

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072021\
 Data File : VN067814.D
 Acq On : 20 Jul 2021 13:42
 Operator : JC/MD
 Sample : M3065-01ME
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

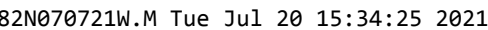
Quant Time: Jul 20 15:34:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

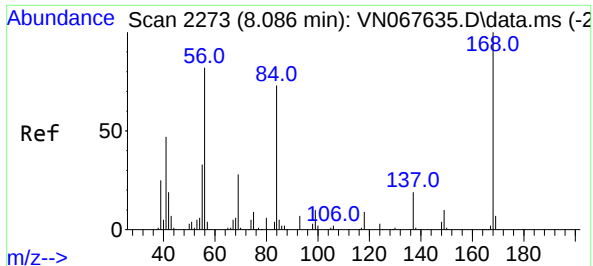
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.077	168	313133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	579905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	569583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	234545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.431	65	238193	50.332	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.660%			
35) Dibromofluoromethane	8.016	113	172530	49.243	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.480%			
50) Toluene-d8	10.440	98	760901	51.884	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.760%			
62) 4-Bromofluorobenzene	12.736	95	259278	50.048	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.100%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.845	94	121	Below Cal	#	45
6) Chloroethane	2.987	64	164	Below Cal	#	52
11) Tert butyl alcohol	5.320	59	233	0.343	ug/l #	71
13) Acrolein	4.041	56	97	Below Cal		83
16) Acetone	4.309	43	1366	0.917	ug/l	96
18) Methyl Acetate	4.856	43	4780	1.143	ug/l #	75
20) Methylene Chloride	5.041	84	2404	Below Cal	#	74
29) Tetrahydrofuran	7.705	42	2041	1.255	ug/l #	80
31) Cyclohexane	8.083	56	8536	1.286	ug/l #	36
36) 1,1-Dichloropropene	8.077	75	27243	5.057	ug/l #	50
38) Carbon Tetrachloride	8.077	117	34742	6.538	ug/l #	16
41) Methacrylonitrile	7.710	41	1392	0.519	ug/l #	37
43) Isopropyl Acetate	8.657	43	10683	1.164	ug/l #	58
51) 4-Methyl-2-Pentanone	10.336	43	1294	0.229	ug/l #	39
53) t-1,3-Dichloropropene	10.451	75	54	1.752	ug/l #	43
59) 2-Hexanone	11.095	43	2539	0.645	ug/l	90
71) Bromoform	12.725	173	648	3.342	ug/l #	1
74) N-amyl acetate	12.393	43	1497	0.218	ug/l #	73
76) 1,2,3-Trichloropropane	12.733	75	144169	30.099	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	144169	97.042	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.260	180	1011	2.919	ug/l	95
95) Naphthalene	15.512	128	6435	3.539	ug/l #	72
96) 1,2,3-Trichlorobenzene	15.708	180	1538	3.022	ug/l	79

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 07 16:18:53 2021
Response via : Initial Calibration

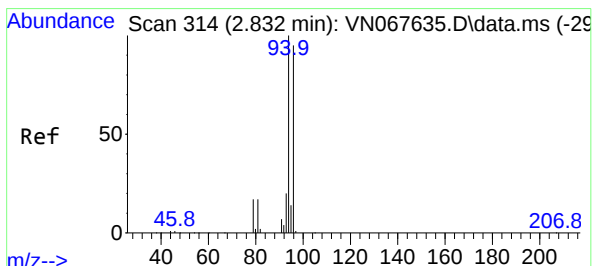
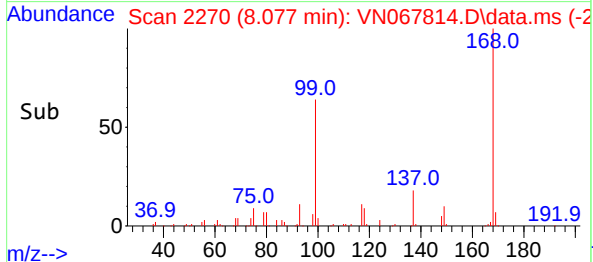
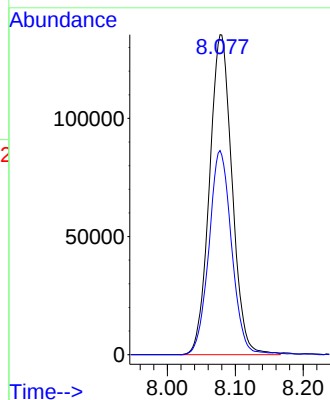
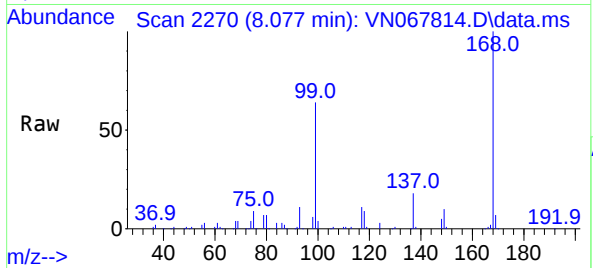




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.077 min Scan# 2270
Delta R.T. -0.009 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

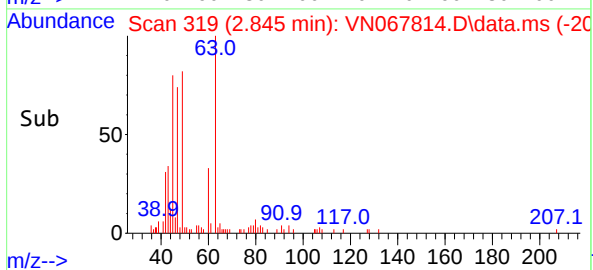
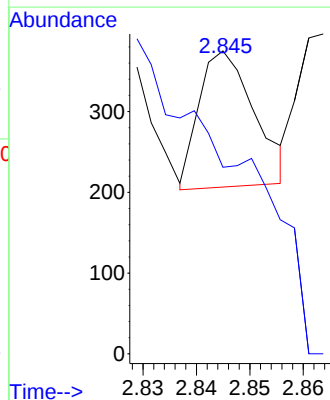
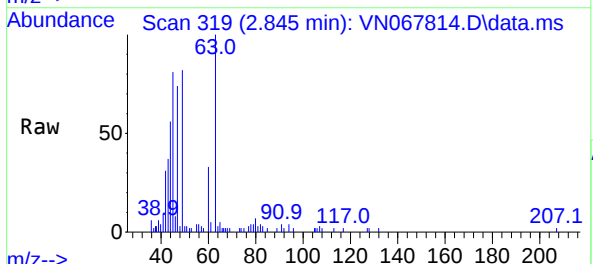
Instrument :
MSVOA_N
ClientSampleId :

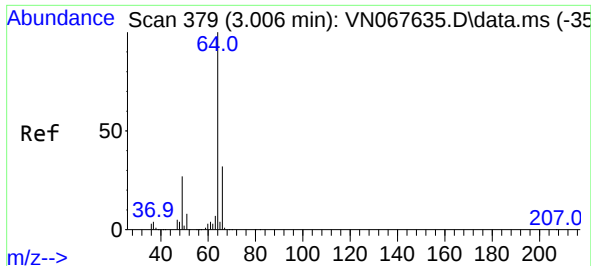
Tgt Ion:168 Resp: 313133
Ion Ratio Lower Upper
168 100
99 63.8 62.9 94.3



#5
Bromomethane
Concen: Below Cal
RT: 2.845 min Scan# 319
Delta R.T. 0.013 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

Tgt Ion: 94 Resp: 121
Ion Ratio Lower Upper
94 100
96 39.6 73.7 110.5#

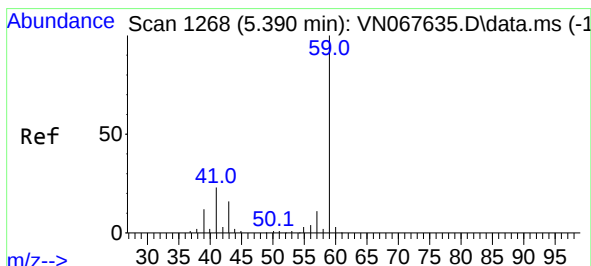
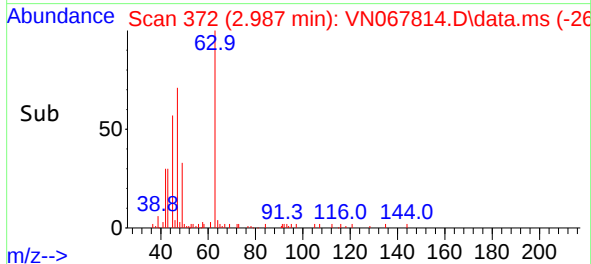
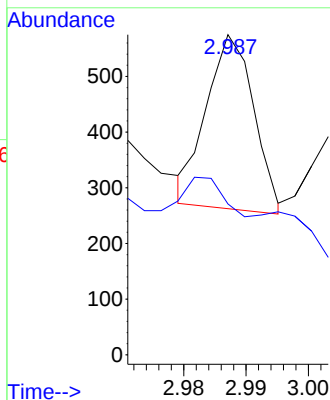
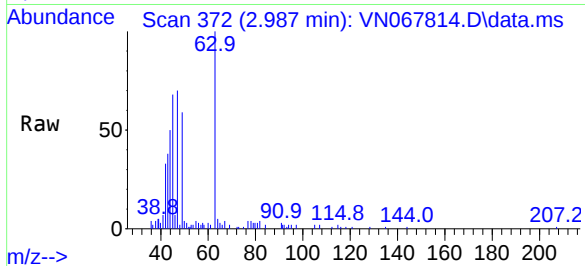




#6
Chloroethane
Concen: Below Cal
RT: 2.987 min Scan# 372
Delta R.T. -0.019 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

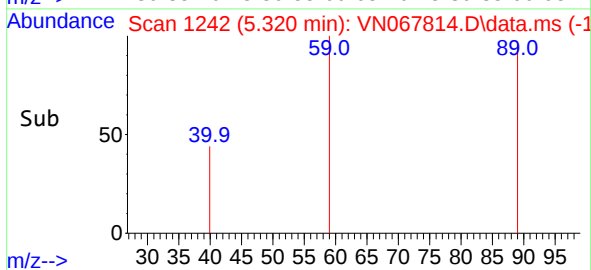
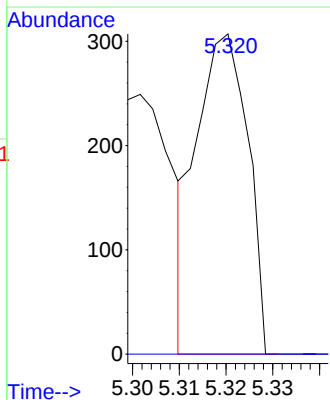
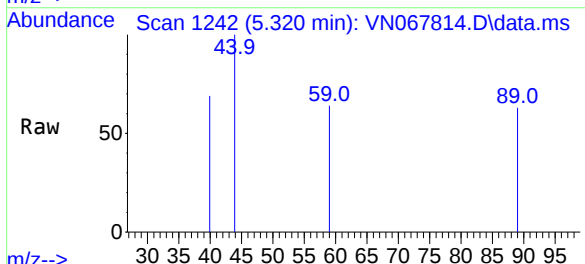
Instrument :
MSVOA_N
ClientSampleId :

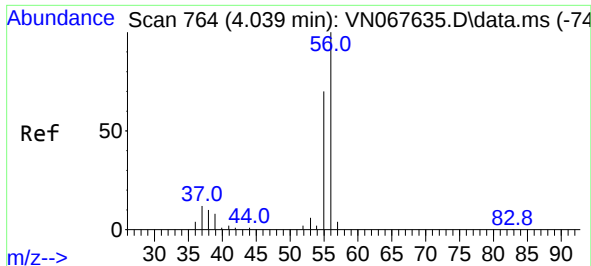
Tgt Ion: 64 Resp: 164
Ion Ratio Lower Upper
64 100
66 4.6 24.7 37.1#



#11
Tert butyl alcohol
Concen: 0.343 ug/l
RT: 5.320 min Scan# 1242
Delta R.T. -0.070 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

Tgt Ion: 59 Resp: 233
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

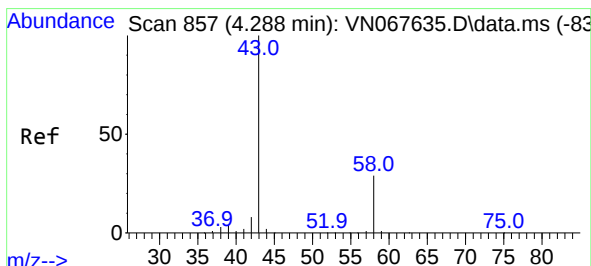
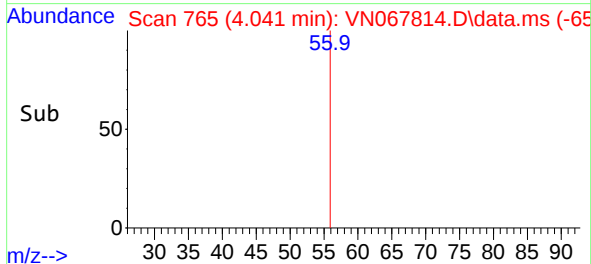
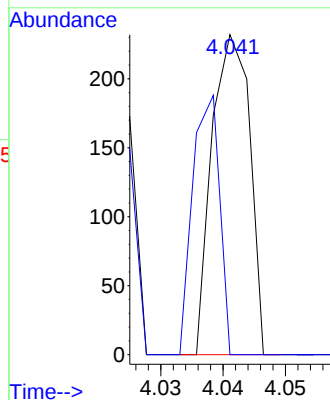
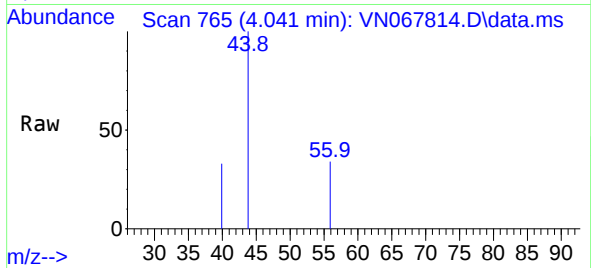




#13
Acrolein
Concen: Below Cal
RT: 4.041 min Scan# 765
Delta R.T. 0.002 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

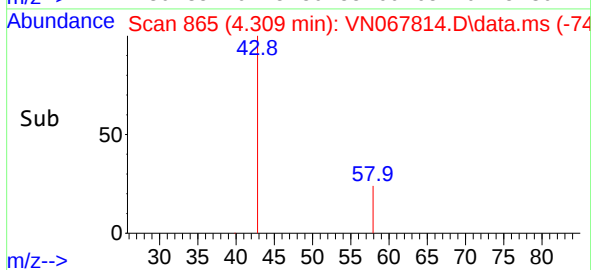
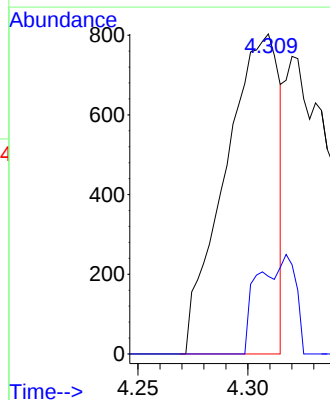
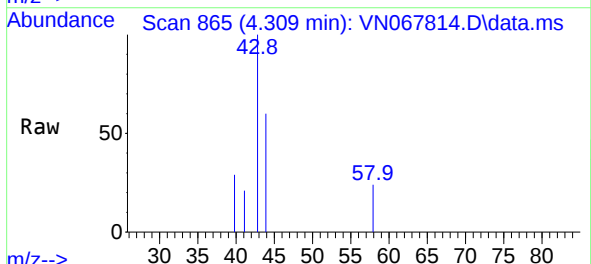
Instrument :
MSVOA_N
ClientSampled :

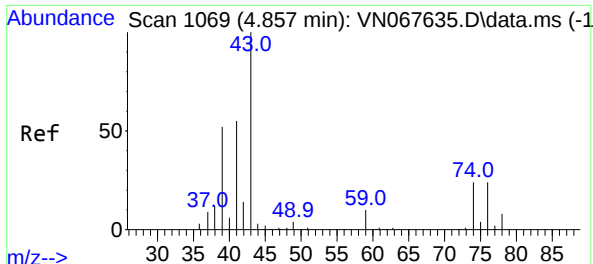
Tgt Ion: 56 Resp: 97
Ion Ratio Lower Upper
56 100
55 57.7 57.4 86.0



#16
Acetone
Concen: 0.917 ug/l
RT: 4.309 min Scan# 865
Delta R.T. 0.021 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

Tgt Ion: 43 Resp: 1366
Ion Ratio Lower Upper
43 100
58 24.3 21.2 31.8

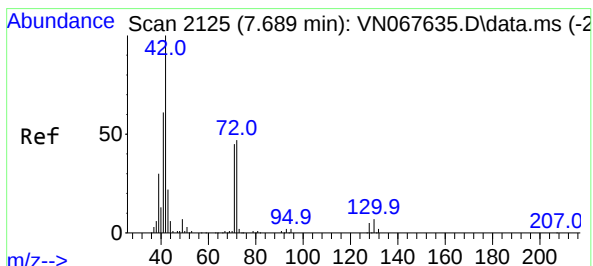
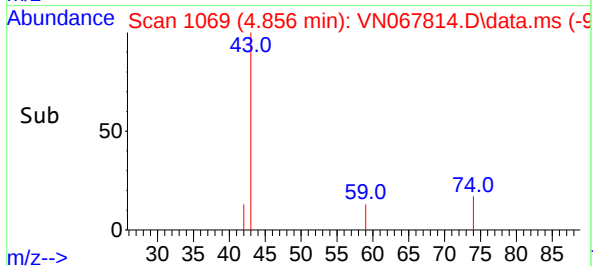
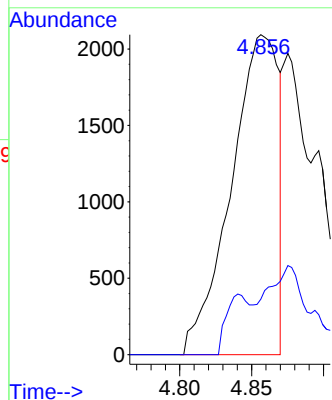
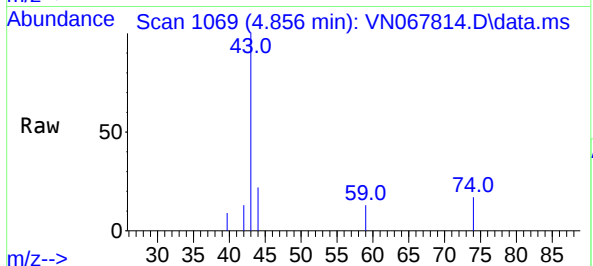




#18
Methyl Acetate
Concen: 1.143 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. -0.001 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

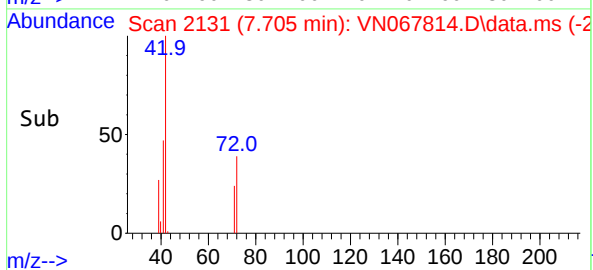
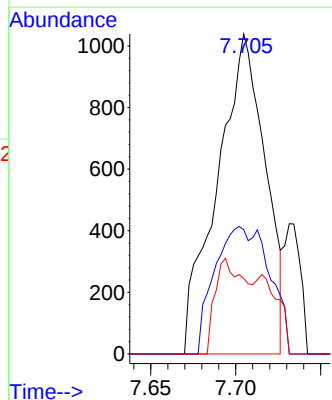
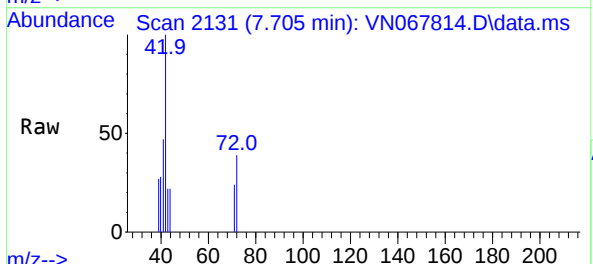
Instrument :
MSVOA_N
ClientSampleId :

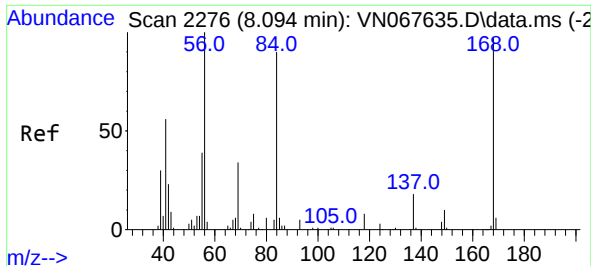
Tgt Ion: 43 Resp: 4780
Ion Ratio Lower Upper
43 100
74 9.9 17.4 26.0#



#29
Tetrahydrofuran
Concen: 1.255 ug/l
RT: 7.705 min Scan# 2131
Delta R.T. 0.016 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

Tgt Ion: 42 Resp: 2041
Ion Ratio Lower Upper
42 100
72 45.6 32.8 49.2
71 19.3 31.2 46.8#

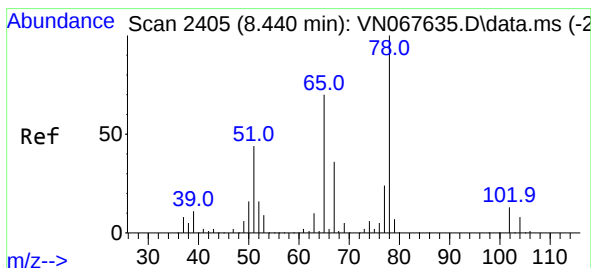
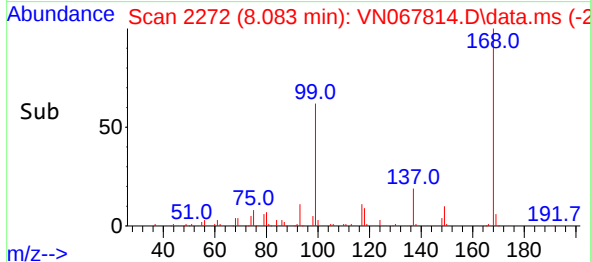
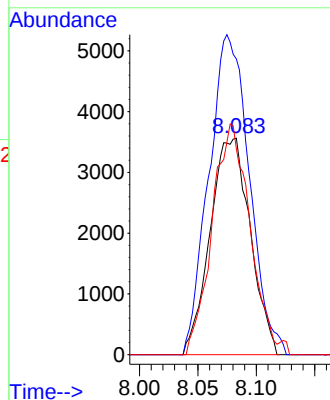
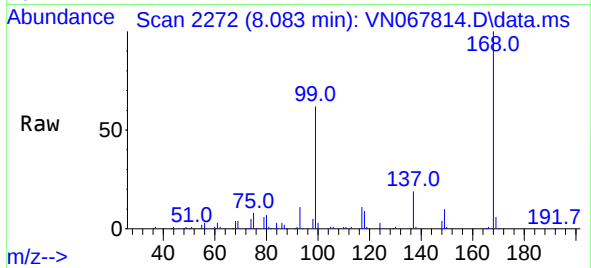




#31
Cyclohexane
Concen: 1.286 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

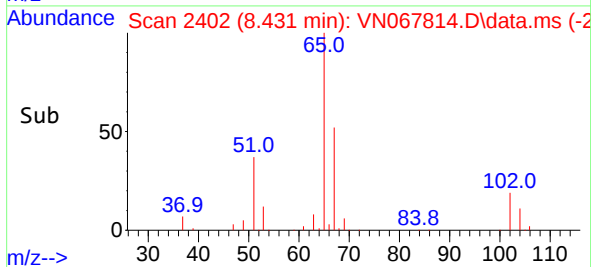
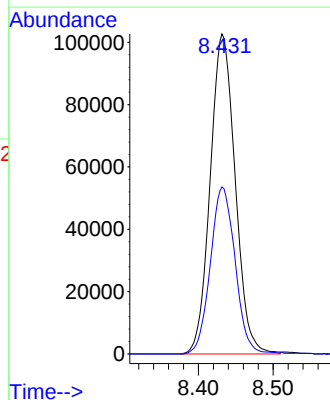
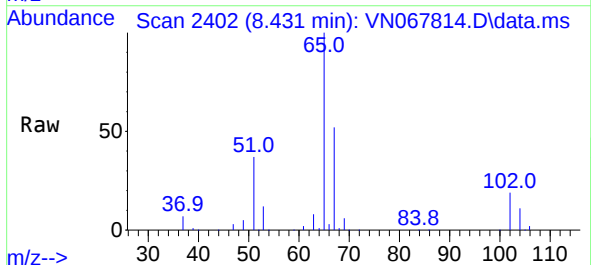
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ClientSampleId :

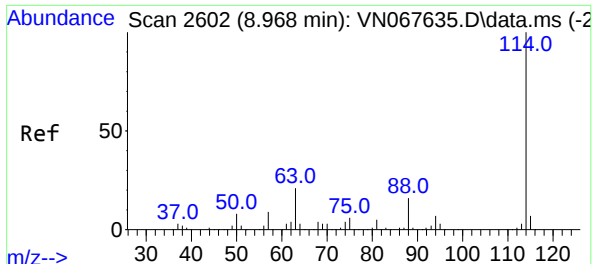
Tgt Ion: 56 Resp: 8536
Ion Ratio Lower Upper
56 100
69 136.6 27.3 40.9#
84 95.2 64.9 97.3



#33
1,2-Dichloroethane-d4
Concen: 50.332 ug/l
RT: 8.431 min Scan# 2402
Delta R.T. -0.009 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

Tgt Ion: 65 Resp: 238193
Ion Ratio Lower Upper
65 100
67 51.7 0.0 98.6

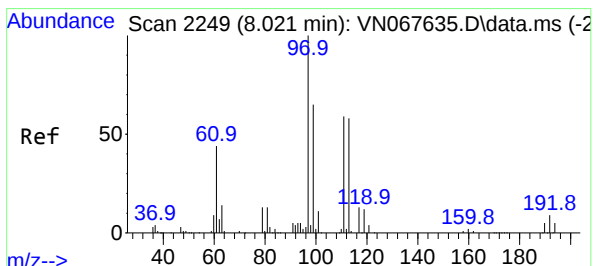
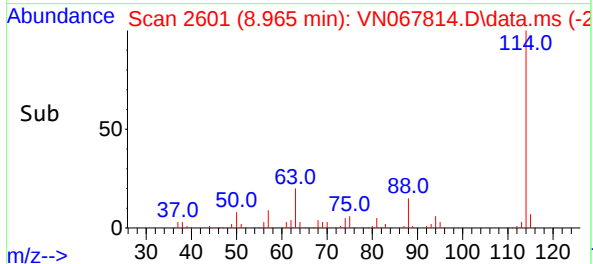
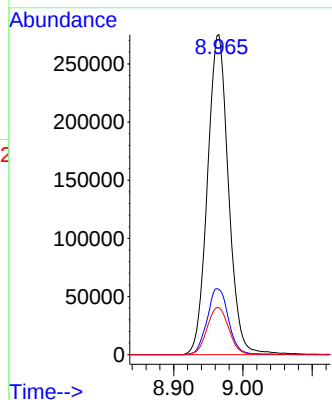
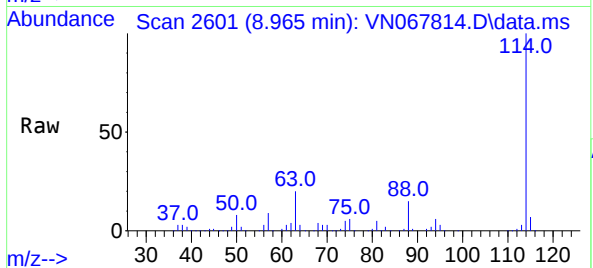




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

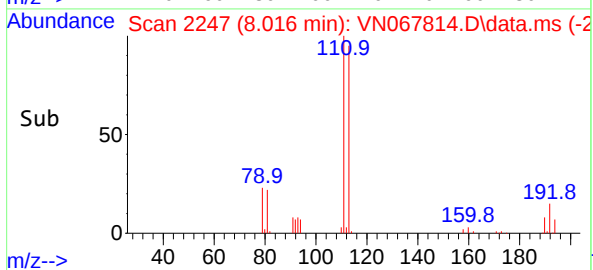
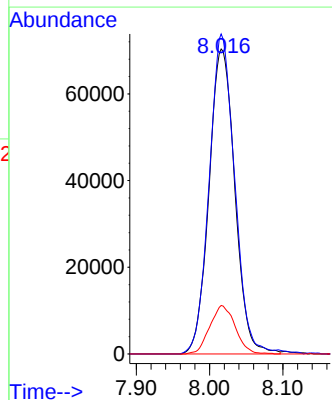
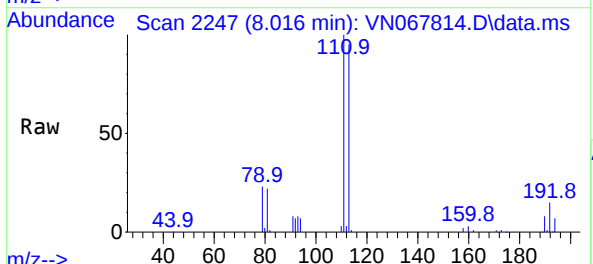
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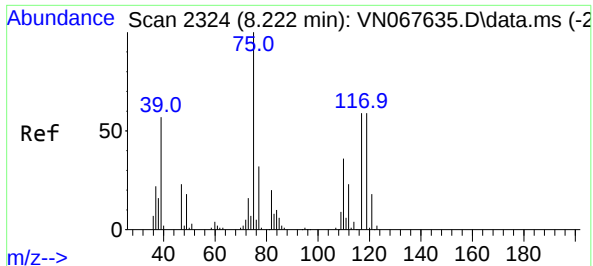
Tgt Ion:114	Resp: 579905
Ion Ratio	Lower Upper
114 100	
63 20.4	0.0 49.0
88 14.7	0.0 36.6



#35
Dibromofluoromethane
Concen: 49.243 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.005 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

Tgt Ion:113	Resp: 172530
Ion Ratio	Lower Upper
113 100	
111 103.0	83.8 125.8
192 15.7	13.4 20.0

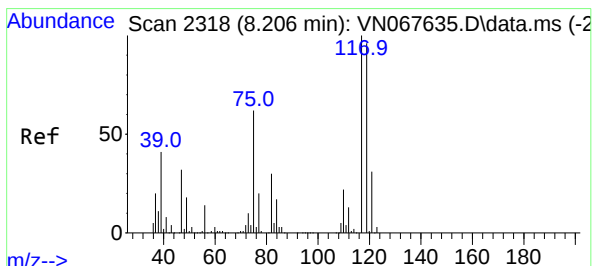
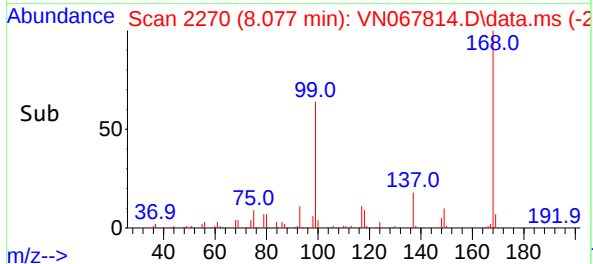
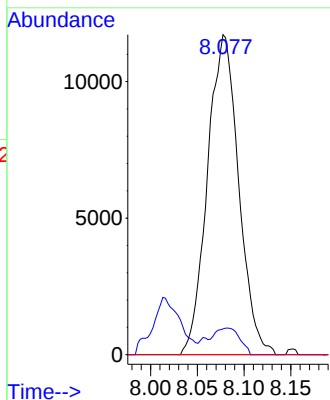
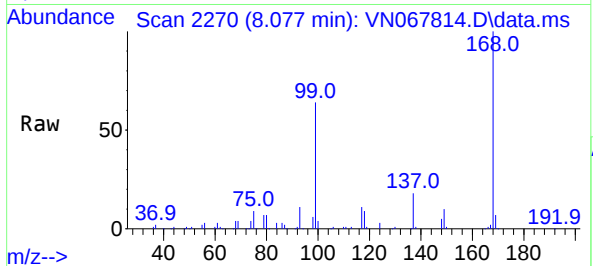




#36
1,1-Dichloropropene
Concen: 5.057 ug/l
RT: 8.077 min Scan# 2270
Delta R.T. -0.145 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

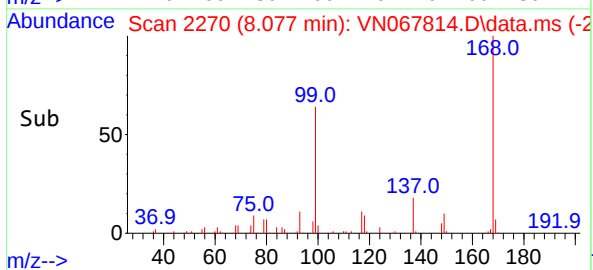
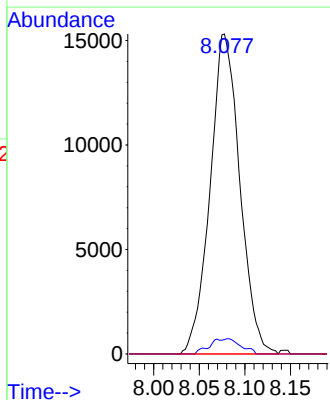
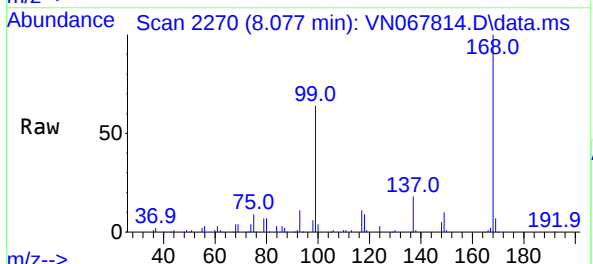
Instrument :
MSVOA_N
ClientSampleId :

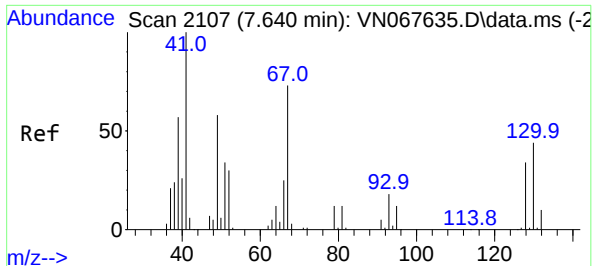
Tgt Ion: 75 Resp: 27243
Ion Ratio Lower Upper
75 100
110 6.6 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.538 ug/l
RT: 8.077 min Scan# 2270
Delta R.T. -0.129 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

Tgt Ion: 117 Resp: 34742
Ion Ratio Lower Upper
117 100
119 4.5 75.4 113.2#
121 0.0 23.5 35.3#

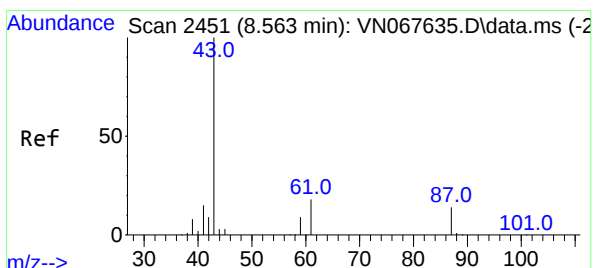
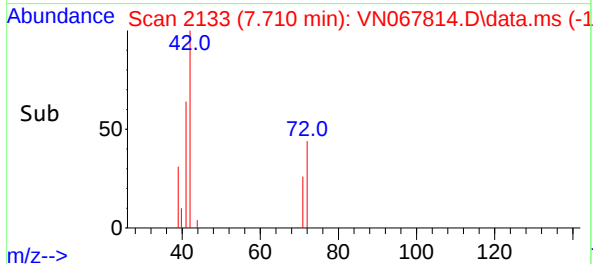
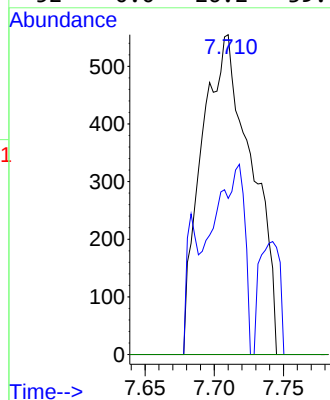
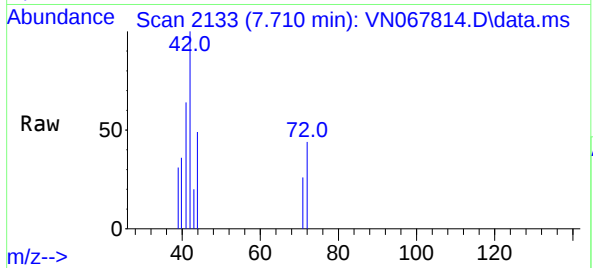




#41
Methacrylonitrile
Concen: 0.519 ug/l
RT: 7.710 min Scan# 2133
Delta R.T. 0.070 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

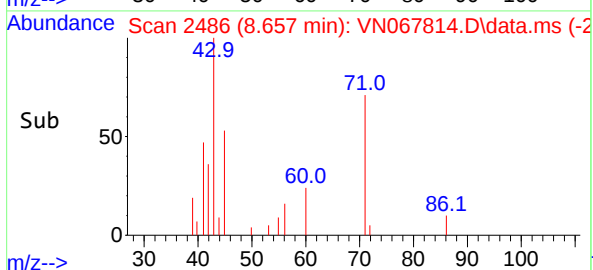
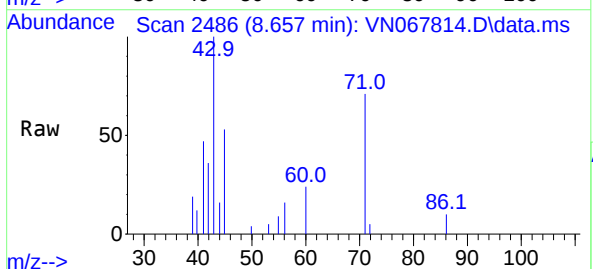
Instrument :
MSVOA_N
ClientSampled :

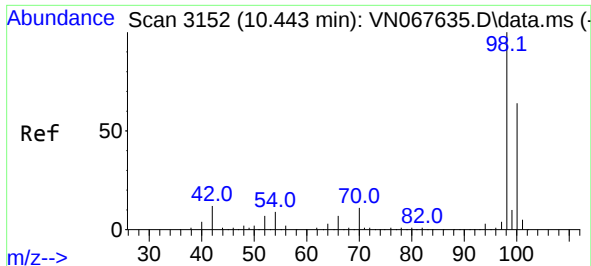
Tgt Ion: 41 Resp: 1392
Ion Ratio Lower Upper
41 100
39 31.3 47.6 71.4#
67 0.0 57.7 86.5#
52 0.0 26.2 39.4#



#43
Isopropyl Acetate
Concen: 1.164 ug/l
RT: 8.657 min Scan# 2486
Delta R.T. 0.094 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

Tgt Ion: 43 Resp: 10683
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#

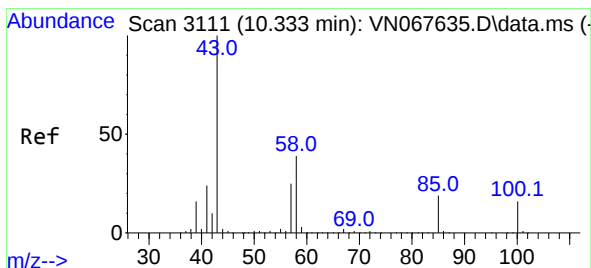
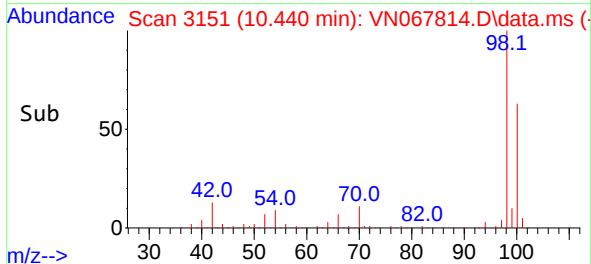
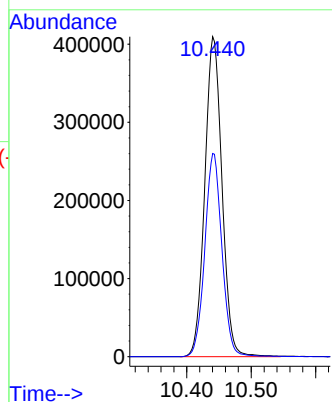
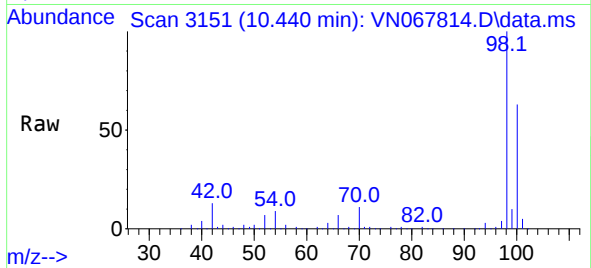




#50
Toluene-d8
Concen: 51.884 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

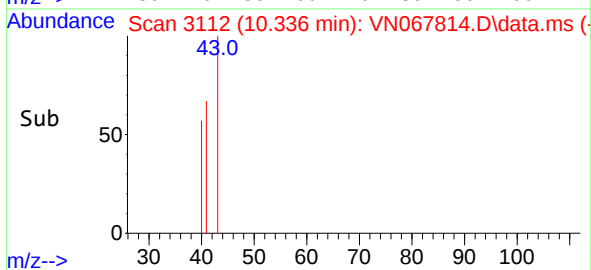
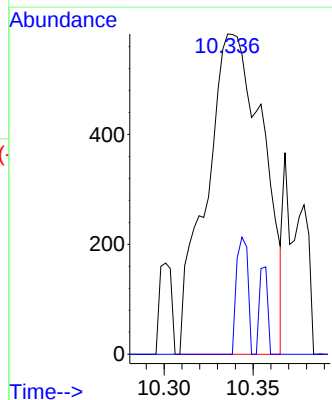
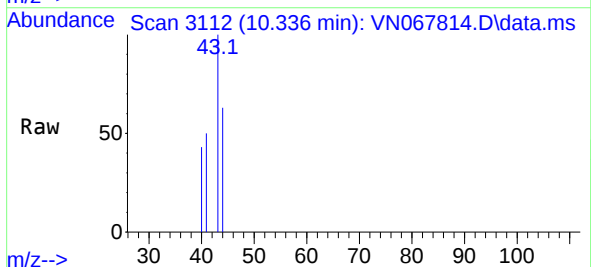
Instrument :
MSVOA_N
ClientSampled :

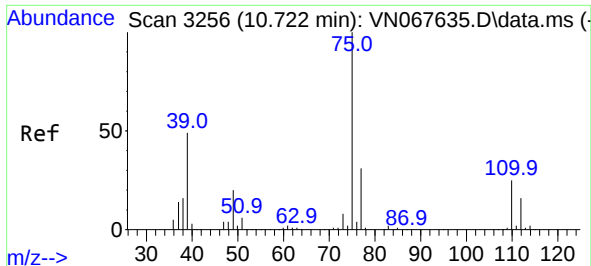
Tgt Ion: 98 Resp: 760901
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.229 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

Tgt Ion: 43 Resp: 1294
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

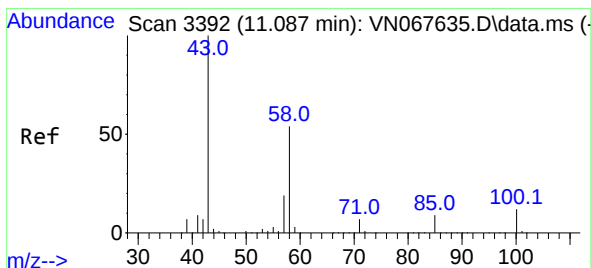
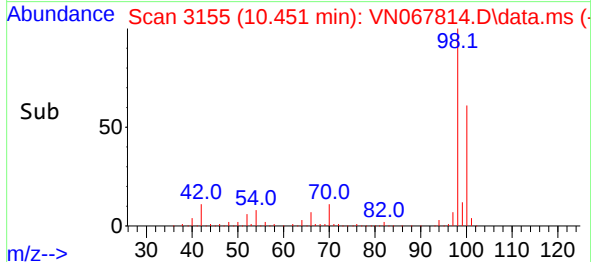
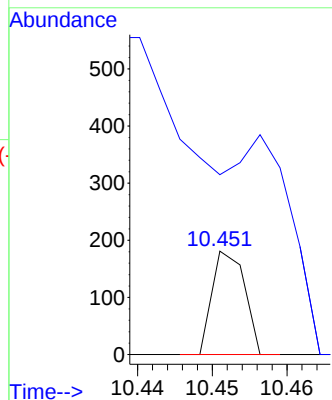
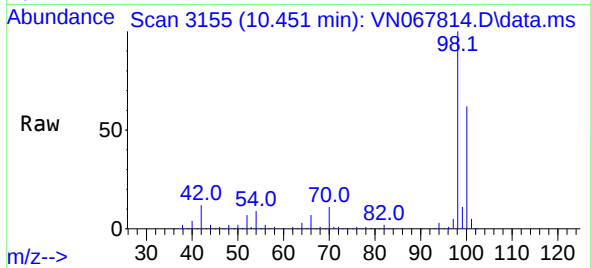




#53
t-1,3-Dichloropropene
Concen: 1.752 ug/l
RT: 10.451 min Scan# 3155
Delta R.T. -0.271 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

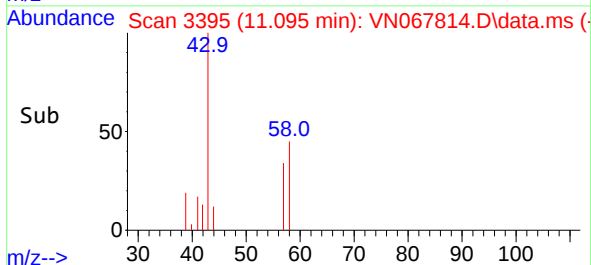
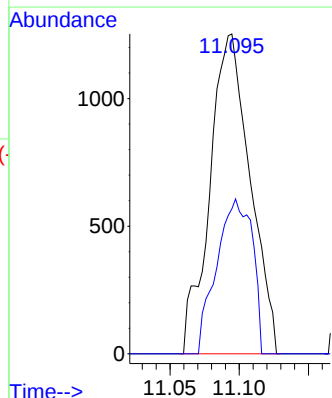
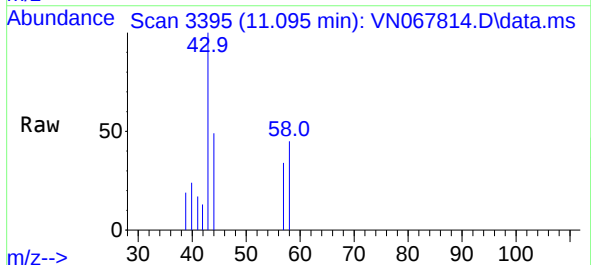
Instrument :
MSVOA_N
ClientSampled :

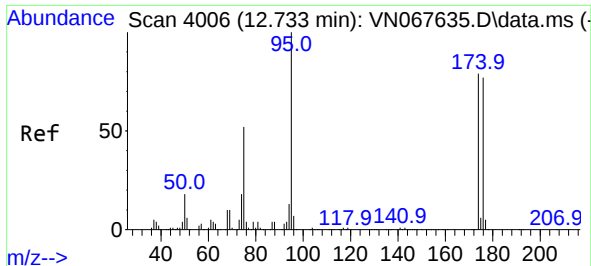
Tgt Ion: 75 Resp: 54
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#



#59
2-Hexanone
Concen: 0.645 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.008 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

Tgt Ion: 43 Resp: 2539
Ion Ratio Lower Upper
43 100
58 42.7 24.7 74.1

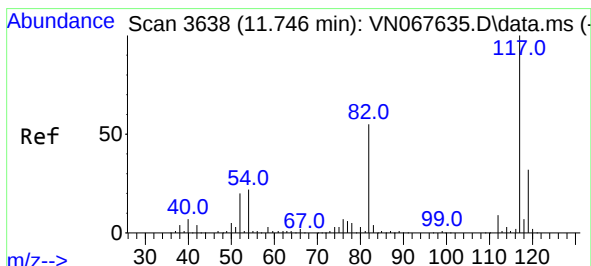
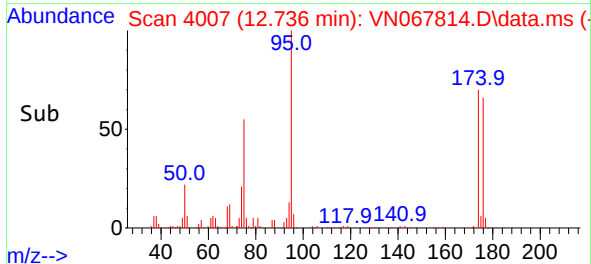
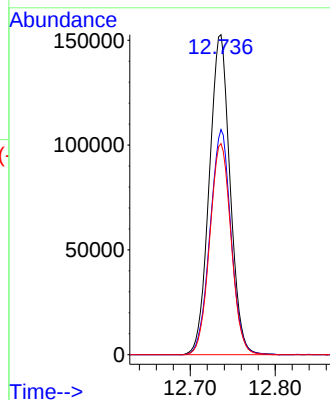
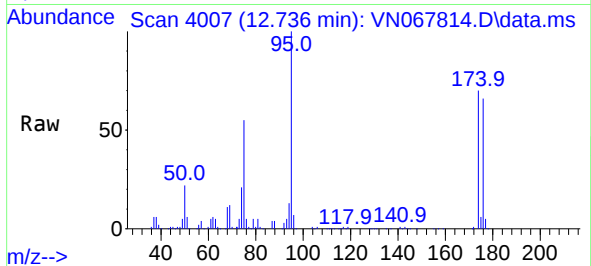




#62
4-Bromofluorobenzene
Concen: 50.048 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

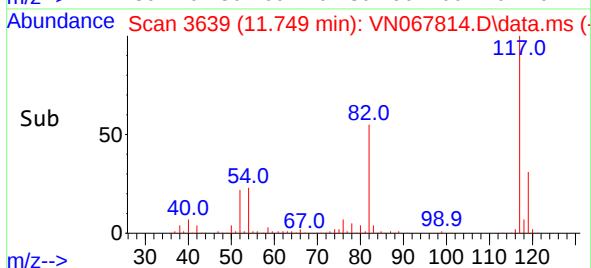
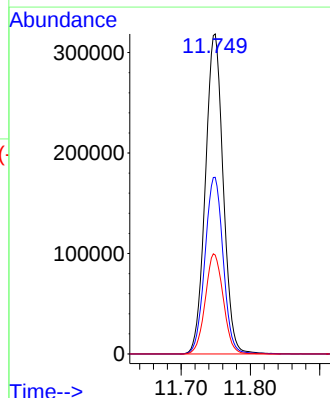
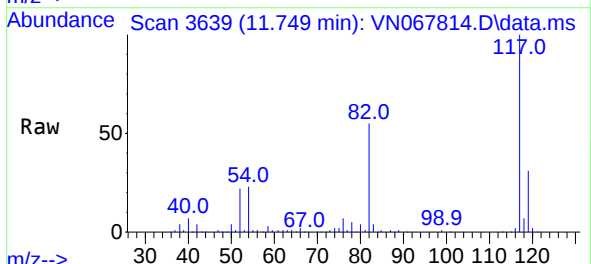
Instrument :
MSVOA_N
ClientSampled :

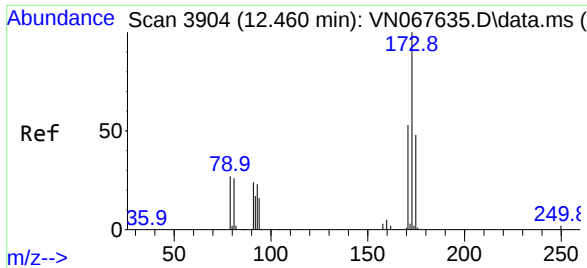
Tgt Ion: 95 Resp: 259278
Ion Ratio Lower Upper
95 100
174 71.2 0.0 122.0
176 67.6 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

Tgt Ion: 117 Resp: 569583
Ion Ratio Lower Upper
117 100
82 55.2 53.1 79.7
119 30.9 25.5 38.3

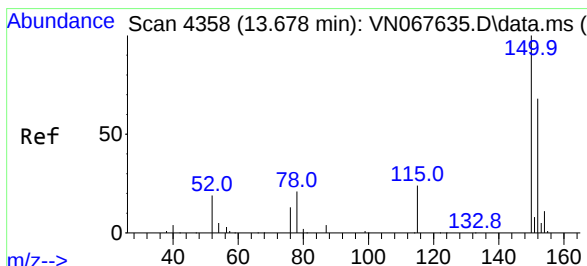
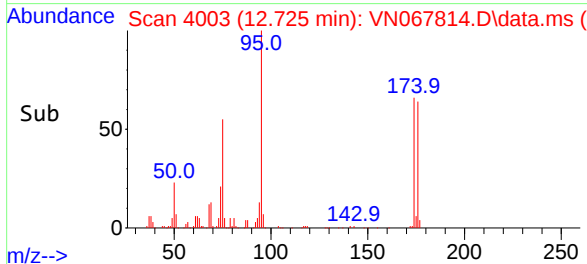
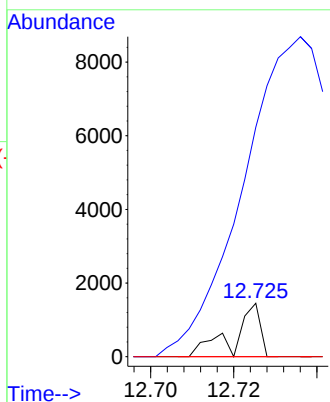
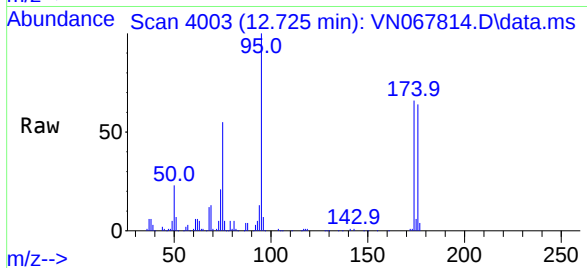




#71
Bromoform
Concen: 3.342 ug/l
RT: 12.725 min Scan# 4003
Delta R.T. 0.265 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

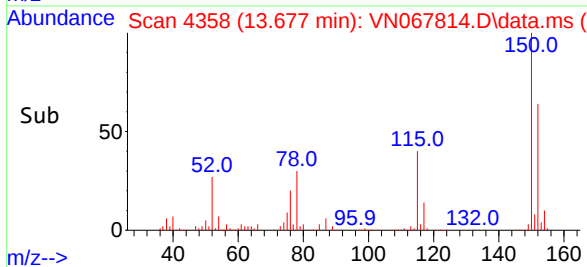
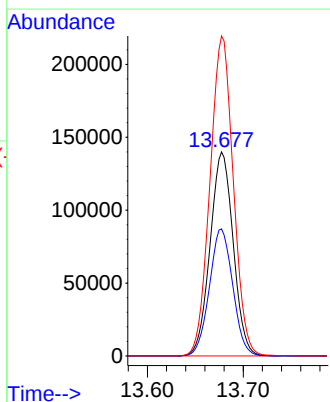
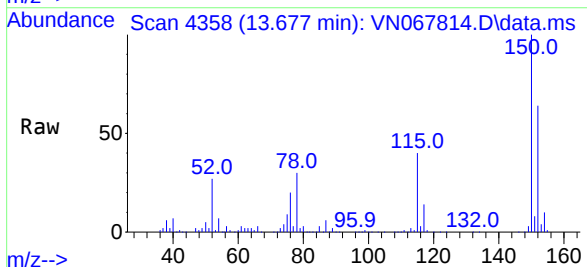
Instrument :
MSVOA_N
ClientSampleId :

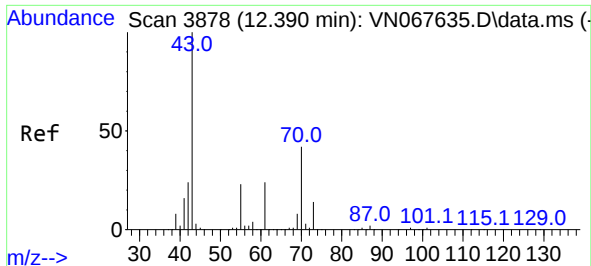
Tgt Ion:173 Resp: 648
Ion Ratio Lower Upper
173 100
175 2065.9 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

Tgt Ion:152 Resp: 234545
Ion Ratio Lower Upper
152 100
115 62.7 36.1 108.5
150 158.0 0.0 351.8

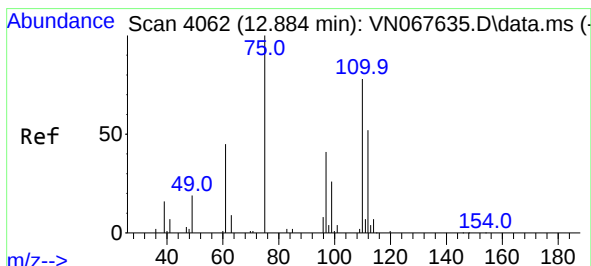
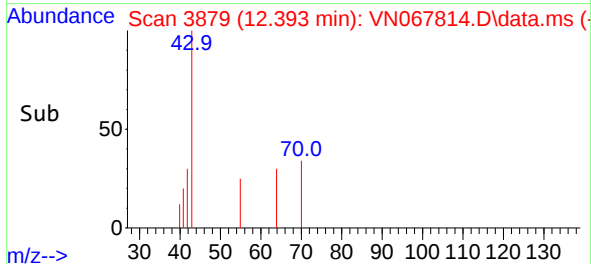
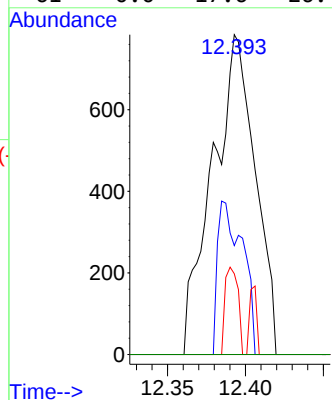
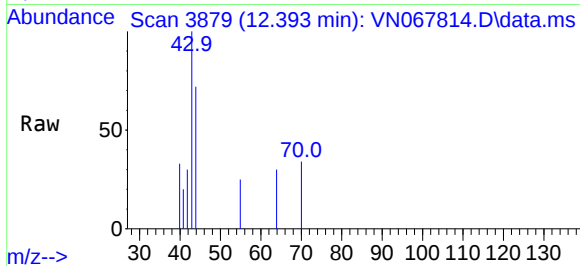




#74
N-amy1 acetate
Concen: 0.218 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.003 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

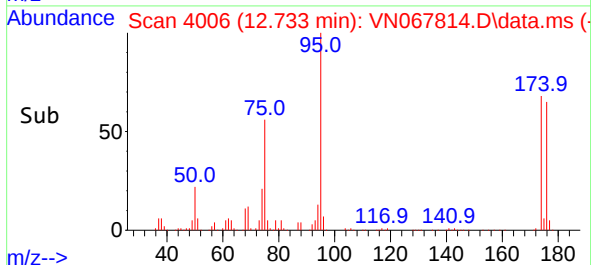
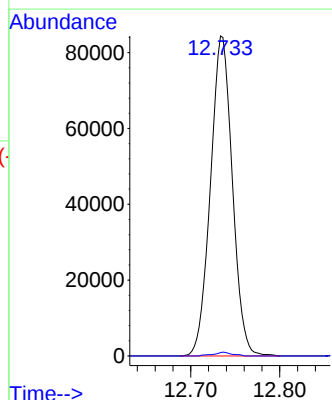
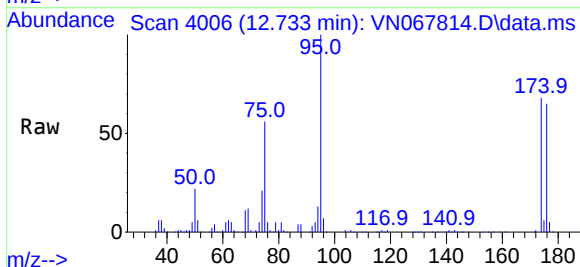
Instrument :
MSVOA_N
ClientSampleId :

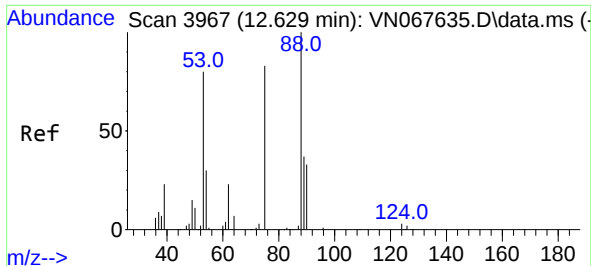
Tgt Ion: 43	Resp: 1497
Ion Ratio	Lower Upper
43 100	
70 27.8	29.4 44.2#
55 8.1	17.0 25.4#
61 0.0	17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 30.099 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

Tgt Ion: 75	Resp: 144169
Ion Ratio	Lower Upper
75 100	
77 1.0	0.0 0.0#

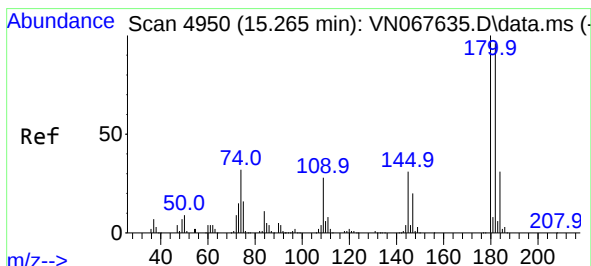
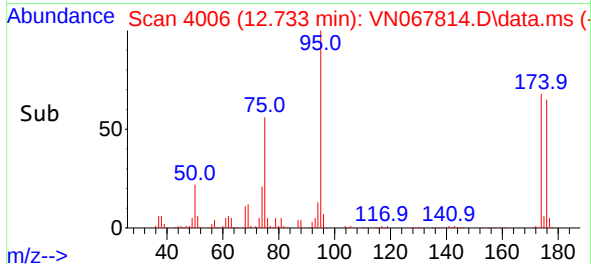
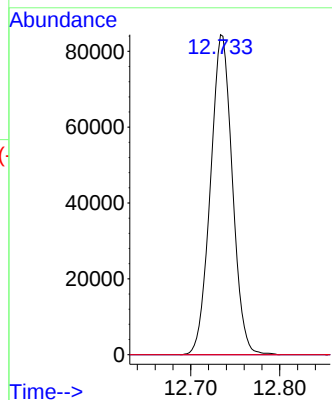
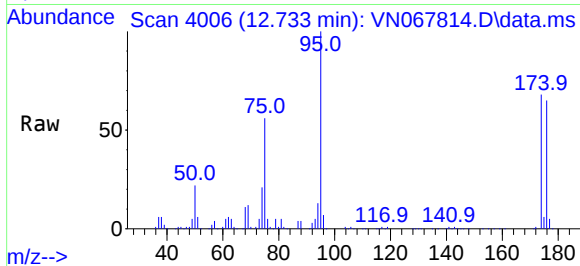




#81
trans-1,4-Dichloro-2-butene
Concen: 97.042 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

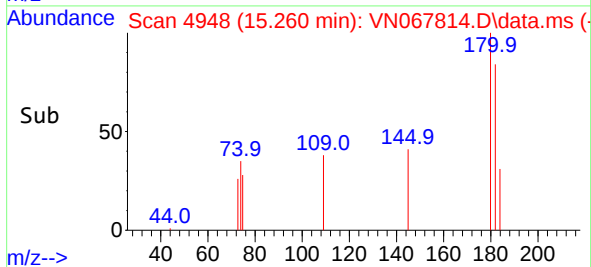
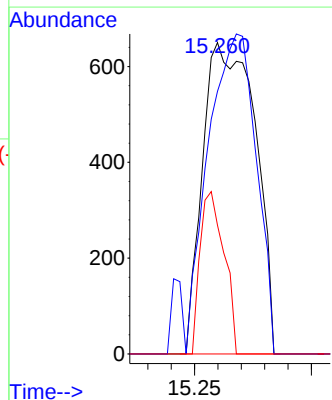
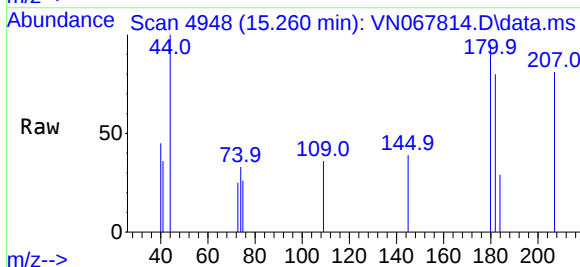
Instrument :
MSVOA_N
ClientSampled :

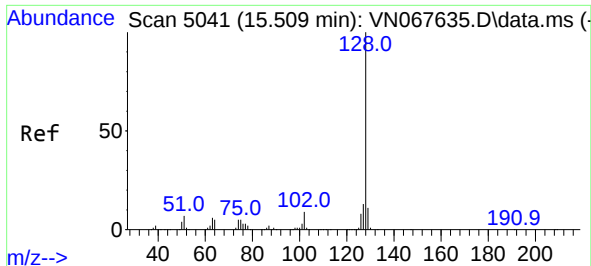
Tgt Ion: 75 Resp: 144169
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.919 ug/l
RT: 15.260 min Scan# 4948
Delta R.T. -0.005 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

Tgt Ion:180 Resp: 1011
Ion Ratio Lower Upper
180 100
182 94.2 47.5 142.5
145 23.9 17.2 51.6

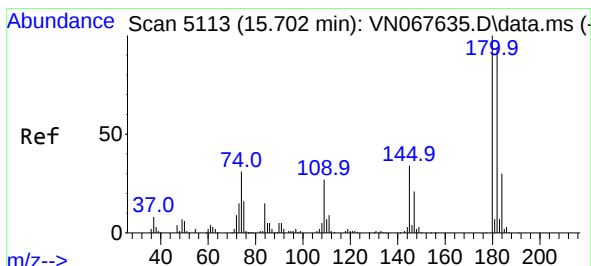
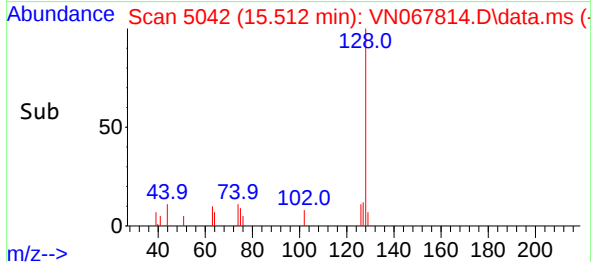
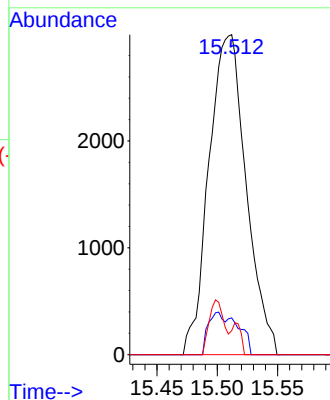
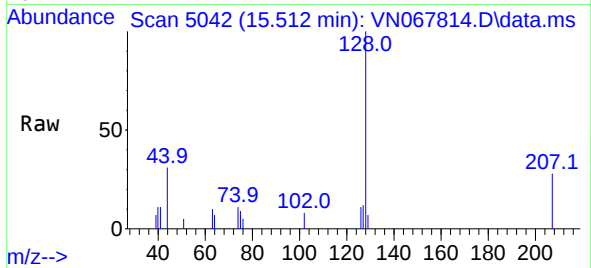




#95
Naphthalene
Concen: 3.539 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.003 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 6435
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 2.5 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 3.022 ug/l
RT: 15.708 min Scan# 5115
Delta R.T. 0.006 min
Lab File: VN067814.D
Acq: 20 Jul 2021 13:42

Tgt Ion:180 Resp: 1538
Ion Ratio Lower Upper
180 100
182 71.8 47.8 143.3
145 28.4 18.2 54.6

