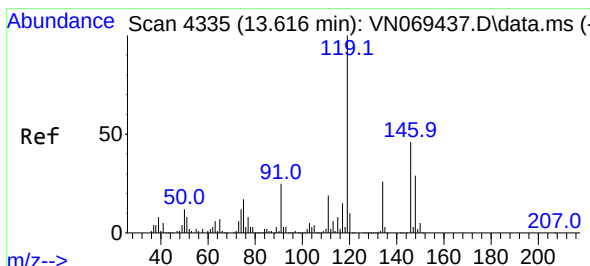
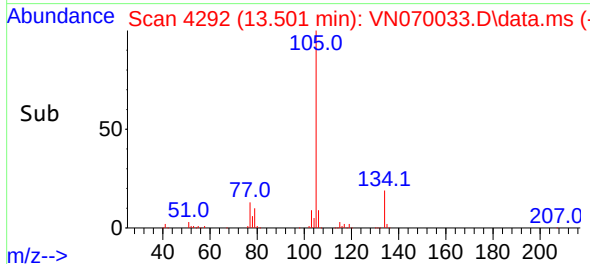
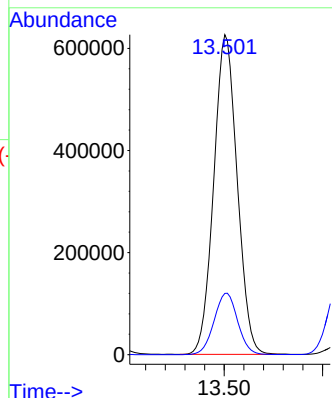
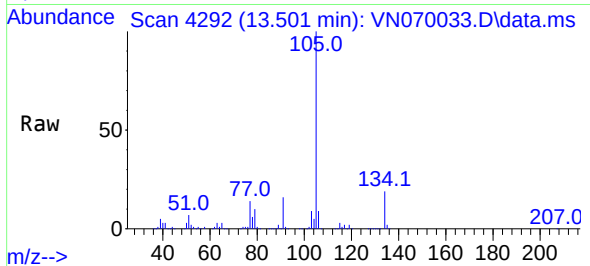
#81
 sec-Butylbenzene
 Concen: 19.828 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.000 min
 Lab File: VN070033.D
 Acq: 13 Dec 2021 15:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBS01

Tgt Ion:105 Resp: 103579
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 39.4

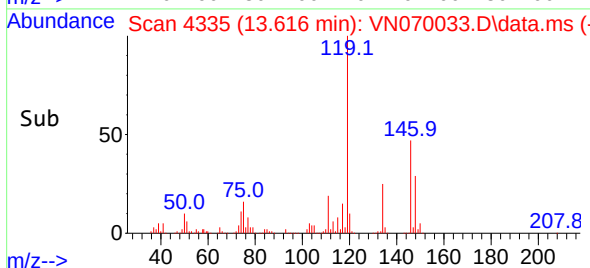
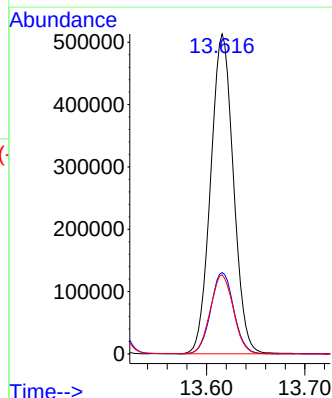
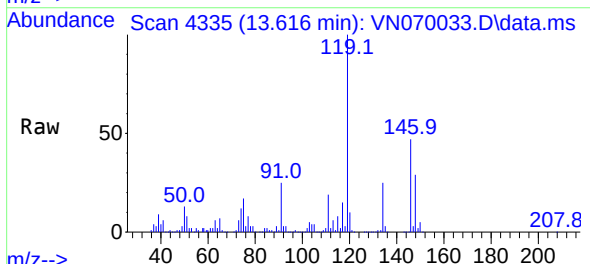
Manual Integrations
 APPROVED

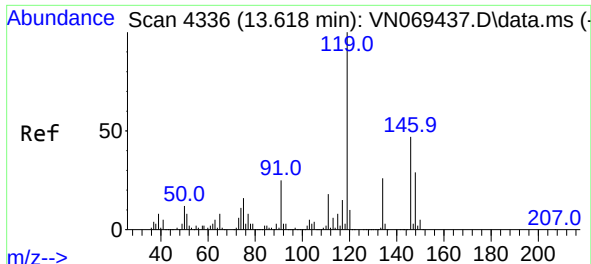
Reviewed By :John Carlone 12/14/2021
 Supervised By :Amit Patel 12/15/2021



#82
 p-Isopropyltoluene
 Concen: 19.848 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN070033.D
 Acq: 13 Dec 2021 15:33

Tgt Ion:119 Resp: 826074
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.8
 91 25.1 0.0 50.4





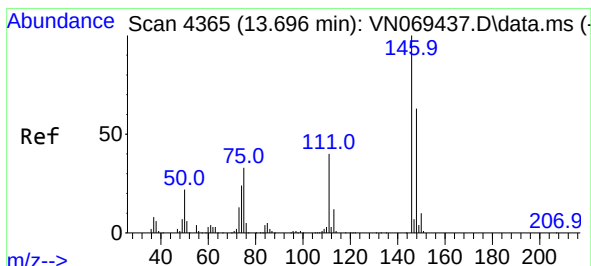
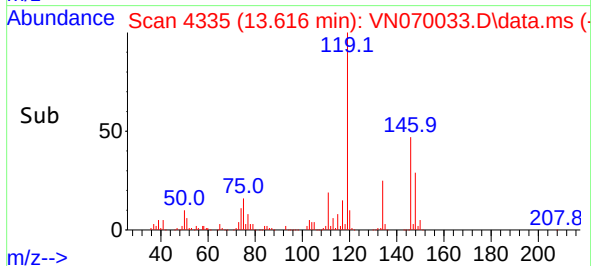
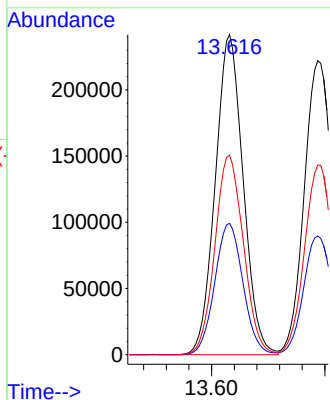
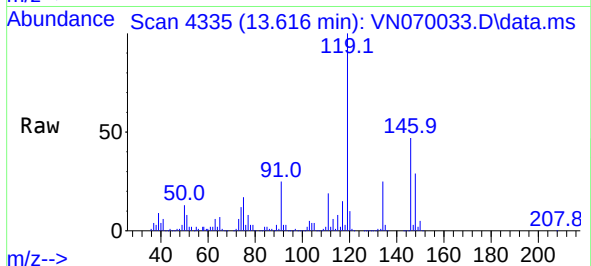
#83
1,3-Dichlorobenzene
Concen: 20.054 ug/l
RT: 13.616 min Scan# 41327
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01

Tgt Ion:146 Resp: 41327
Ion Ratio Lower Upper
146 100
111 41.5 20.8 62.2
148 63.8 31.4 94.3

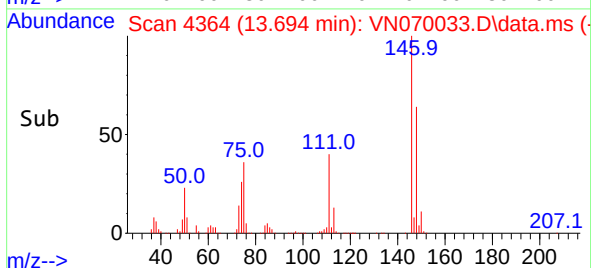
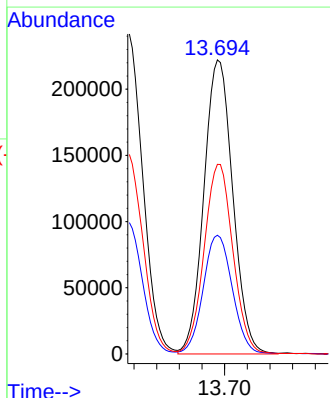
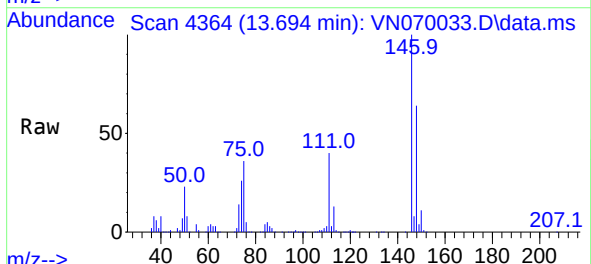
Manual Integrations
APPROVED

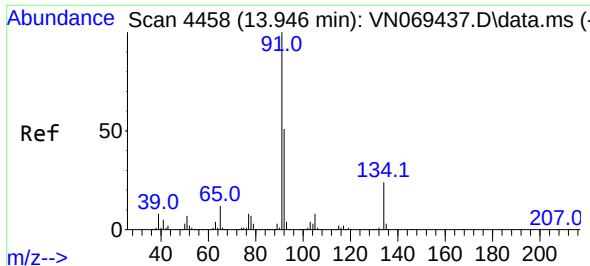
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#84
1,4-Dichlorobenzene
Concen: 19.868 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

Tgt Ion:146 Resp: 393829
Ion Ratio Lower Upper
146 100
111 40.4 19.5 58.5
148 64.1 31.1 93.5





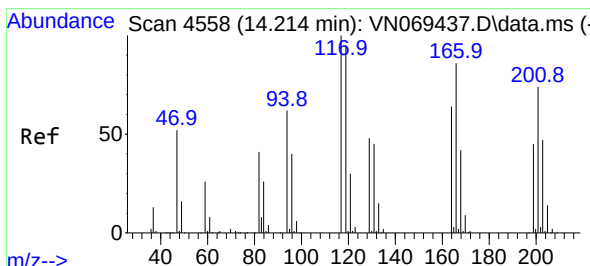
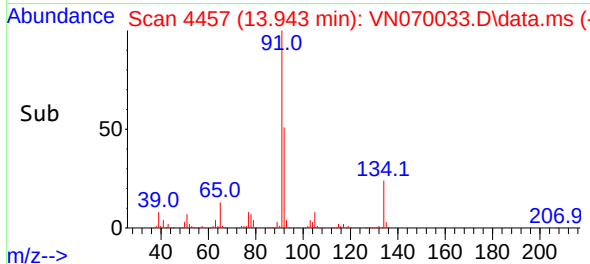
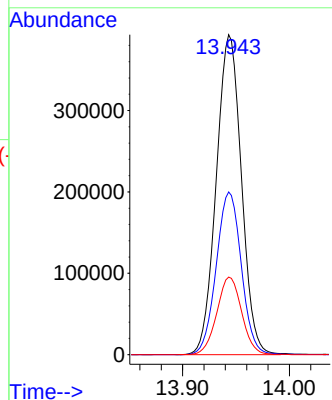
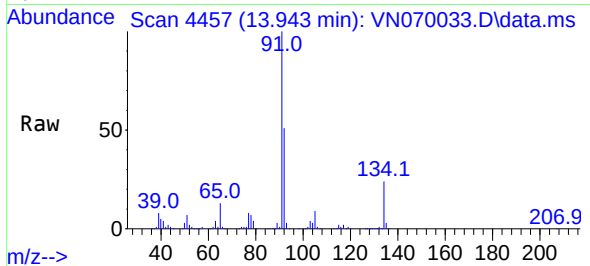
#85
n-Butylbenzene
Concen: 18.504 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01

Tgt Ion: 91 Resp: 643410
Ion Ratio Lower Upper
91 100
92 50.7 0.0 100.6
134 23.8 0.0 50.2

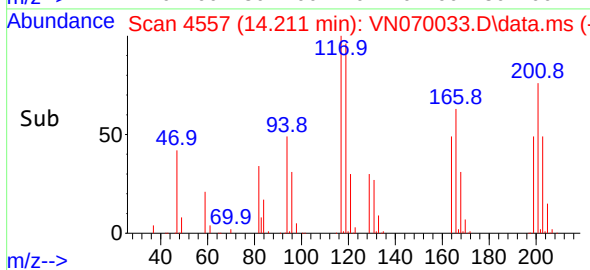
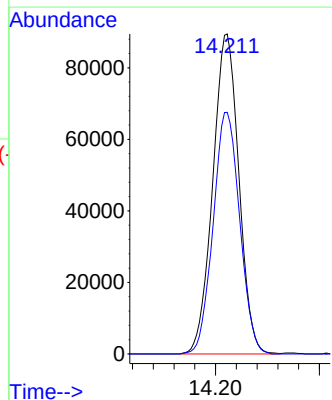
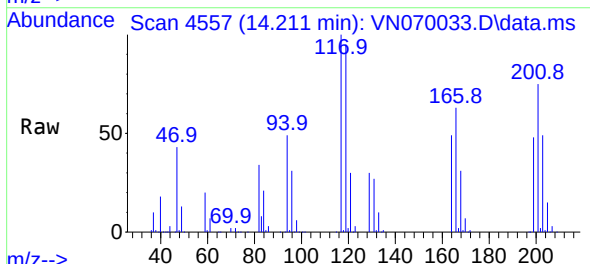
Manual Integrations
APPROVED

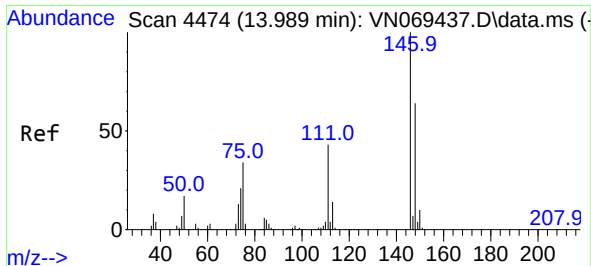
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#86
Hexachloroethane
Concen: 18.803 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.003 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

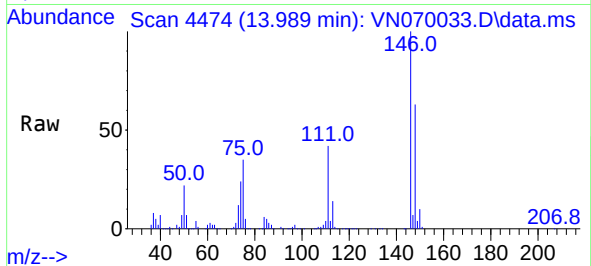
Tgt Ion:117 Resp: 156125
Ion Ratio Lower Upper
117 100
201 76.8 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 20.533 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

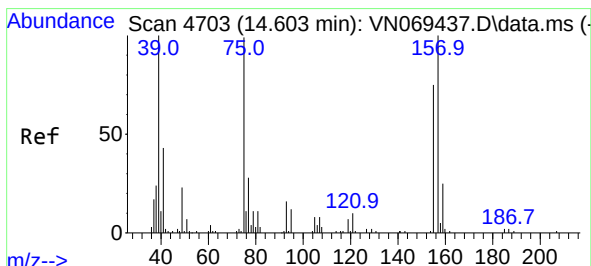
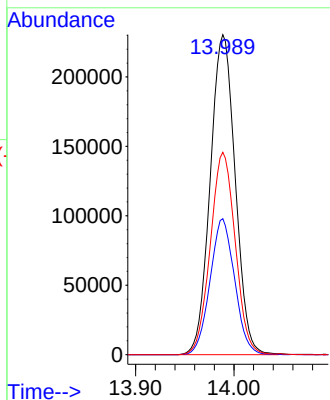
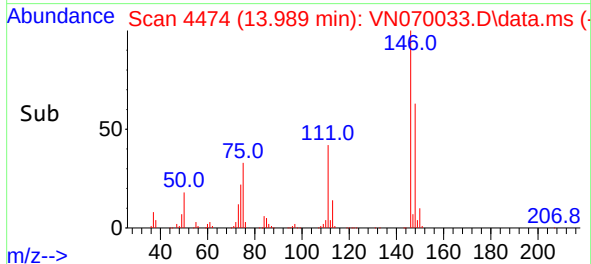
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



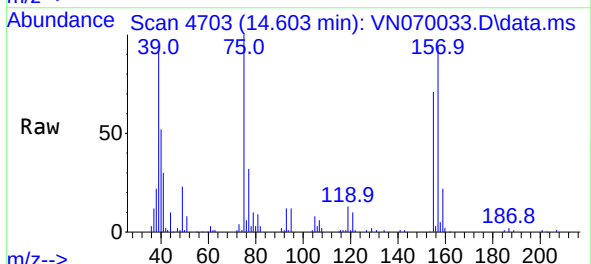
Tgt Ion:146 Resp: 406504
Ion Ratio Lower Upper
146 100
111 41.9 21.4 64.2
148 63.2 32.5 97.4

Manual Integrations
APPROVED

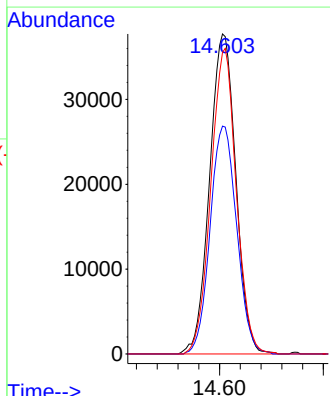
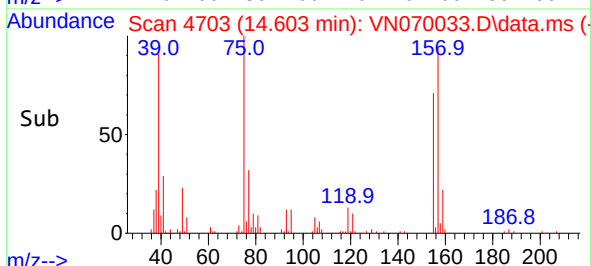
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

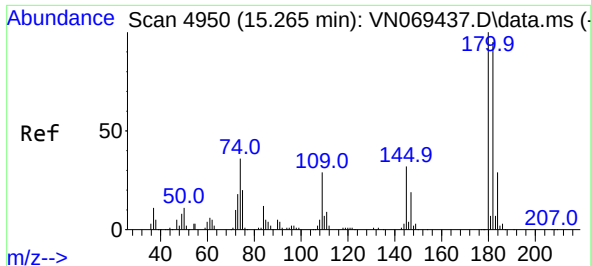


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.082 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33



Tgt Ion: 75 Resp: 66149
Ion Ratio Lower Upper
75 100
155 72.2 63.8 95.8
157 92.6 77.9 116.9





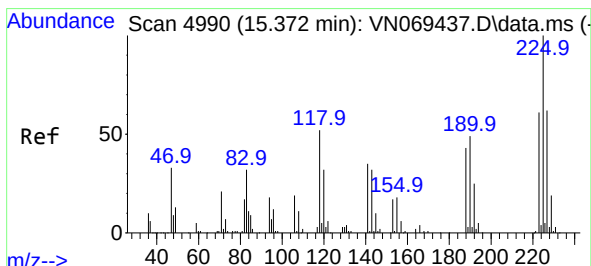
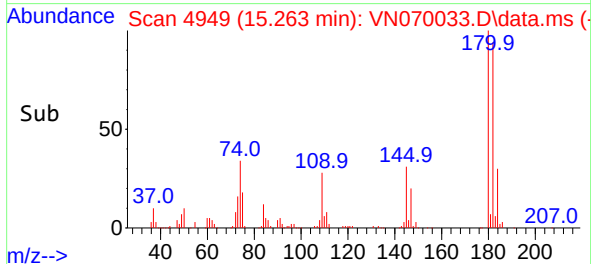
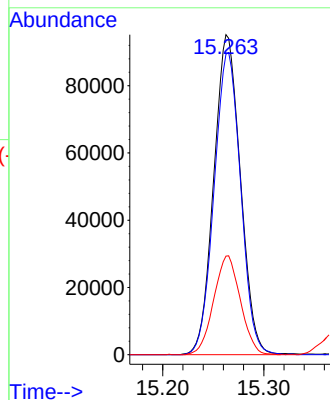
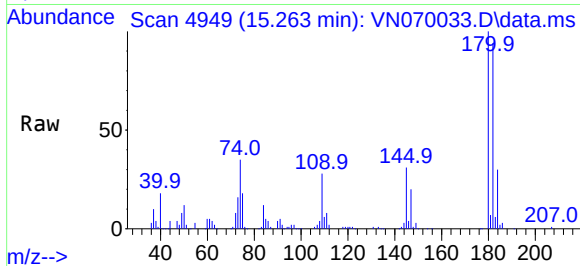
#89
1,2,4-Trichlorobenzene
Concen: 18.876 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01

Tgt Ion:180 Resp: 17384
Ion Ratio Lower Upper
180 100
182 94.0 77.7 116.5
145 31.0 26.6 39.8

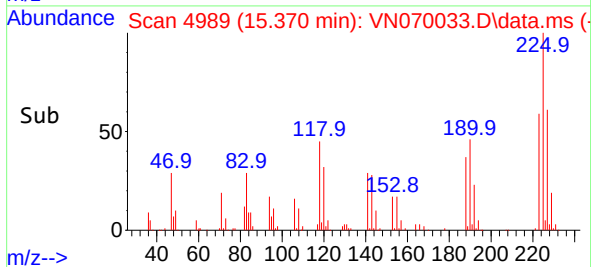
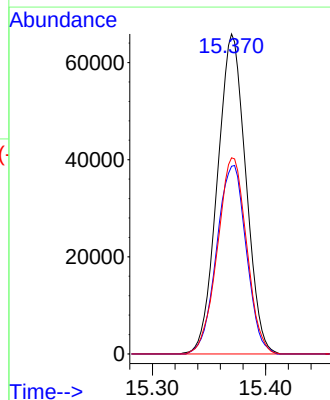
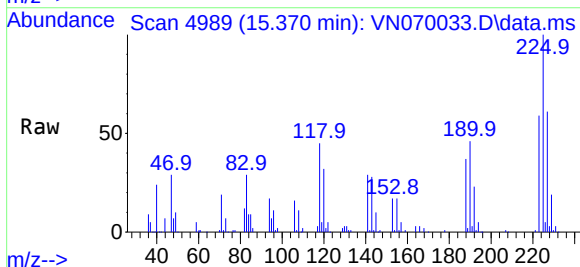
Manual Integrations
APPROVED

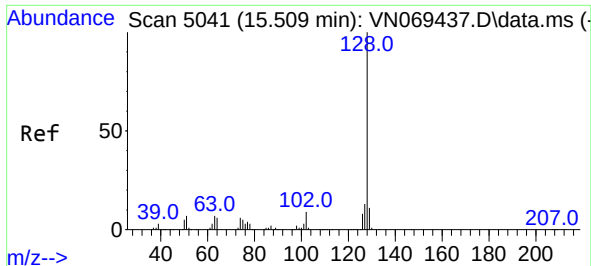
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#90
Hexachlorobutadiene
Concen: 20.956 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

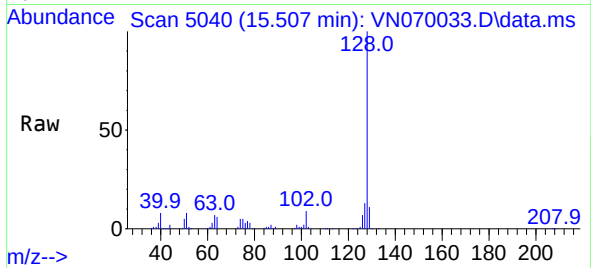
Tgt Ion:225 Resp: 114869
Ion Ratio Lower Upper
225 100
223 61.3 0.0 126.8
227 62.9 0.0 123.0





#91
Naphthalene
Concen: 20.236 ug/l
RT: 15.507 min Scan# 5041
Delta R.T. 0.003 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33

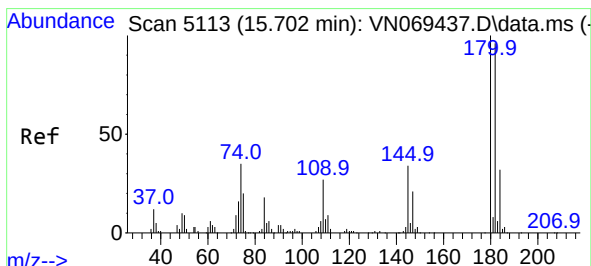
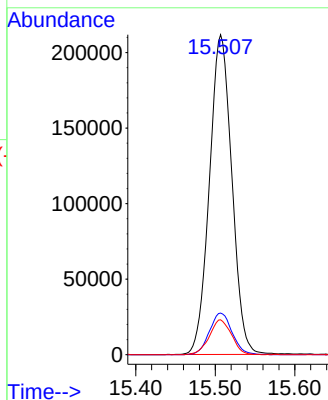
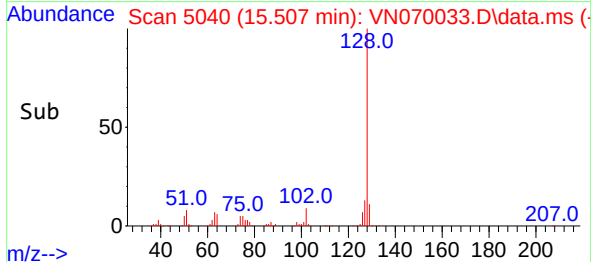
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBS01



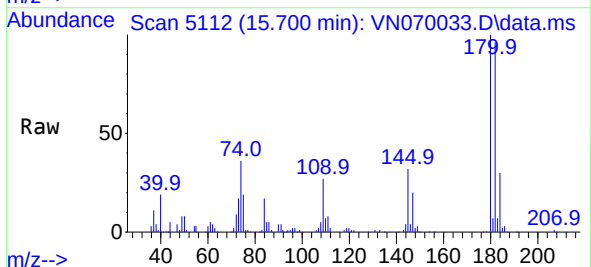
Tgt Ion:128 Resp: 415614
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.8 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#92
1,2,3-Trichlorobenzene
Concen: 19.048 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN070033.D
Acq: 13 Dec 2021 15:33



Tgt Ion:180 Resp: 165753
Ion Ratio Lower Upper
180 100
182 95.8 0.0 190.0
145 33.0 0.0 67.8

