

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021121\
 Data File : VN065814.D
 Acq On : 11 Feb 2021 14:48
 Operator : JC/MD
 Sample : M1363-04
 Misc : 2.69g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VCP-SS-10-SOIL

Quant Time: Feb 11 15:10:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

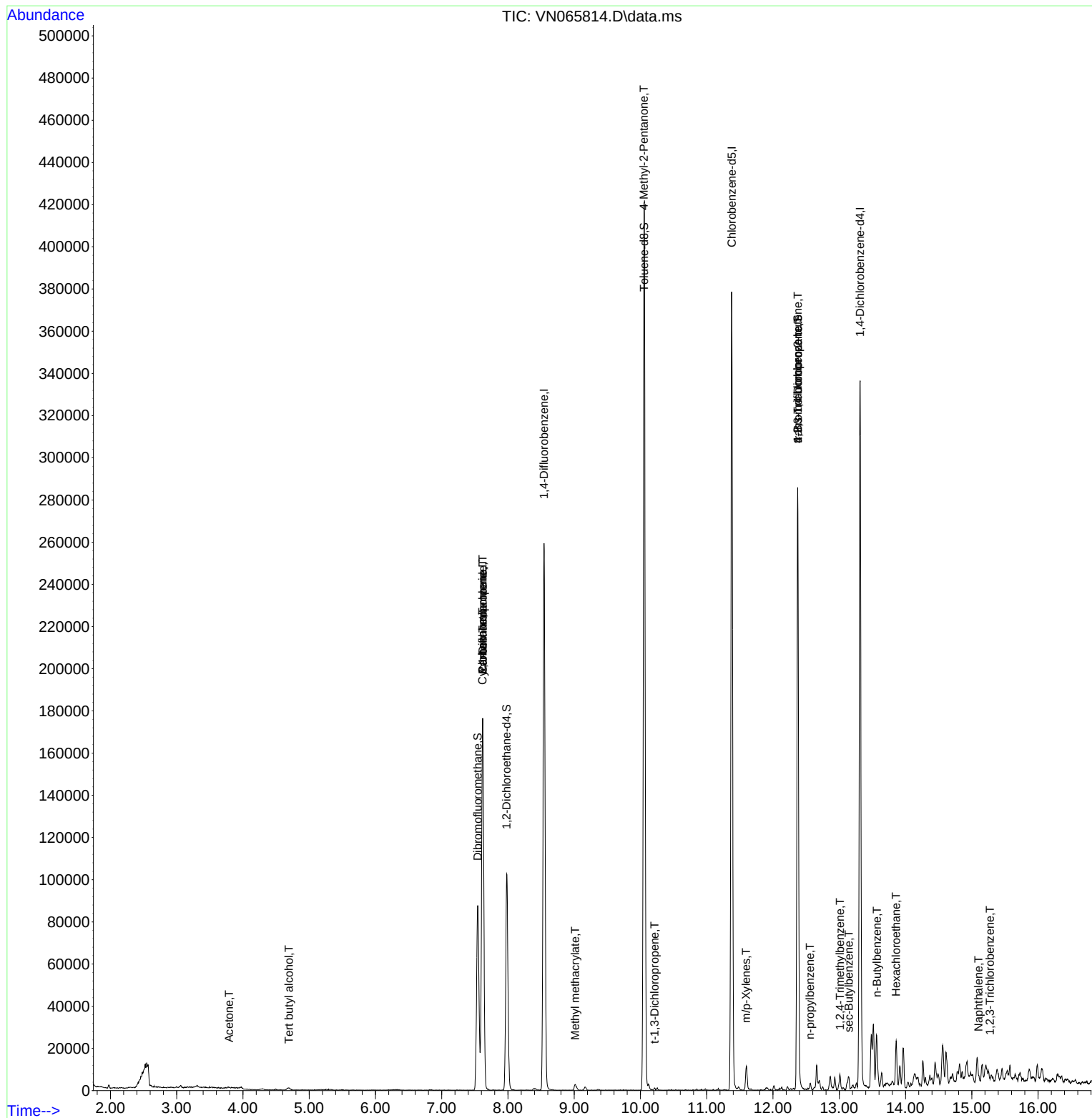
Internal Standards						
1) Pentafluorobenzene	7.618	168	155184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.544	114	250681	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	238071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	100311	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.981	65	85377	41.82	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	83.64%		
35) Dibromofluoromethane	7.544	113	71747	48.30	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.60%		
50) Toluene-d8	10.055	98	312417	53.50	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.00%		
62) 4-Bromofluorobenzene	12.373	95	111702	53.12	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.24%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.692	59	849	2.22	ug/l #	73
16) Acetone	3.788	43	583	0.73	ug/l #	41
31) Cyclohexane	7.614	56	2781	0.72	ug/l #	1
36) 1,1-Dichloropropene	7.618	75	10898	4.32	ug/l #	47
38) Carbon Tetrachloride	7.618	117	13825	6.66	ug/l #	17
48) Methyl methacrylate	9.016	41	430	0.21	ug/l #	33
51) 4-Methyl-2-Pentanone	10.052	43	1220	0.52	ug/l #	1
53) t-1,3-Dichloropropene	10.212	75	610	0.21	ug/l #	42
68) m/p-Xylenes	11.595	106	3603	1.06	ug/l	90
76) 1,2,3-Trichloropropane	12.373	75	49732	18.96	ug/l #	100
78) n-propylbenzene	12.560	91	3366	0.33	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	49732	48.56	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.010	105	4975	0.67	ug/l	96
85) sec-Butylbenzene	13.145	105	5028	0.60	ug/l	89
89) n-Butylbenzene	13.569	91	2304	0.35	ug/l #	1
90) Hexachloroethane	13.859	117	1220	0.94	ug/l #	12
95) Naphthalene	15.103	128	881	3.58	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.277	180	96	2.89	ug/l #	1

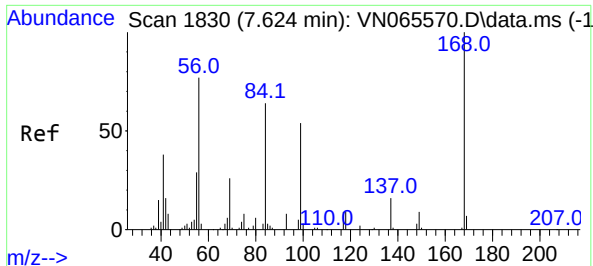
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
Response via : Initial Calibration

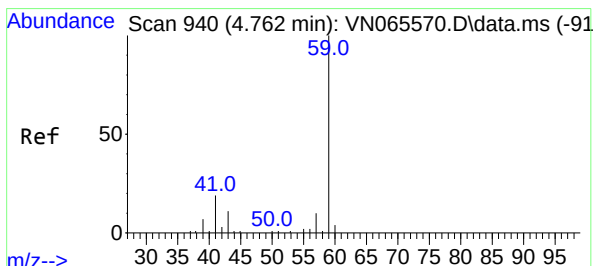
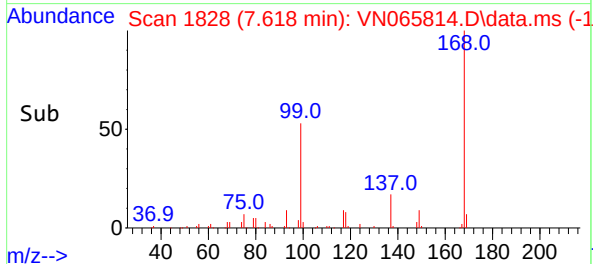
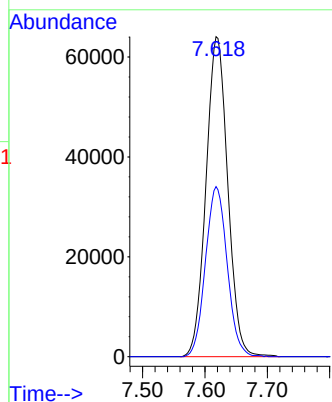
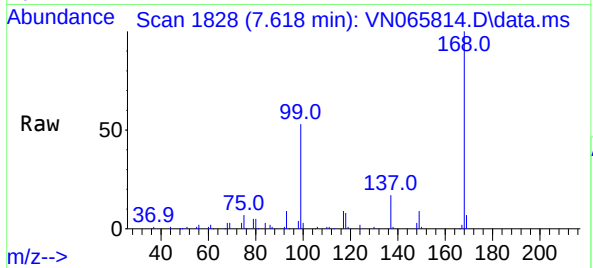




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. -0.006 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

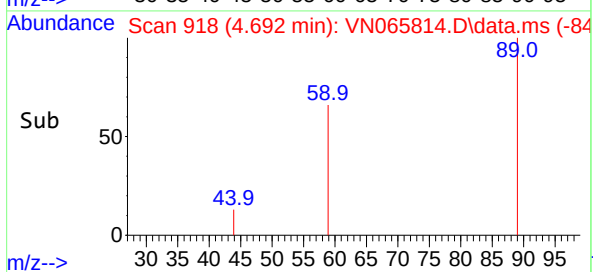
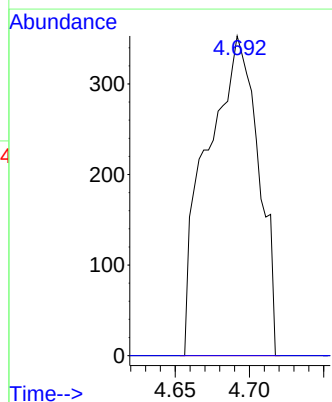
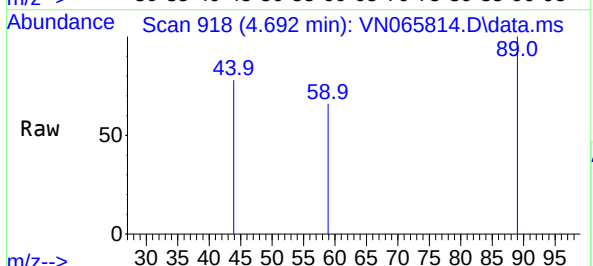
Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-10-SOIL

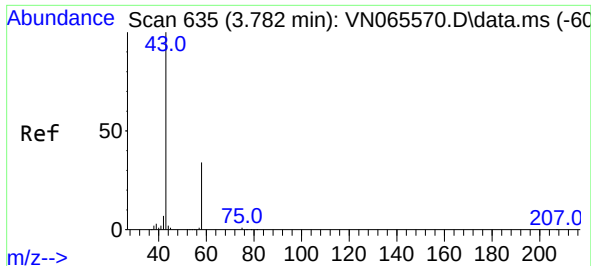
Tgt Ion:168 Resp: 155184
Ion Ratio Lower Upper
168 100
99 53.2 42.6 63.8



#11
Tert butyl alcohol
Concen: 2.22 ug/l
RT: 4.692 min Scan# 918
Delta R.T. -0.070 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

Tgt Ion: 59 Resp: 849
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

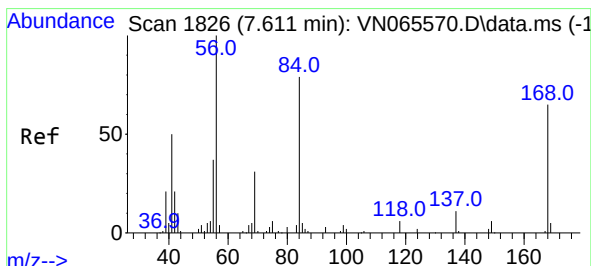
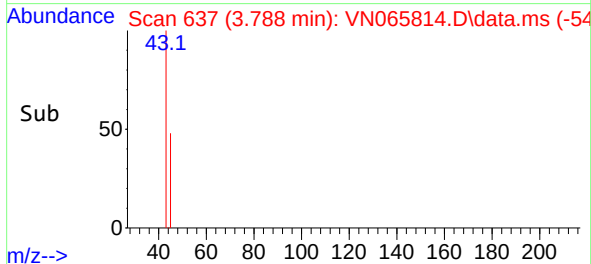
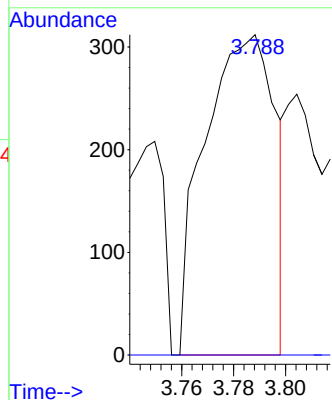
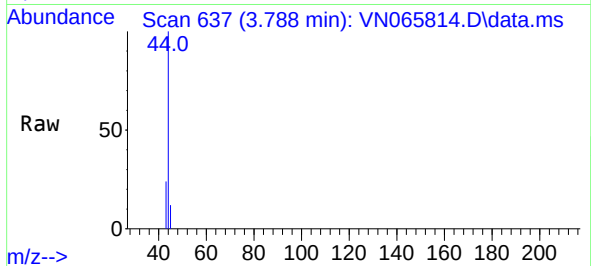




#16
Acetone
Concen: 0.73 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.006 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

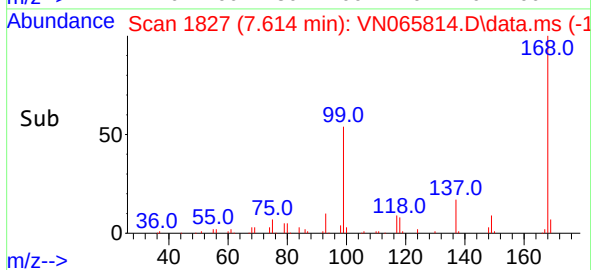
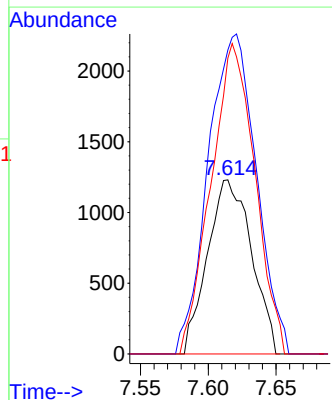
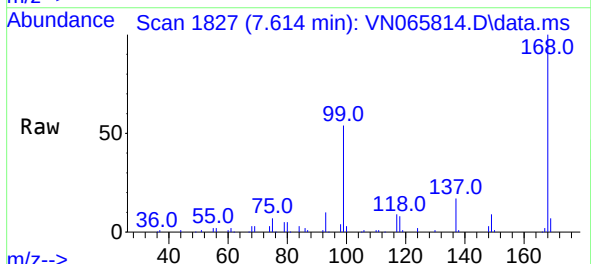
Instrument :
MSVOA_N
ClientSampled :
VCP-SS-10-SOIL

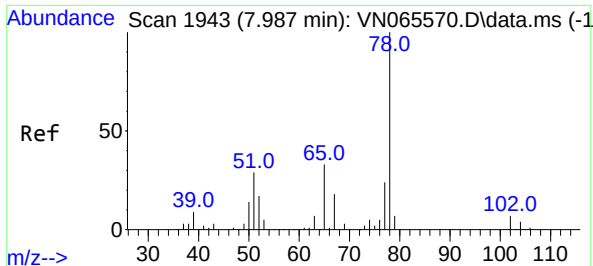
Tgt Ion: 43 Resp: 583
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#



#31
Cyclohexane
Concen: 0.72 ug/l
RT: 7.614 min Scan# 1827
Delta R.T. 0.003 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

Tgt Ion: 56 Resp: 2781
Ion Ratio Lower Upper
56 100
69 162.4 26.6 39.8#
84 170.0 70.4 105.6#

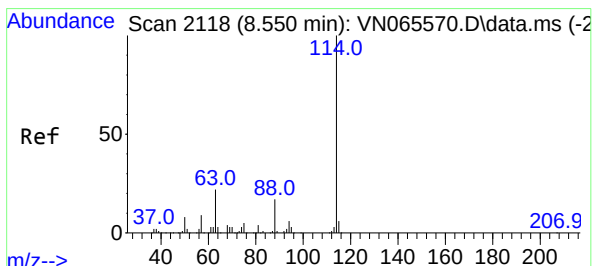
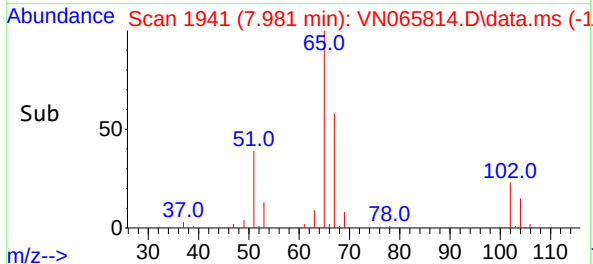
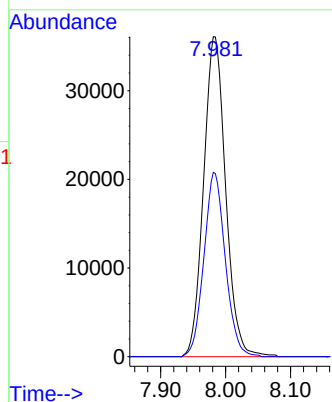
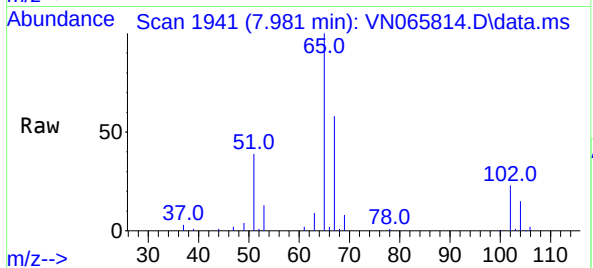




#33
1,2-Dichloroethane-d4
Concen: 41.82 ug/l
RT: 7.981 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

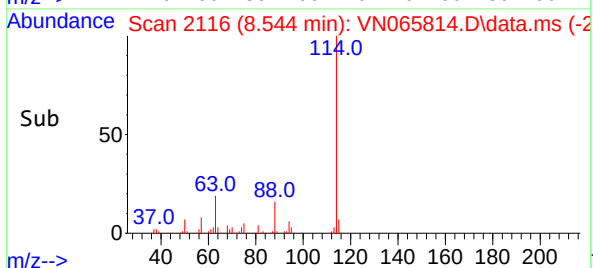
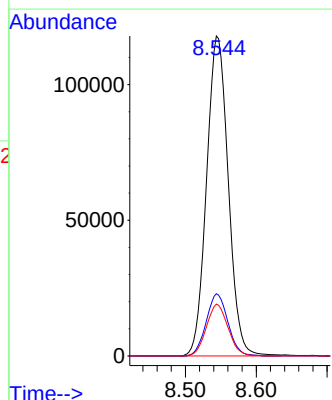
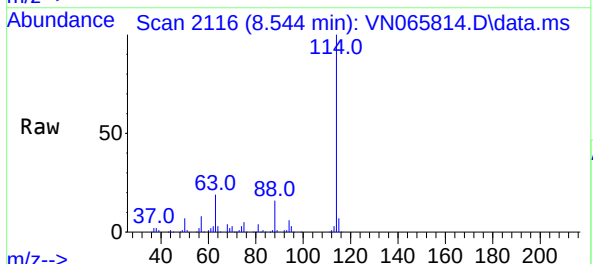
Instrument :
MSVOA_N
ClientSampleId :
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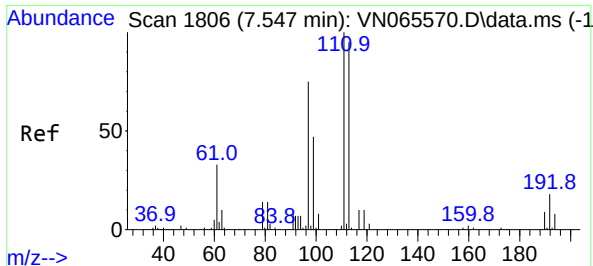
Tgt Ion: 65 Resp: 85377
Ion Ratio Lower Upper
65 100
67 55.8 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.544 min Scan# 2116
Delta R.T. -0.006 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

Tgt Ion: 114 Resp: 250681
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.6
88 16.2 0.0 30.6

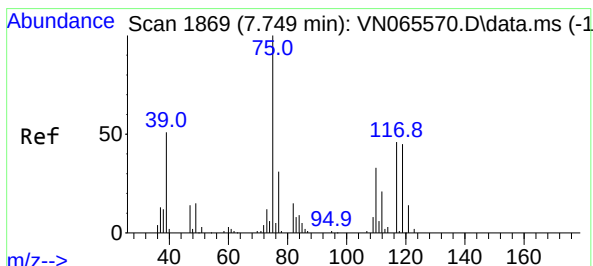
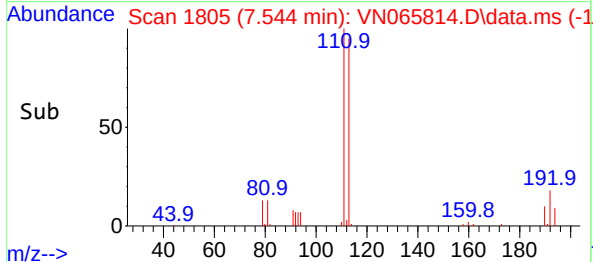
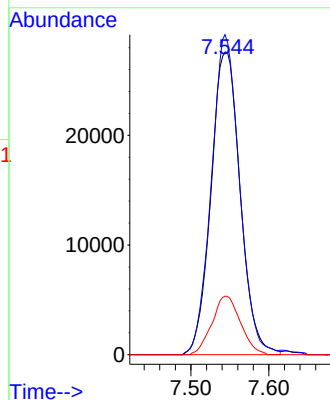
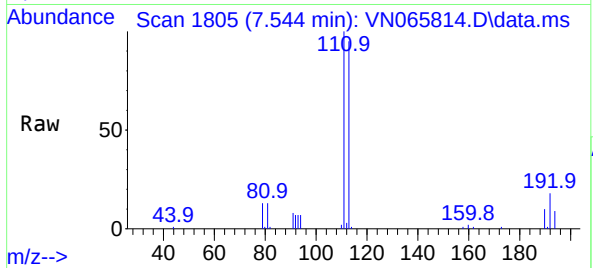




#35
Dibromofluoromethane
Concen: 48.30 ug/l
RT: 7.544 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

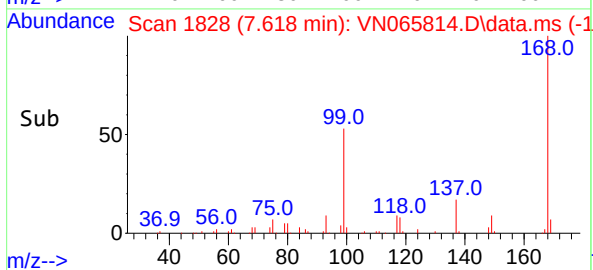
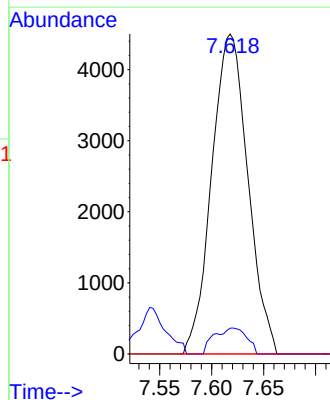
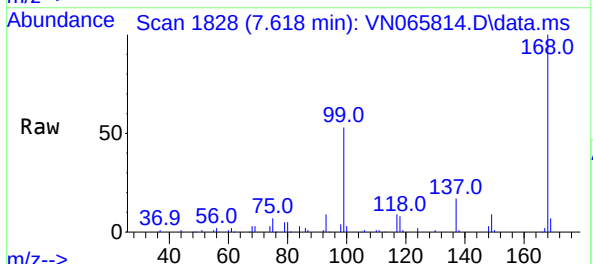
Instrument :
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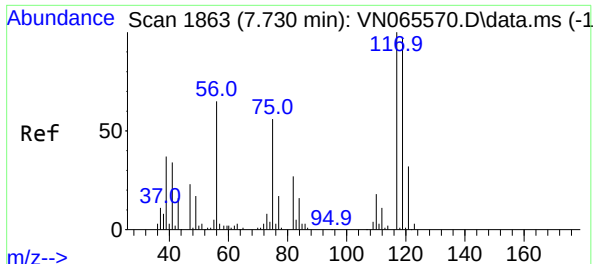
Tgt Ion:113 Resp: 71747
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.2
192 19.0 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.32 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. -0.131 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

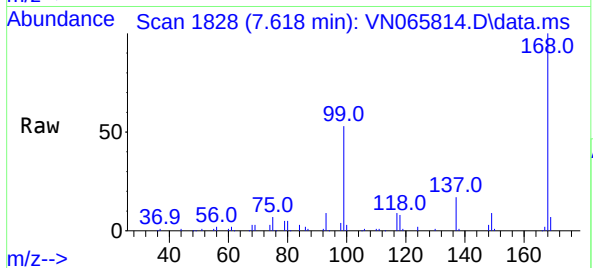
Tgt Ion: 75 Resp: 10898
Ion Ratio Lower Upper
75 100
110 7.3 18.2 54.6#
77 0.0 24.9 37.3#



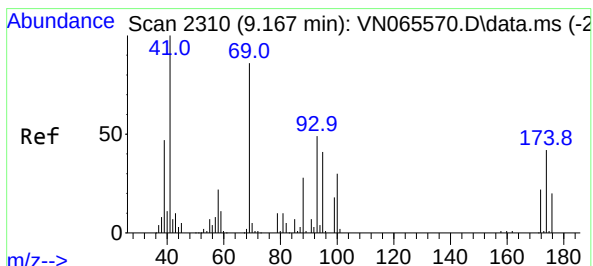
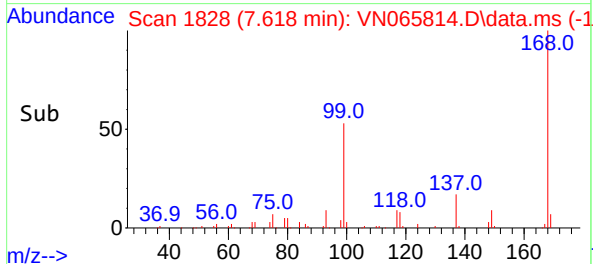
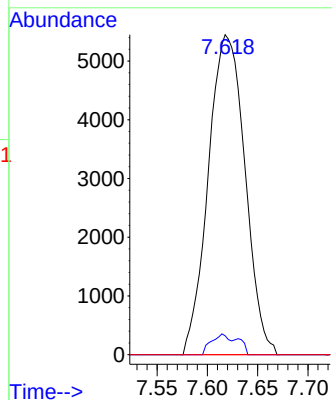


#38
Carbon Tetrachloride
Concen: 6.66 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. -0.112 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-10-SOIL

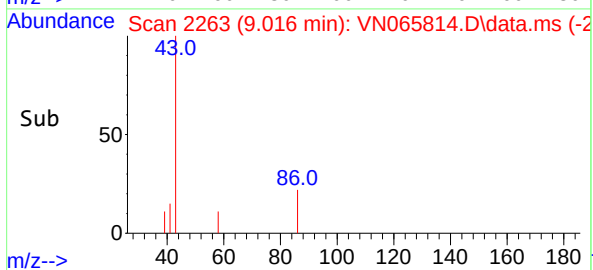
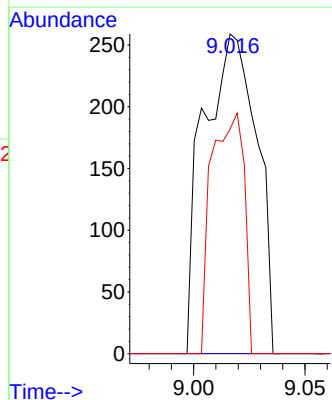
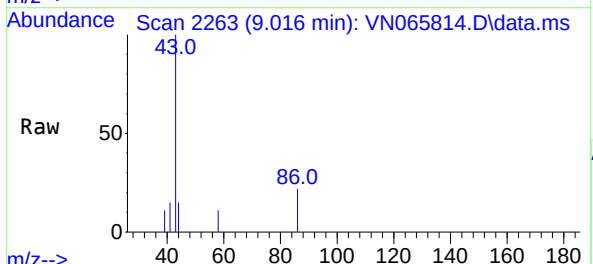


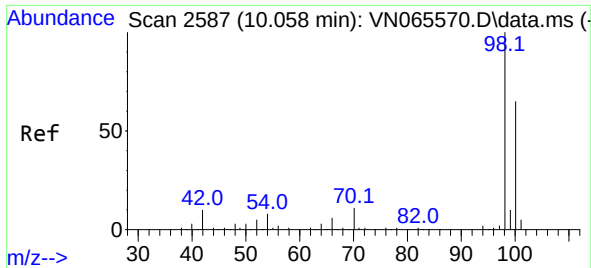
Tgt Ion:117 Resp: 13825
Ion Ratio Lower Upper
117 100
119 5.9 76.0 114.0#
121 0.0 24.5 36.7#



#48
Methyl methacrylate
Concen: 0.21 ug/l
RT: 9.016 min Scan# 2263
Delta R.T. -0.151 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

Tgt Ion: 41 Resp: 430
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 46.0 46.6 69.8#

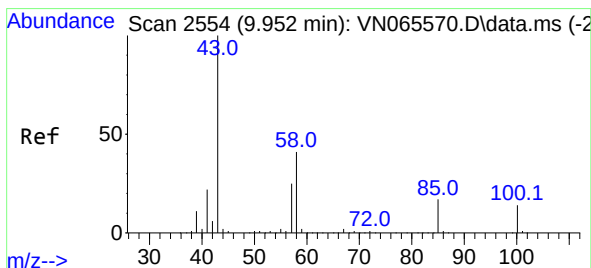
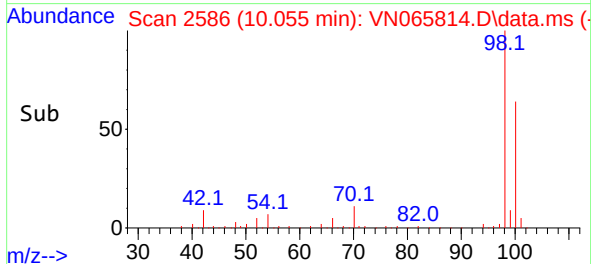
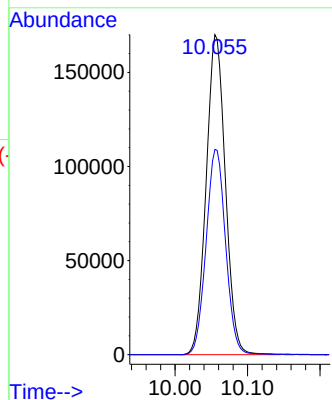
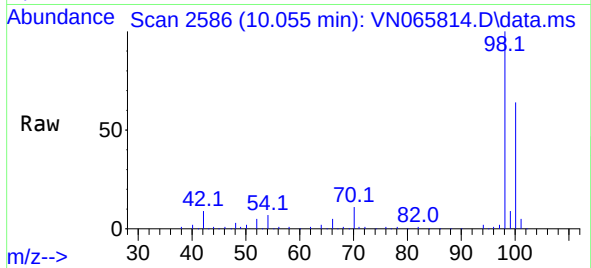




#50
Toluene-d8
Concen: 53.50 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

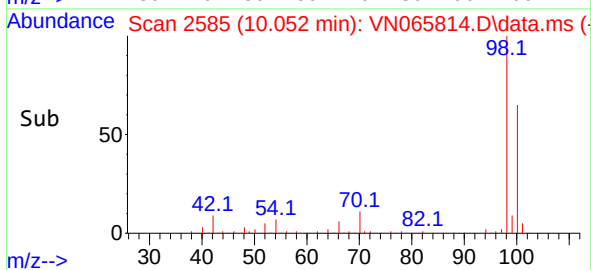
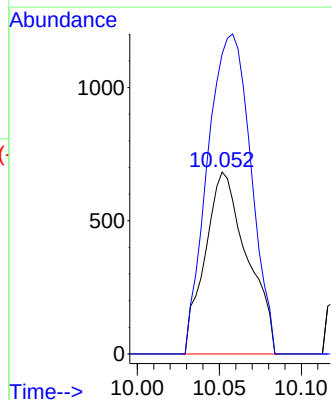
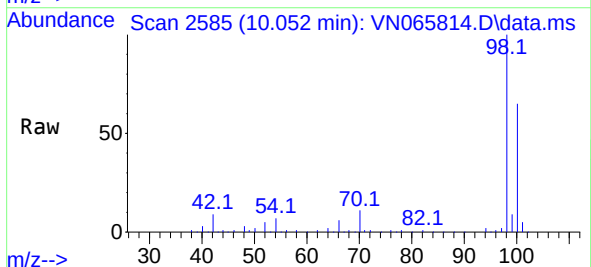
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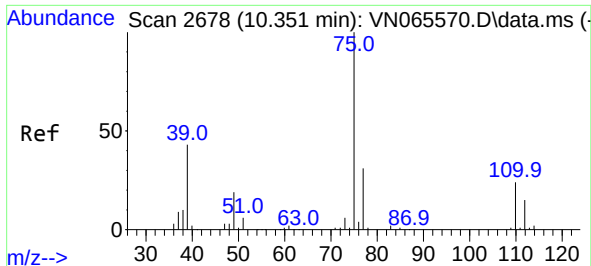
Tgt Ion: 98 Resp: 312417
Ion Ratio Lower Upper
98 100
100 65.2 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 10.052 min Scan# 2585
Delta R.T. 0.100 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

Tgt Ion: 43 Resp: 1220
Ion Ratio Lower Upper
43 100
58 180.8 32.5 48.7#

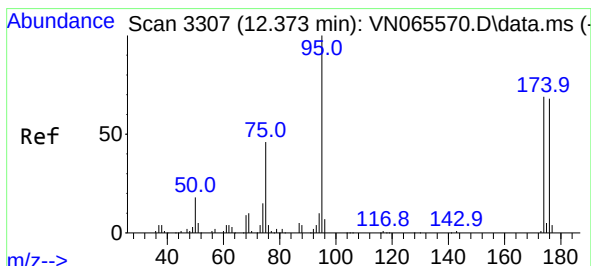
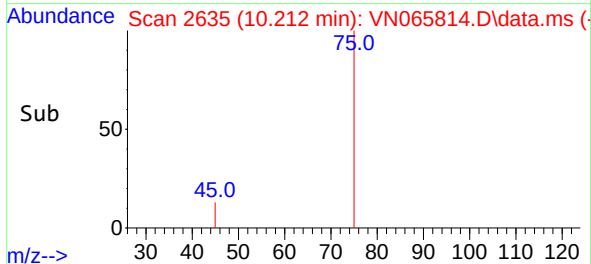
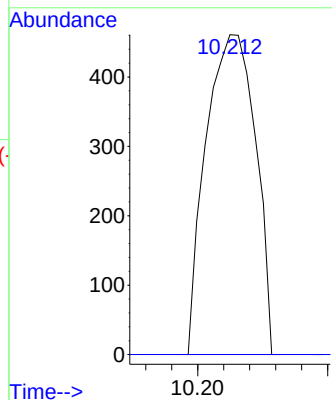
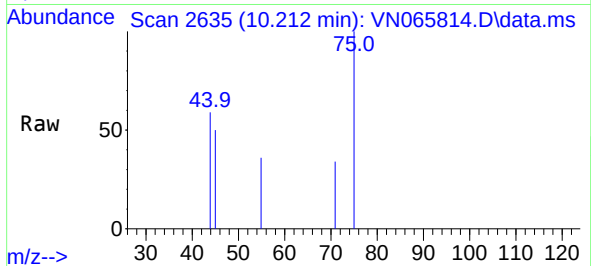




#53
t-1,3-Dichloropropene
Concen: 0.21 ug/l
RT: 10.212 min Scan# 2635
Delta R.T. -0.139 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

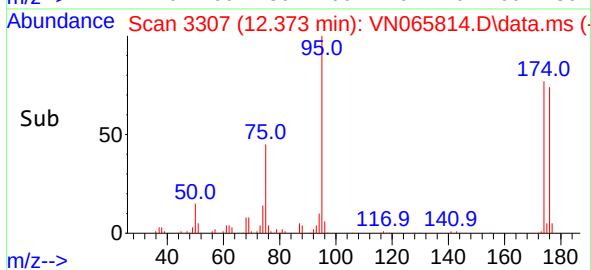
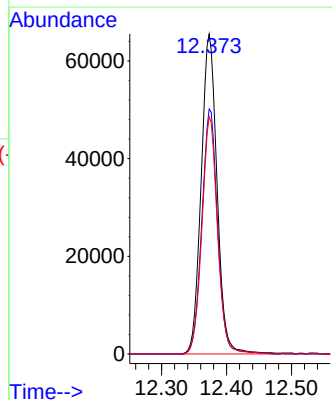
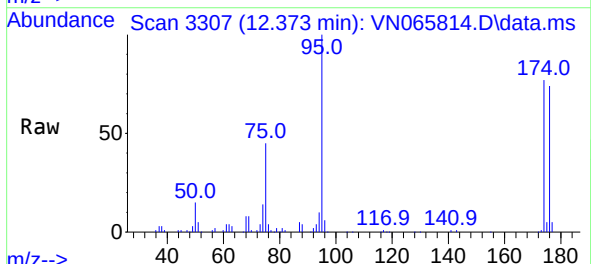
Instrument :
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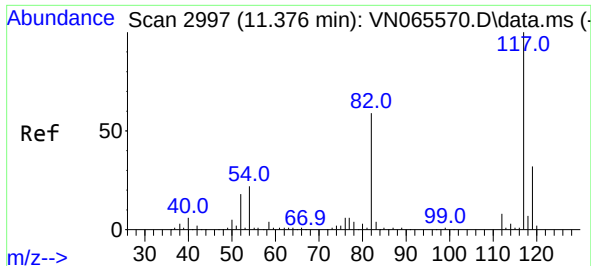
Tgt Ion: 75 Resp: 610
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.4#



#62
4-Bromofluorobenzene
Concen: 53.12 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

Tgt Ion: 95 Resp: 111702
Ion Ratio Lower Upper
95 100
174 76.1 0.0 169.0
176 72.5 0.0 162.4

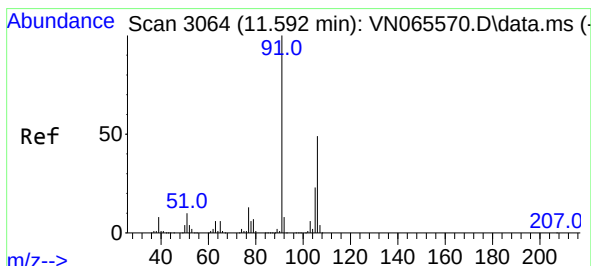
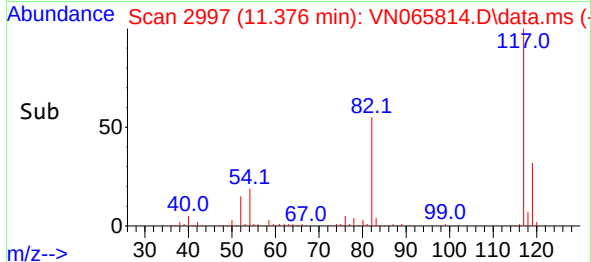
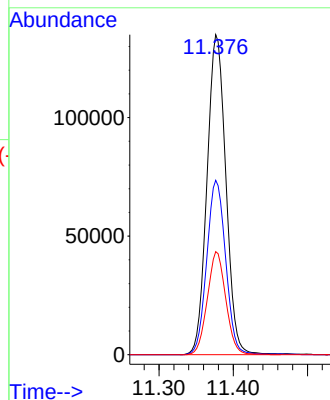
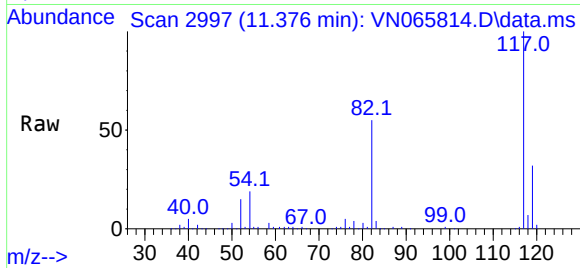




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

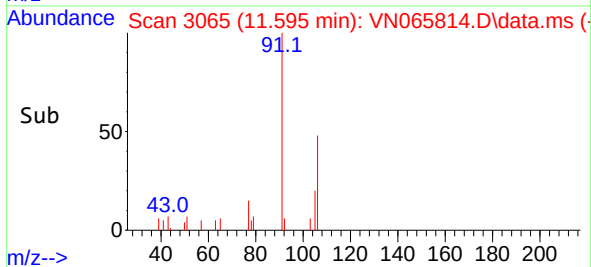
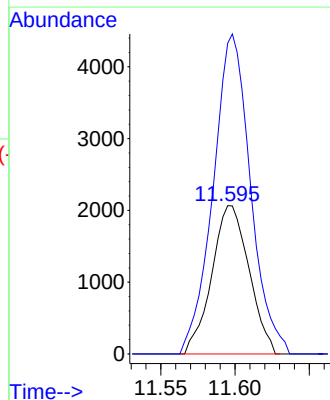
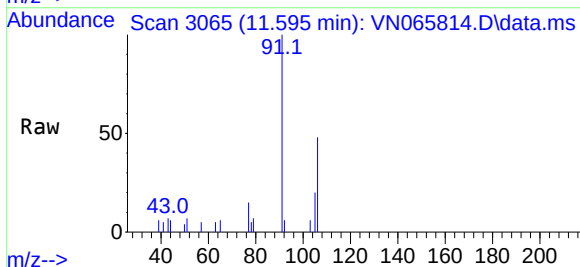
Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-10-SOIL

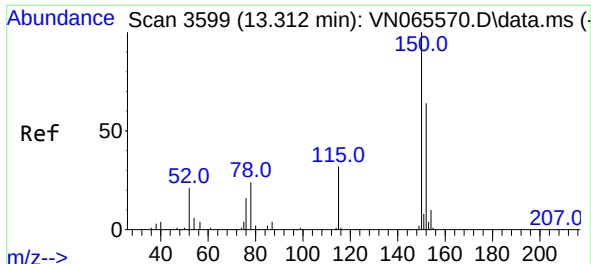
Tgt Ion:117 Resp: 238071
Ion Ratio Lower Upper
117 100
82 54.5 43.7 65.5
119 32.2 26.1 39.1



#68
m/p-Xylenes
Concen: 1.06 ug/l
RT: 11.595 min Scan# 3065
Delta R.T. 0.003 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

Tgt Ion:106 Resp: 3603
Ion Ratio Lower Upper
106 100
91 216.3 161.4 242.0

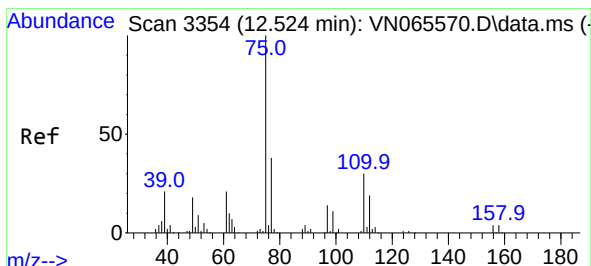
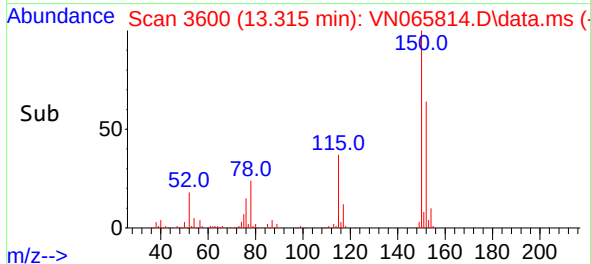
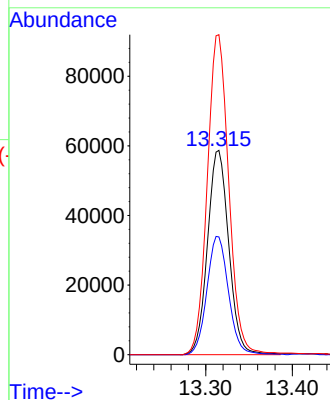
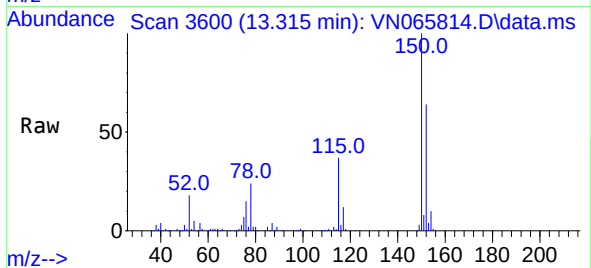




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

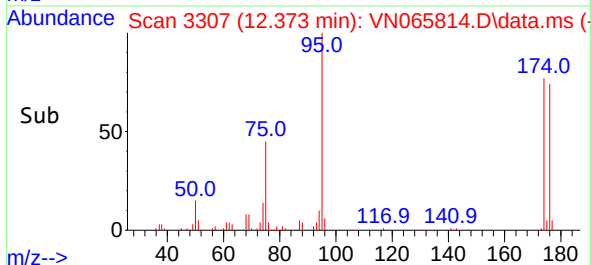
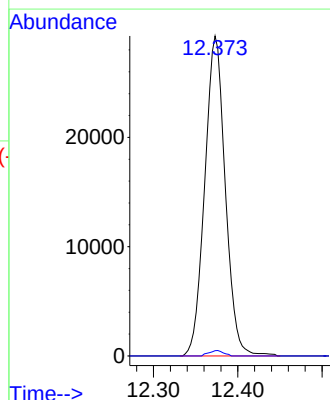
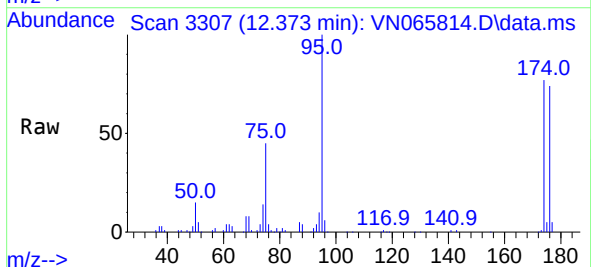
Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-10-SOIL

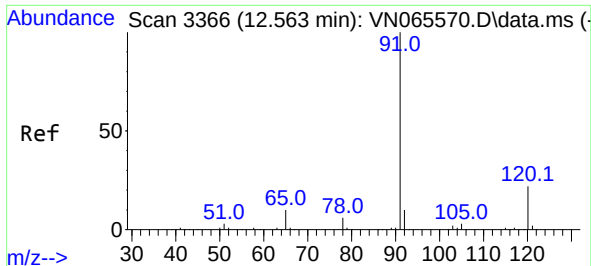
Tgt Ion:152 Resp: 100311
Ion Ratio Lower Upper
152 100
115 58.7 28.5 85.6
150 158.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 18.96 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

Tgt Ion: 75 Resp: 49732
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

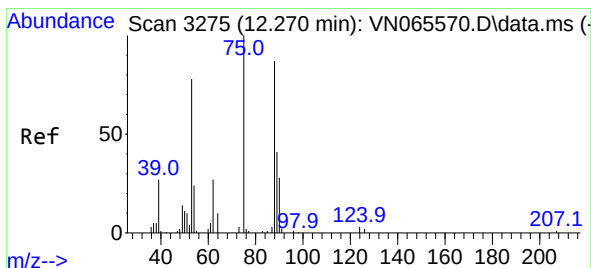
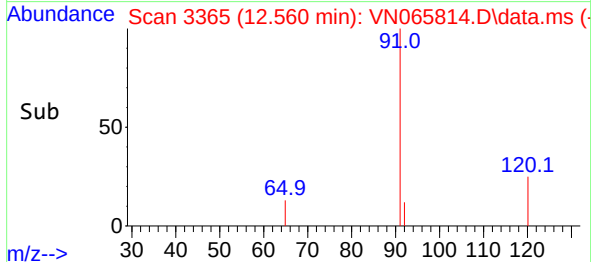
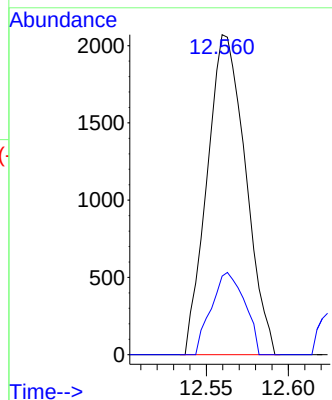
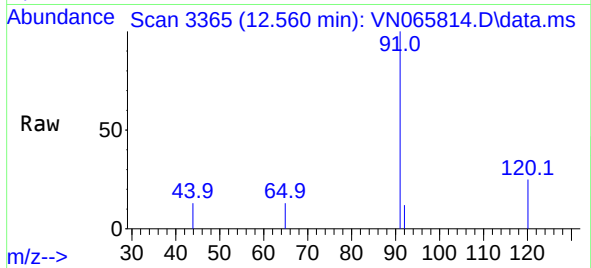




#78
n-propylbenzene
Concen: 0.33 ug/l
RT: 12.560 min Scan# 3365
Delta R.T. -0.003 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

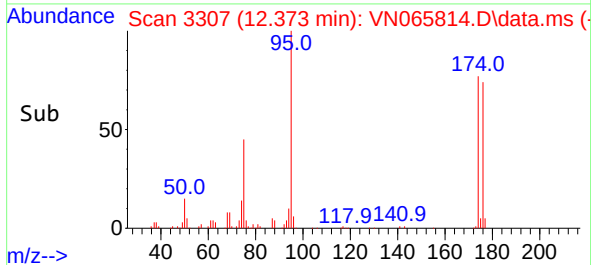
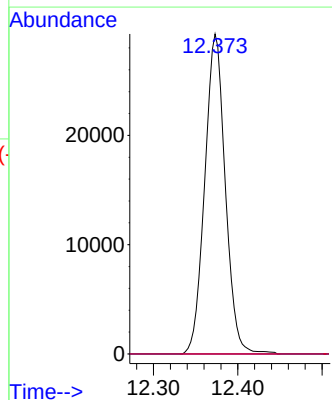
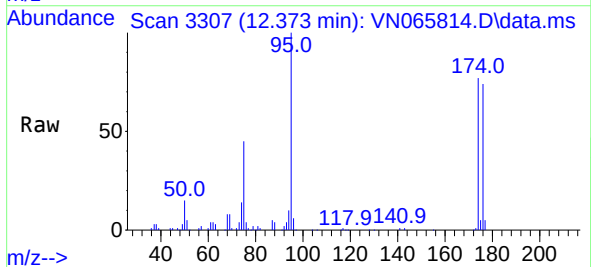
Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-10-SOIL

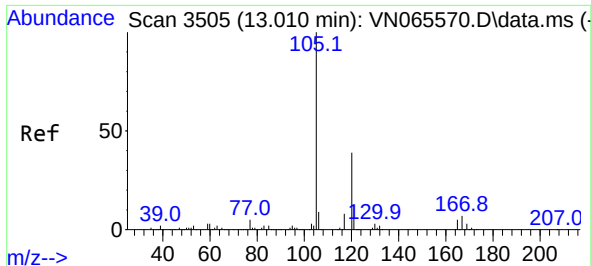
Tgt Ion: 91 Resp: 3366
Ion Ratio Lower Upper
91 100
120 22.3 11.8 35.3



#81
trans-1,4-Dichloro-2-butene
Concen: 48.56 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

Tgt Ion: 75 Resp: 49732
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

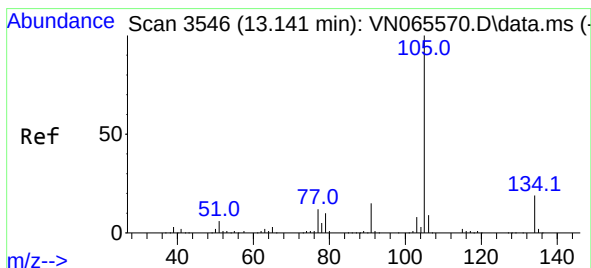
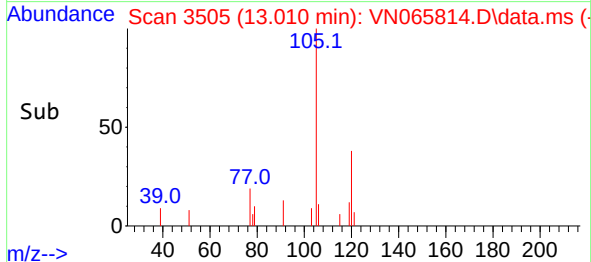
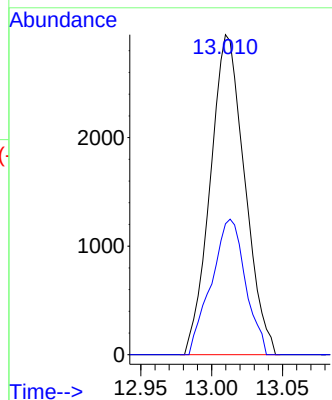
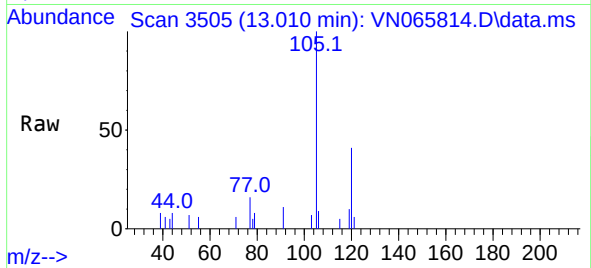




#84
1,2,4-Trimethylbenzene
Concen: 0.67 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

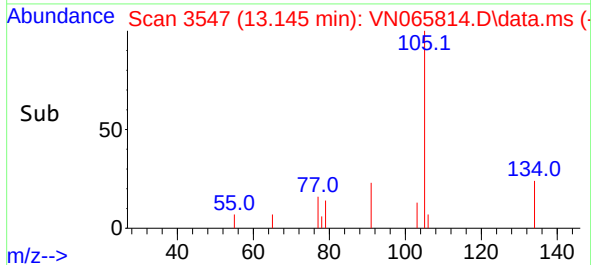
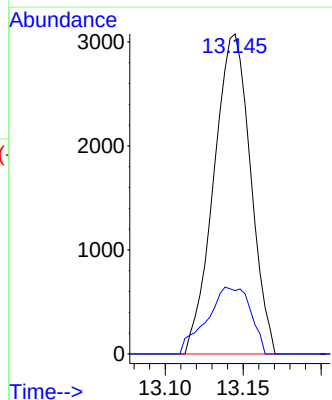
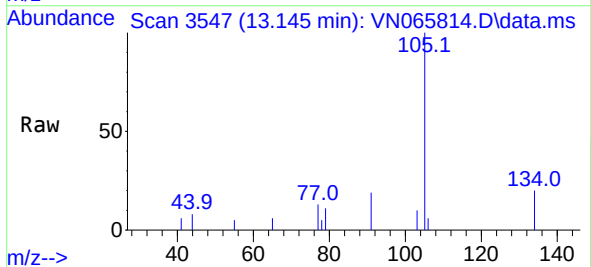
Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-10-SOIL

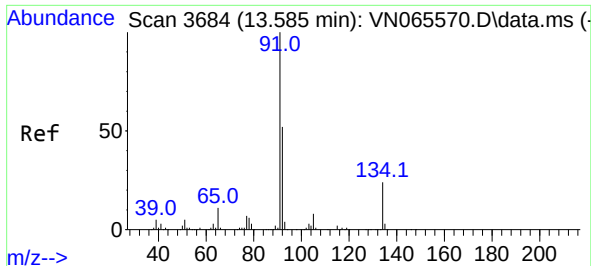
Tgt Ion:105 Resp: 4975
Ion Ratio Lower Upper
105 100
120 41.9 22.4 67.0



#85
sec-Butylbenzene
Concen: 0.60 ug/l
RT: 13.145 min Scan# 3547
Delta R.T. 0.004 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

Tgt Ion:105 Resp: 5028
Ion Ratio Lower Upper
105 100
134 24.8 10.0 30.0

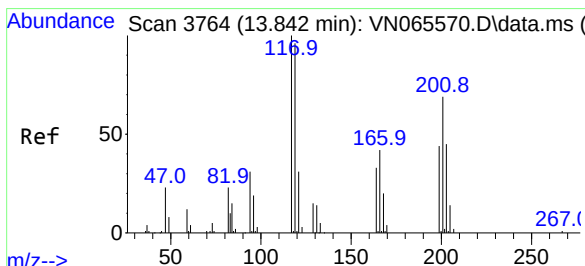
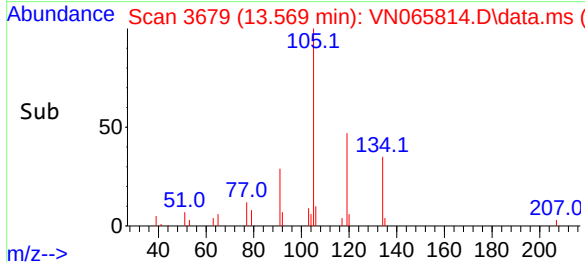
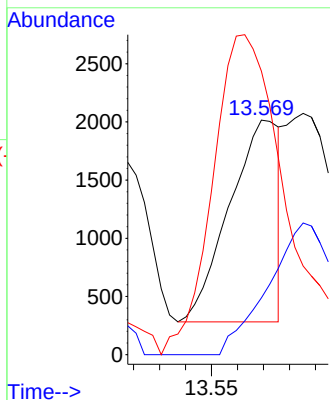
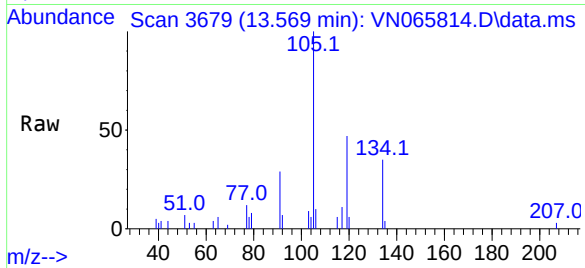




#89
n-Butylbenzene
Concen: 0.35 ug/l
RT: 13.569 min Scan# 3679
Delta R.T. -0.016 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

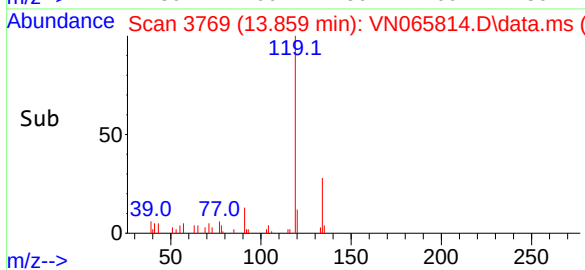
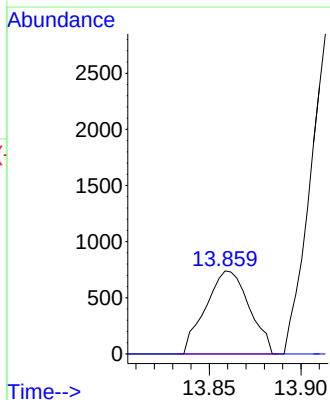
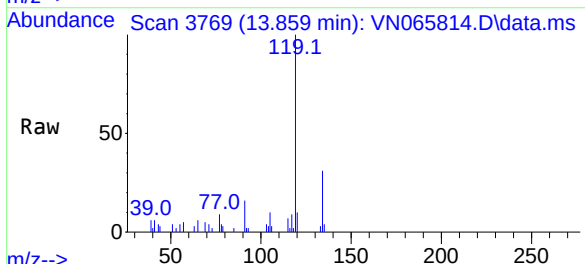
Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-10-SOIL

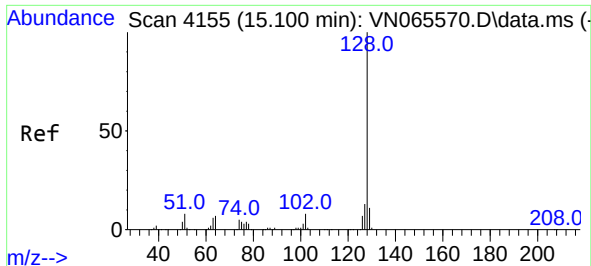
Tgt Ion: 91 Resp: 2304
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 234.6 13.0 38.9#



#90
Hexachloroethane
Concen: 0.94 ug/l
RT: 13.859 min Scan# 3769
Delta R.T. 0.017 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

Tgt Ion: 117 Resp: 1220
Ion Ratio Lower Upper
117 100
201 0.0 37.8 113.3#

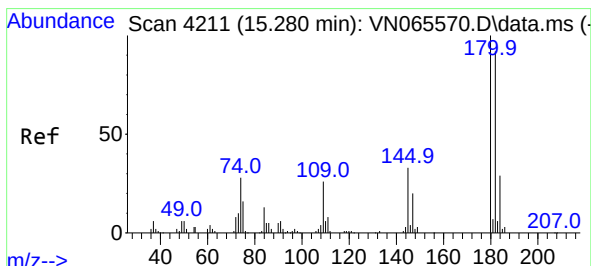
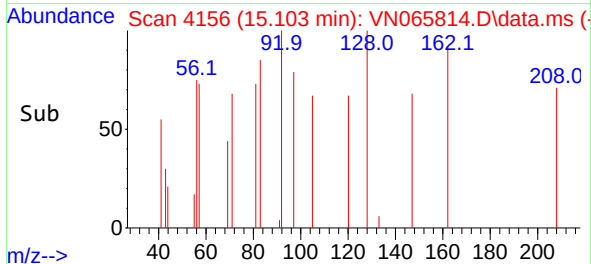
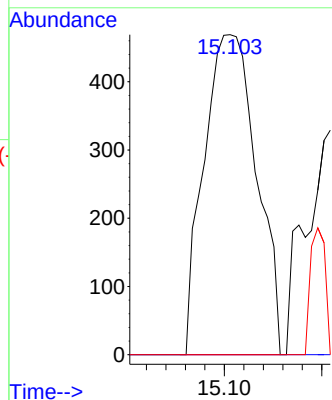
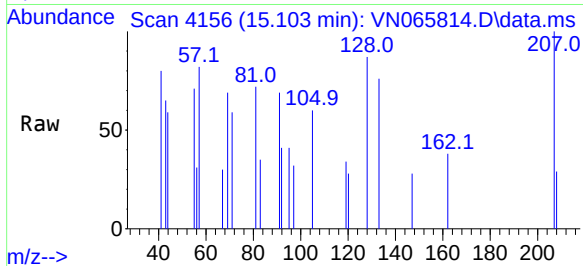




#95
Naphthalene
Concen: 3.58 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.003 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-10-SOIL

Tgt Ion:128 Resp: 881
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.89 ug/l
RT: 15.277 min Scan# 4210
Delta R.T. -0.003 min
Lab File: VN065814.D
Acq: 11 Feb 2021 14:48

Tgt Ion:180 Resp: 96
Ion Ratio Lower Upper
180 100
182 0.0 47.4 142.3#
145 1250.0 16.5 49.5#

