

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020521\
 Data File : VN065739.D
 Acq On : 5 Feb 2021 15:42
 Operator : JC/MD
 Sample : PB134474TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134474TB

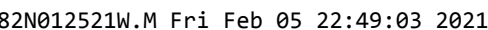
Quant Time: Feb 05 22:48:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

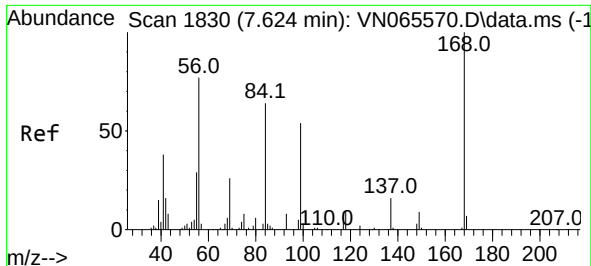
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.624	168	186414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	315840	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	279712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	103388	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	110649	45.12	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.24%		
35) Dibromofluoromethane	7.547	113	91394	48.83	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.66%		
50) Toluene-d8	10.058	98	399419	54.29	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	108.58%		
62) 4-Bromofluorobenzene	12.373	95	129800	48.99	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.98%		
Target Compounds					Qvalue	
16) Acetone	3.779	43	12576	13.17	ug/l	97
20) Methylene Chloride	4.496	84	9749	3.69	ug/l	99
25) 2-Butanone	6.807	43	1818	1.21	ug/l	94
31) Cyclohexane	7.627	56	3423	0.74	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	14378	4.52	ug/l #	47
38) Carbon Tetrachloride	7.624	117	17297	6.61	ug/l #	15
43) Isopropyl Acetate	8.129	43	15263	2.82	ug/l #	92
45) 1,2-Dichloropropane	9.238	63	897	0.34	ug/l #	44
48) Methyl methacrylate	9.148	41	4147	1.62	ug/l #	10
51) 4-Methyl-2-Pentanone	9.952	43	3897	1.31	ug/l	92
54) cis-1,3-Dichloropropene	9.872	75	29302	7.14	ug/l #	56
57) 1,3-Dichloropropane	10.733	76	16635	4.31	ug/l #	43
59) 2-Hexanone	10.733	43	218209	105.45	ug/l #	51
74) N-amyl acetate	11.849	43	12552	3.28	ug/l #	49
76) 1,2,3-Trichloropropane	12.373	75	58740	21.73	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.704	105	3499	0.45	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	58740	55.65	ug/l #	12
95) Naphthalene	15.113	128	171	3.48	ug/l #	69

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

Quant Time: Feb 05 22:48:53 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

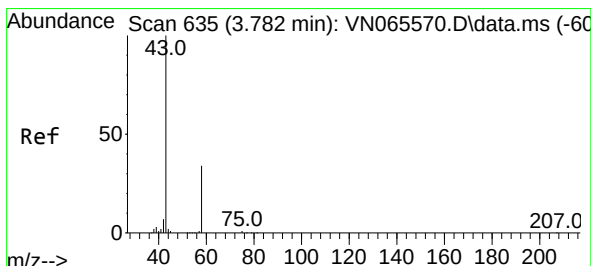
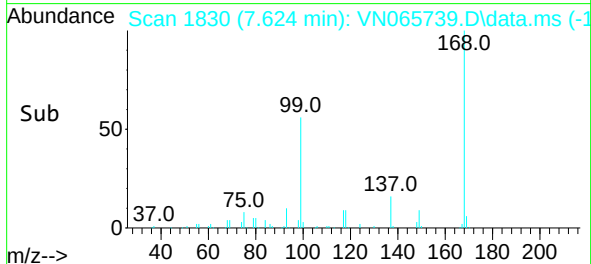
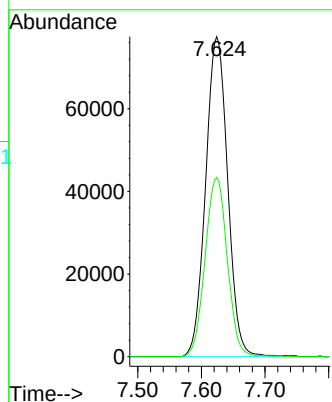
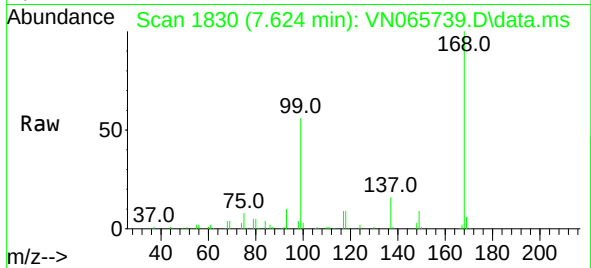




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065739.D
Acq: 5 Feb 2021 15:42

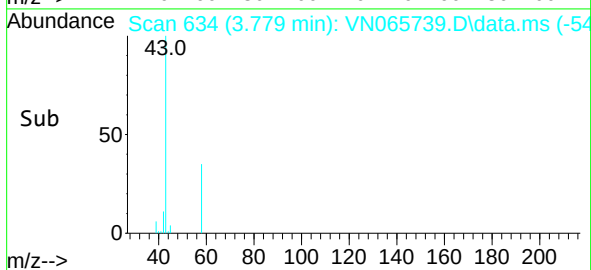
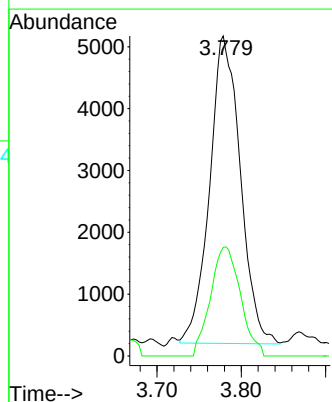
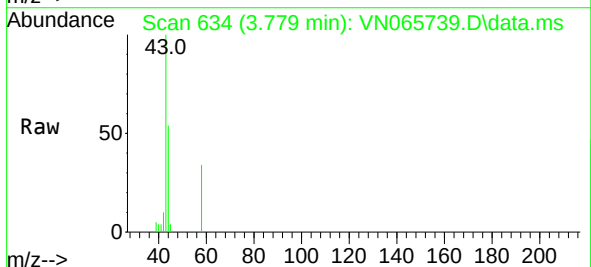
Instrument :
MSVOA_N
ClientSampleId :
PB134474TB

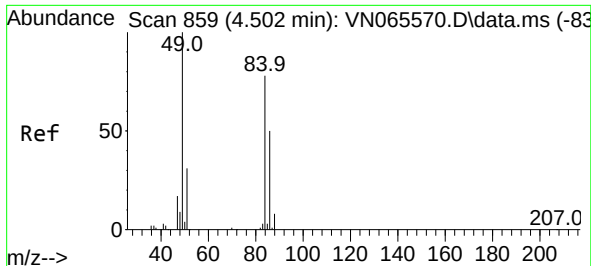
Tgt Ion:168 Resp: 186414
Ion Ratio Lower Upper
168 100
99 56.1 42.6 63.8



#16
Acetone
Concen: 13.17 ug/l
RT: 3.779 min Scan# 634
Delta R.T. -0.003 min
Lab File: VN065739.D
Acq: 5 Feb 2021 15:42

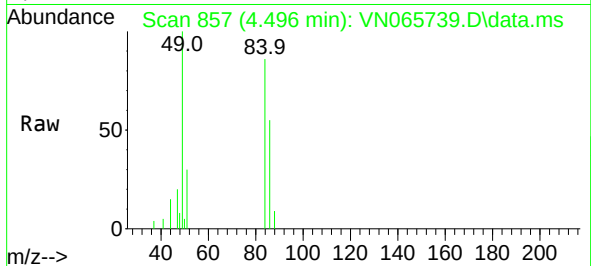
Tgt Ion: 43 Resp: 12576
Ion Ratio Lower Upper
43 100
58 35.4 27.0 40.6



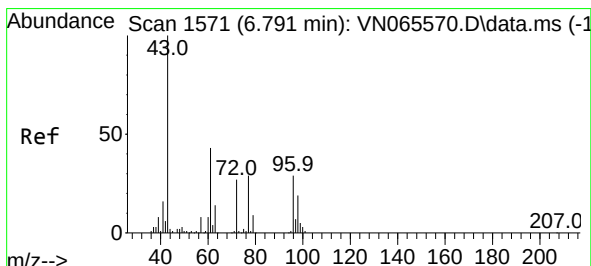
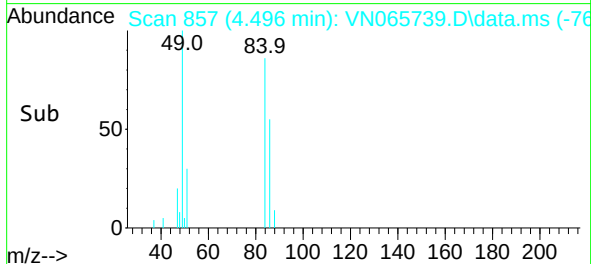
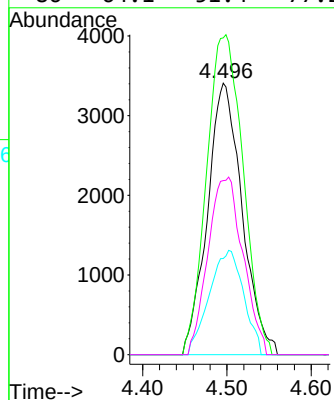


#20
Methylene Chloride
Concen: 3.69 ug/l
RT: 4.496 min Scan# 857
Delta R.T. -0.006 min
Lab File: VN065739.D
Acq: 5 Feb 2021 15:42

Instrument :
MSVOA_N
ClientSampleId :
PB134474TB

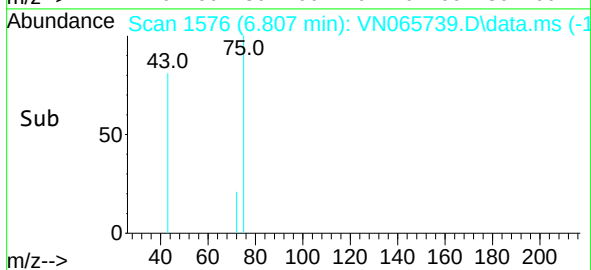
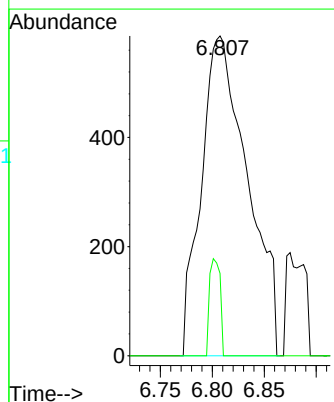
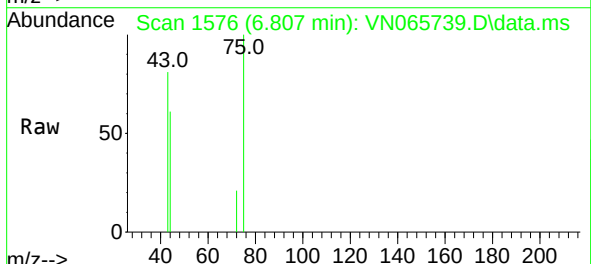


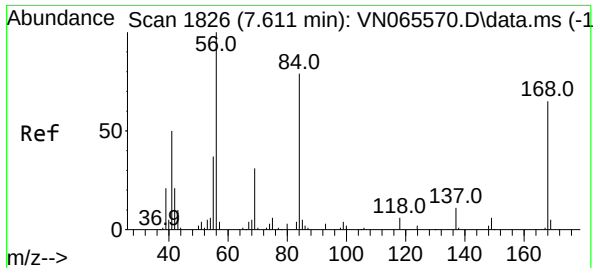
Tgt Ion:	84	Resp:	9749
Ion	Ratio	Lower	Upper
84	100		
49	116.7	94.6	141.8
51	35.4	29.9	44.9
86	64.1	51.4	77.2



#25
2-Butanone
Concen: 1.21 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. 0.016 min
Lab File: VN065739.D
Acq: 5 Feb 2021 15:42

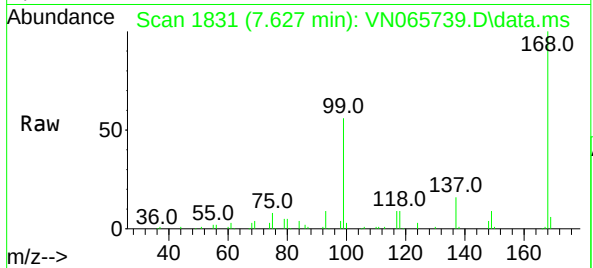
Tgt Ion:	43	Resp:	1818
Ion	Ratio	Lower	Upper
43	100		
72	25.8	23.1	34.7



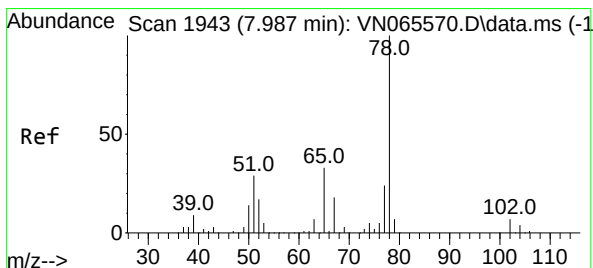
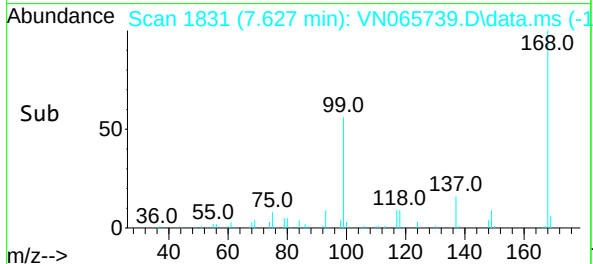
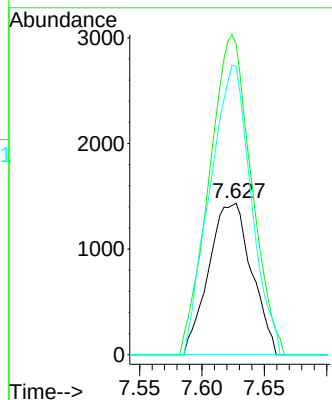


#31
Cyclohexane
Concen: 0.74 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065739.D
Acq: 5 Feb 2021 15:42

Instrument :
MSVOA_N
ClientSampled :
PB134474TB

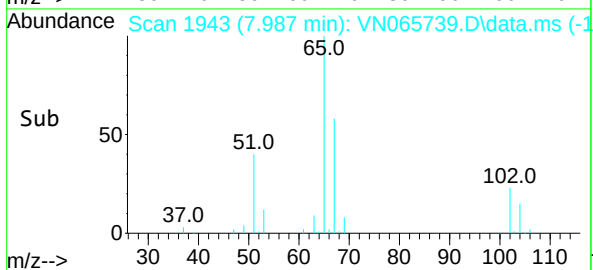
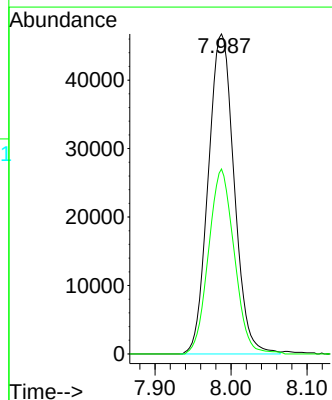
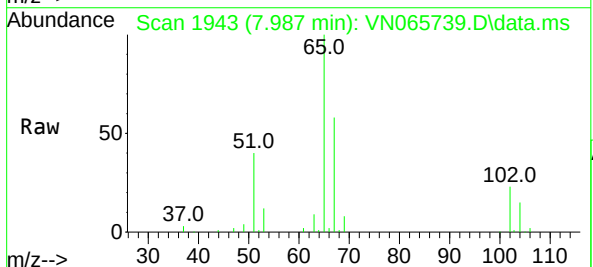


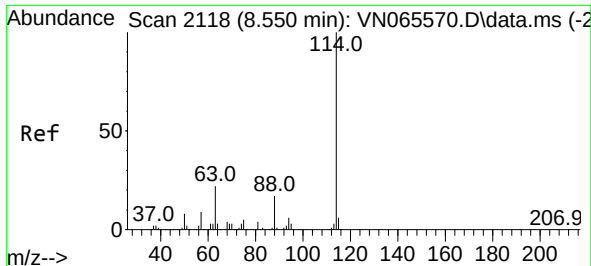
Tgt Ion: 56 Resp: 3423
Ion Ratio Lower Upper
56 100
69 205.4 26.6 39.8#
84 190.2 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 45.12 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065739.D
Acq: 5 Feb 2021 15:42

Tgt Ion: 65 Resp: 110649
Ion Ratio Lower Upper
65 100
67 57.4 0.0 107.2



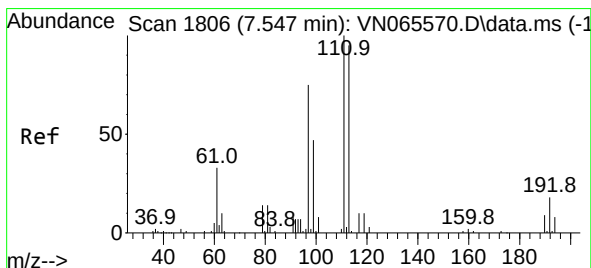
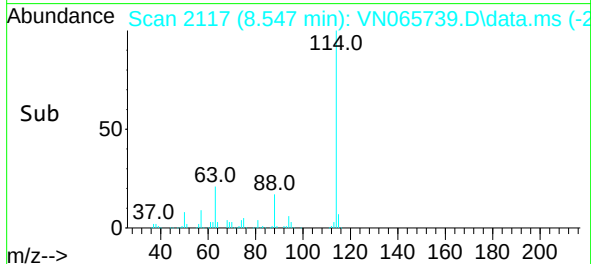
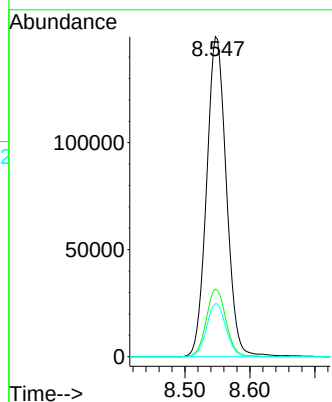
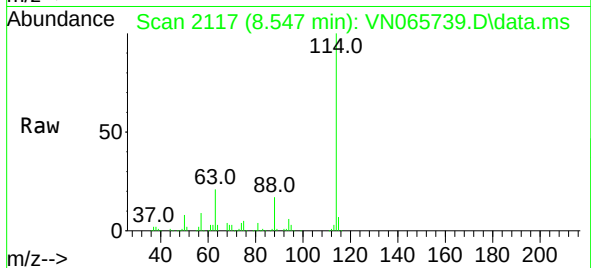


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065739.D
Acq: 5 Feb 2021 15:42

Instrument :
MSVOA_N
ClientSampleId :
PB134474TB

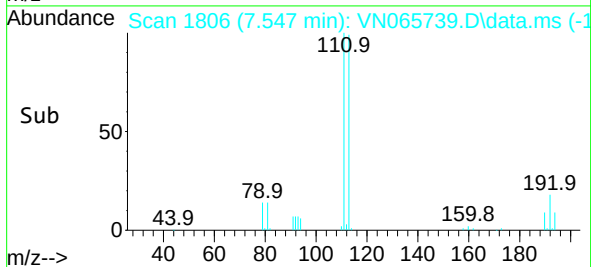
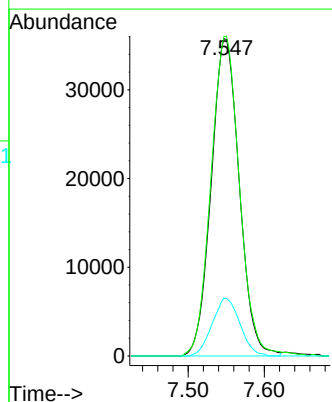
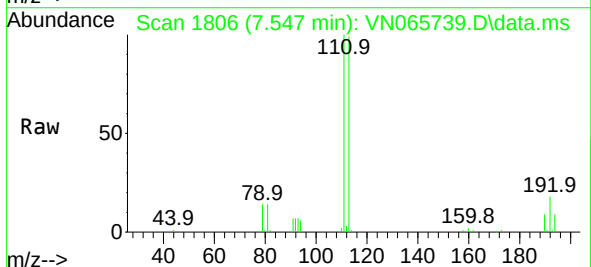
Tgt Ion:114 Resp: 315840
Ion Ratio Lower Upper
114 100
63 21.1 0.0 38.6
88 16.6 0.0 30.6

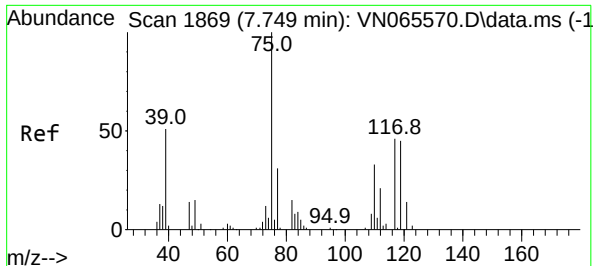


#35

Dibromofluoromethane
Concen: 48.83 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065739.D
Acq: 5 Feb 2021 15:42

Tgt Ion:113 Resp: 91394
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 18.0 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.52 ug/l

RT: 7.621 min Scan# 1829

Delta R.T. -0.128 min

Lab File: VN065739.D

Acq: 5 Feb 2021 15:42

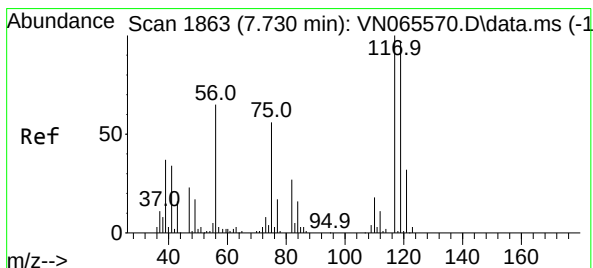
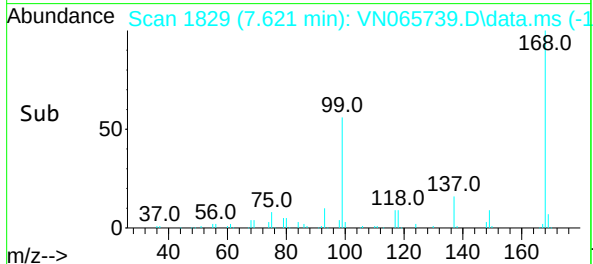
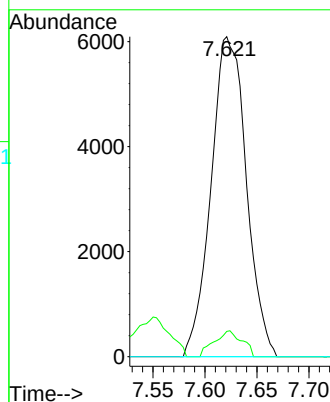
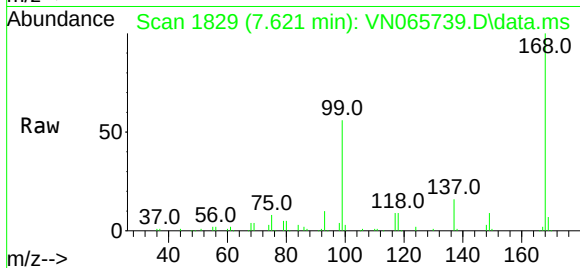
Tgt Ion: 75 Resp: 14378

Ion Ratio Lower Upper

75 100

110 6.4 18.2 54.6#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.61 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. -0.106 min

Lab File: VN065739.D

Acq: 5 Feb 2021 15:42

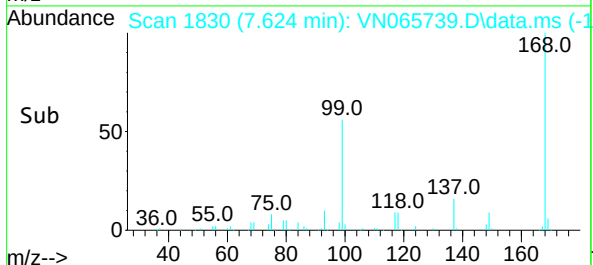
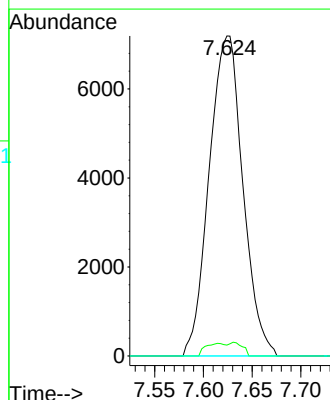
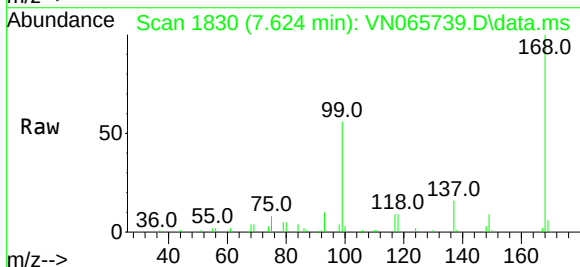
Tgt Ion: 117 Resp: 17297

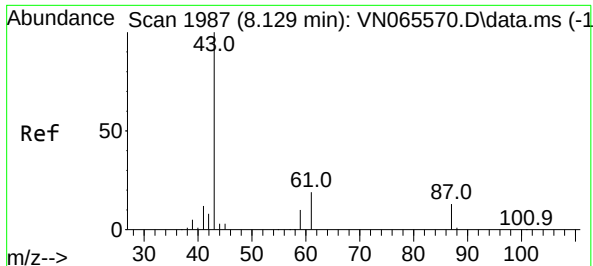
Ion Ratio Lower Upper

117 100

119 3.4 76.0 114.0#

121 0.0 24.5 36.7#

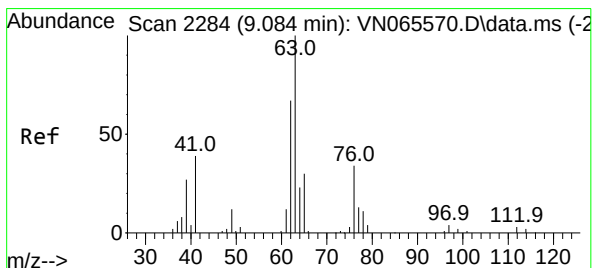
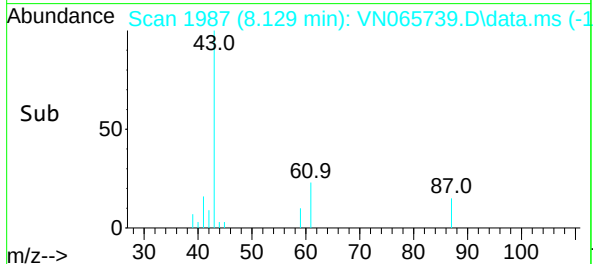
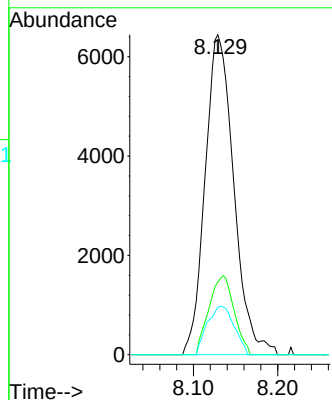
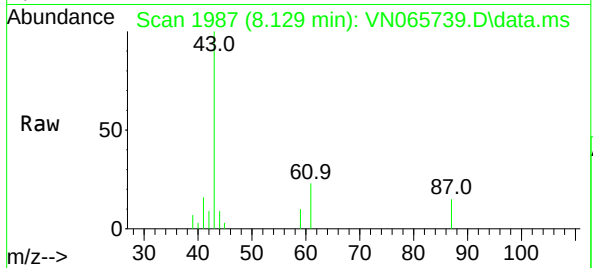




#43
Isopropyl Acetate
Concen: 2.82 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.000 min
Lab File: VN065739.D
Acq: 5 Feb 2021 15:42

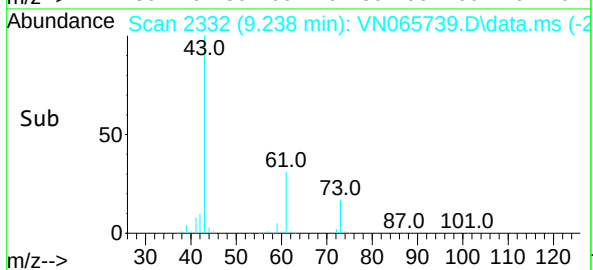
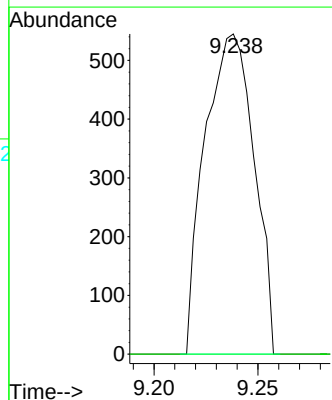
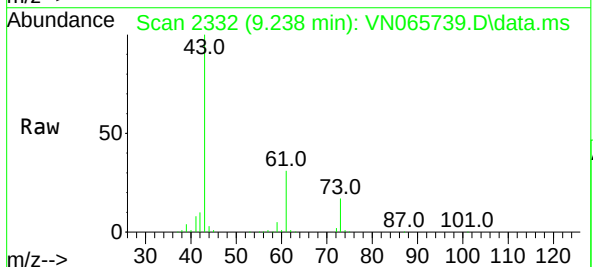
Instrument :
MSVOA_N
ClientSampleId :
PB134474TB

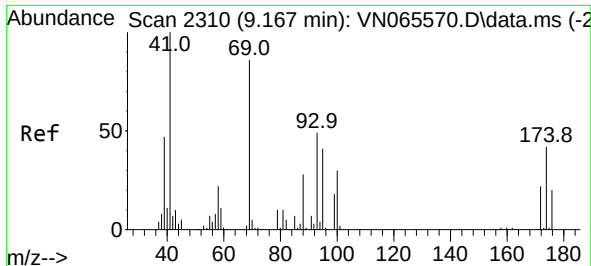
Tgt Ion: 43 Resp: 15263
Ion Ratio Lower Upper
43 100
61 21.6 22.5 33.7#
87 14.2 11.1 16.7



#45
1,2-Dichloropropane
Concen: 0.34 ug/l
RT: 9.238 min Scan# 2332
Delta R.T. 0.154 min
Lab File: VN065739.D
Acq: 5 Feb 2021 15:42

Tgt Ion: 63 Resp: 897
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

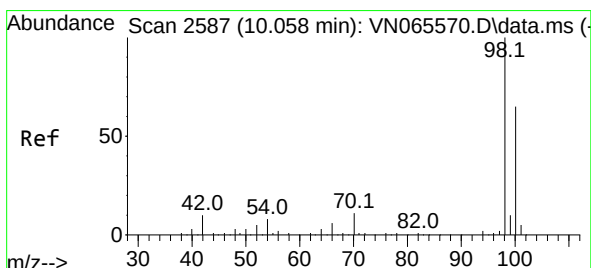
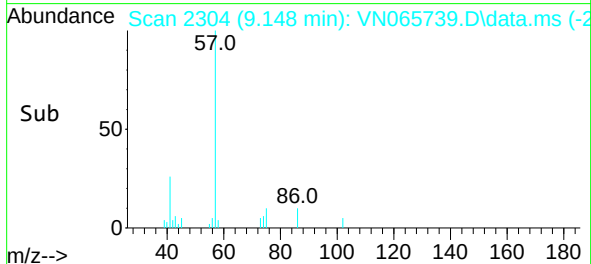
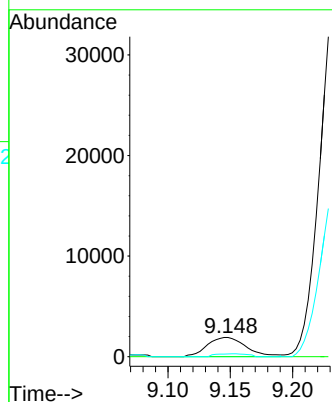
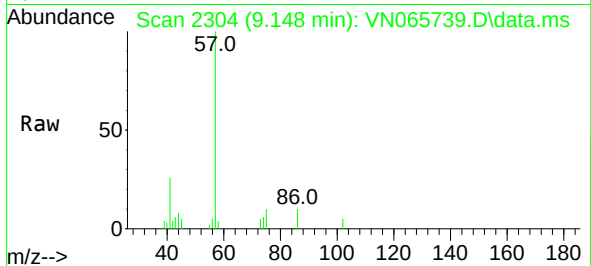




#48
Methyl methacrylate
Concen: 1.62 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065739.D
Acq: 5 Feb 2021 15:42

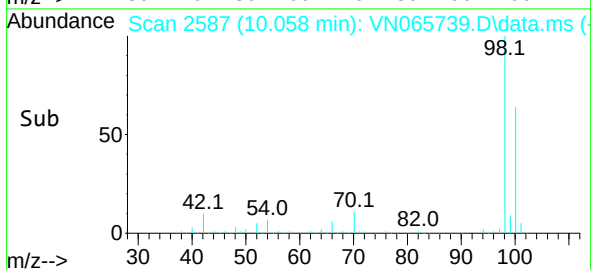
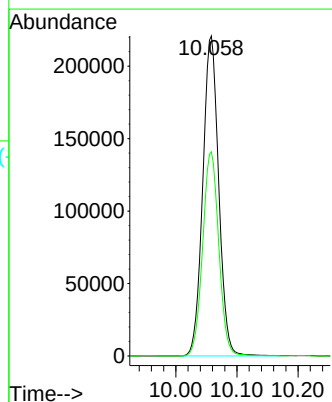
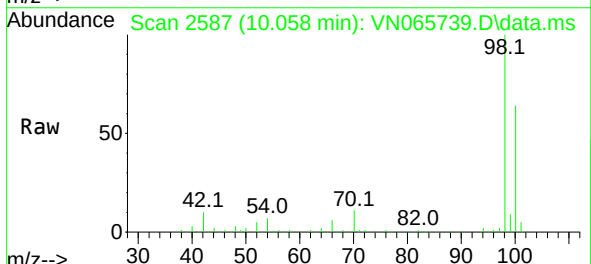
Instrument :
MSVOA_N
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PB134474TB

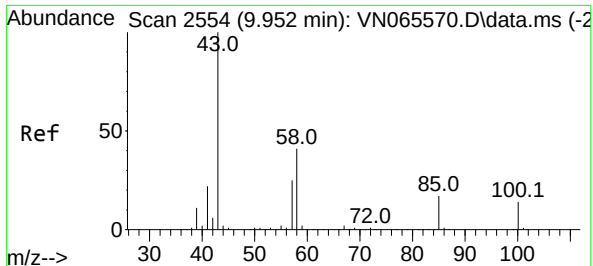
Tgt Ion: 41 Resp: 4147
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#50
Toluene-d8
Concen: 54.29 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065739.D
Acq: 5 Feb 2021 15:42

Tgt Ion: 98 Resp: 399419
Ion Ratio Lower Upper
98 100
100 64.5 50.5 75.7

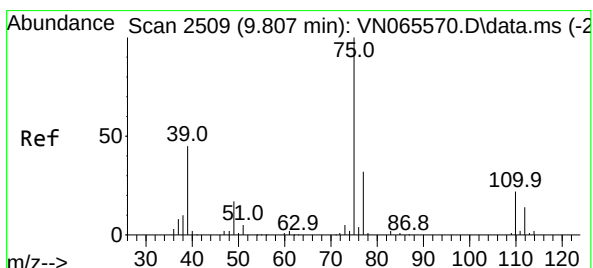
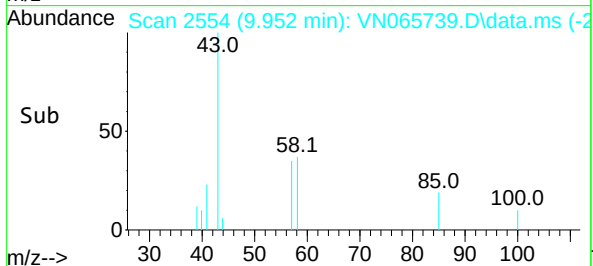
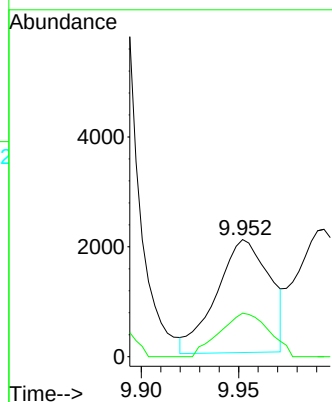
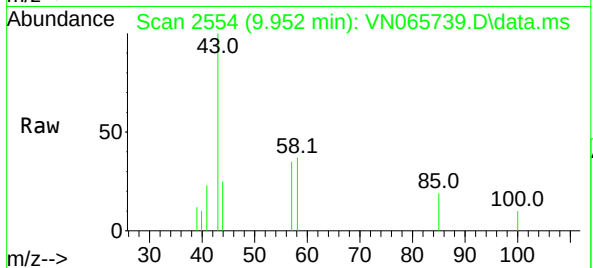




#51
4-Methyl-2-Pentanone
Concen: 1.31 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. -0.000 min
Lab File: VN065739.D
Acq: 5 Feb 2021 15:42

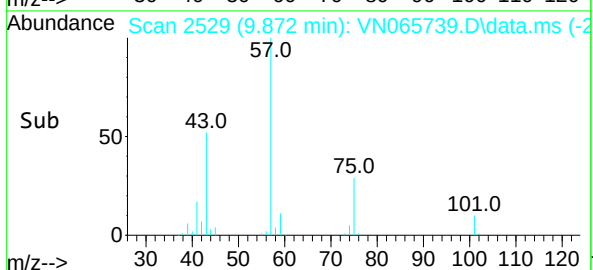
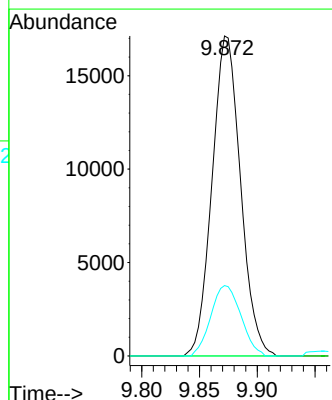
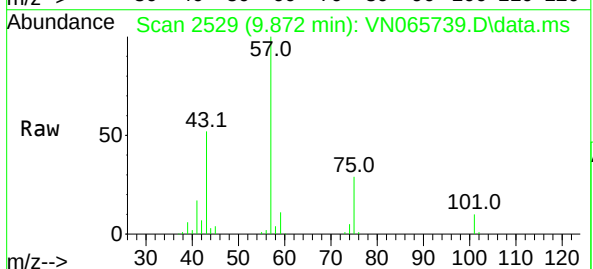
Instrument :
MSVOA_N
ClientSampleId :
PB134474TB

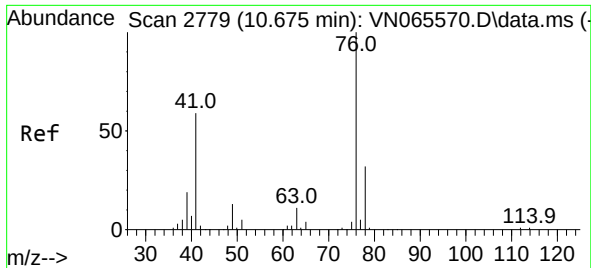
Tgt Ion: 43 Resp: 3897
Ion Ratio Lower Upper
43 100
58 35.8 32.5 48.7



#54
cis-1,3-Dichloropropene
Concen: 7.14 ug/l
RT: 9.872 min Scan# 2529
Delta R.T. 0.065 min
Lab File: VN065739.D
Acq: 5 Feb 2021 15:42

Tgt Ion: 75 Resp: 29302
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 22.0 36.2 54.4#

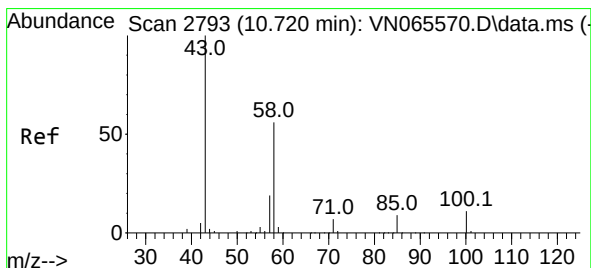
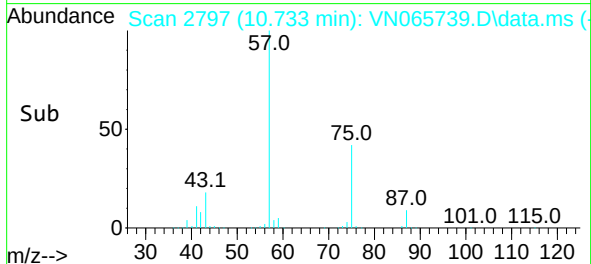
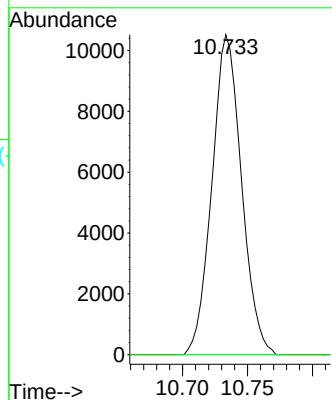
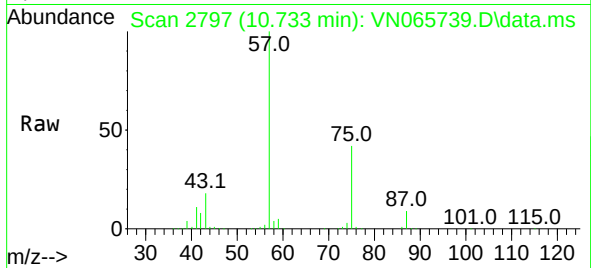




#57
1,3-Dichloropropane
Concen: 4.31 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.058 min
Lab File: VN065739.D
Acq: 5 Feb 2021 15:42

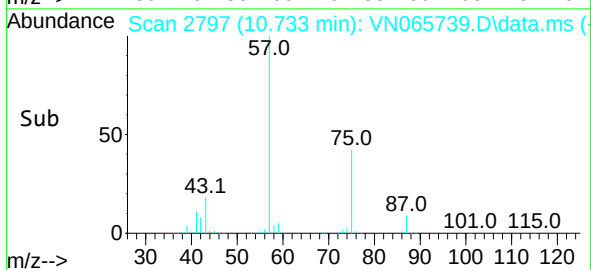
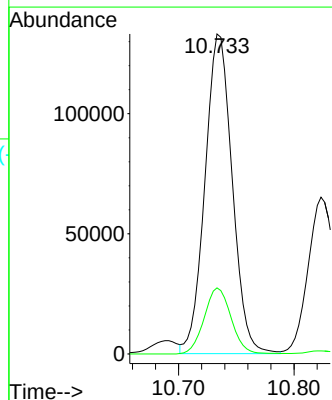
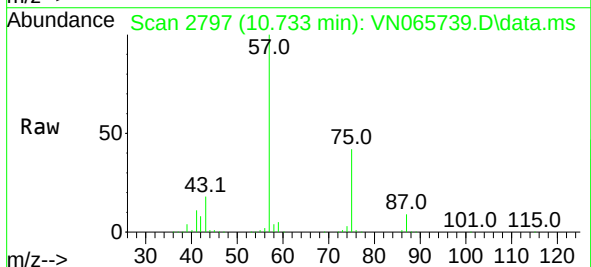
Instrument :
MSVOA_N
ClientSampled :
PB134474TB

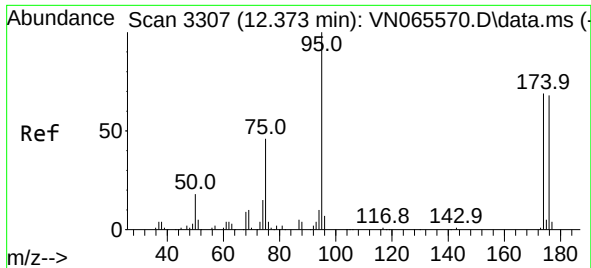
Tgt Ion: 76 Resp: 16635
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 105.45 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065739.D
Acq: 5 Feb 2021 15:42

Tgt Ion: 43 Resp: 218209
Ion Ratio Lower Upper
43 100
58 20.5 28.1 84.3#

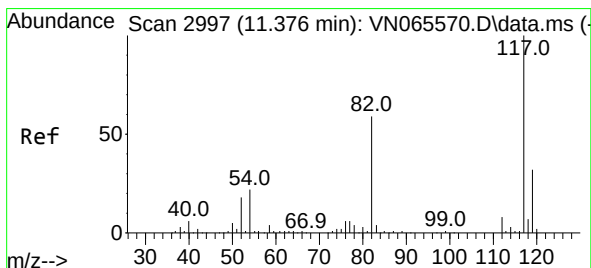
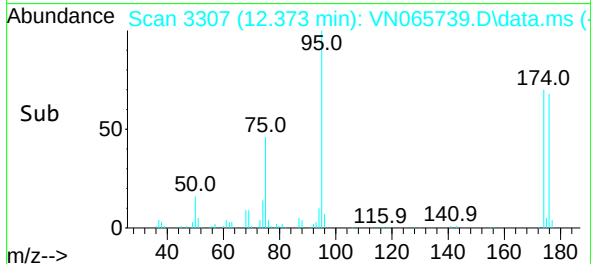
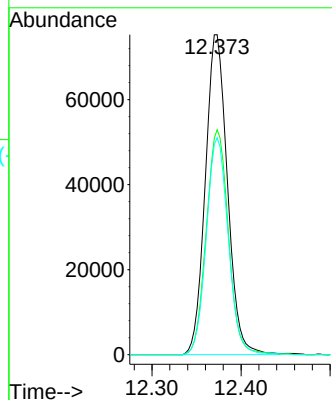
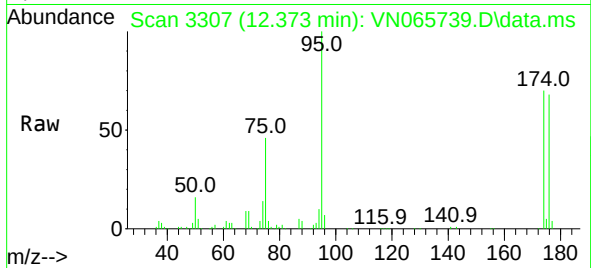




#62
4-Bromofluorobenzene
Concen: 48.99 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065739.D
Acq: 5 Feb 2021 15:42

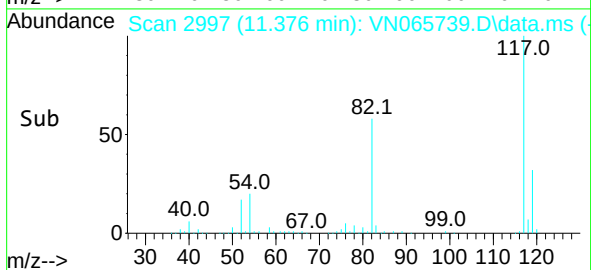
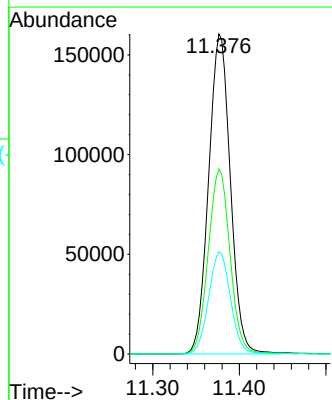
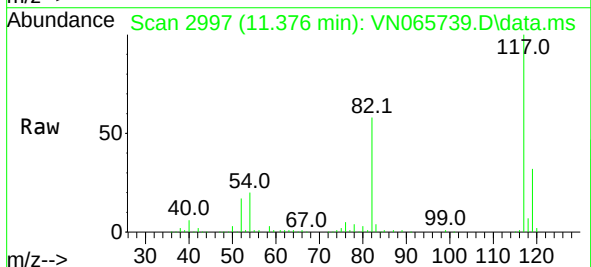
Instrument :
MSVOA_N
ClientSampleId :
PB134474TB

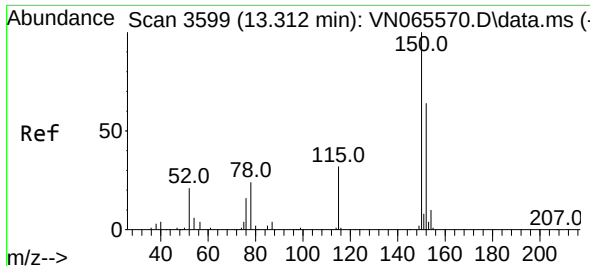
Tgt Ion: 95 Resp: 129800
Ion Ratio Lower Upper
95 100
174 70.2 0.0 169.0
176 67.4 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065739.D
Acq: 5 Feb 2021 15:42

Tgt Ion: 117 Resp: 279712
Ion Ratio Lower Upper
117 100
82 57.8 43.7 65.5
119 32.0 26.1 39.1

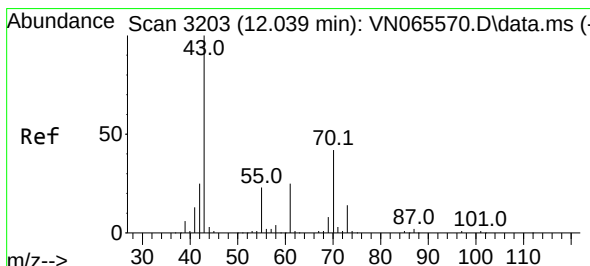
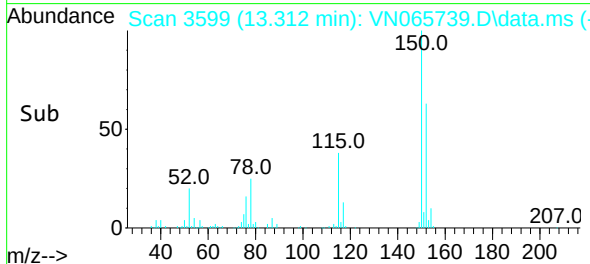
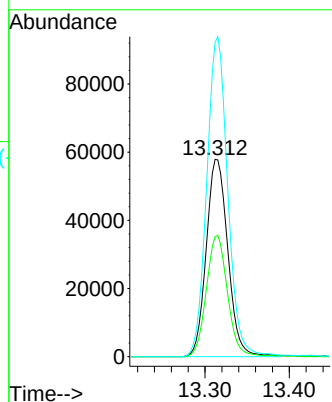
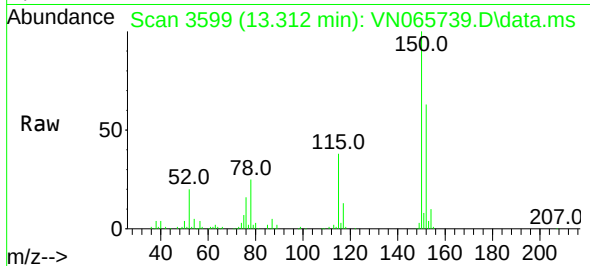




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. -0.000 min
Lab File: VN065739.D
Acq: 5 Feb 2021 15:42

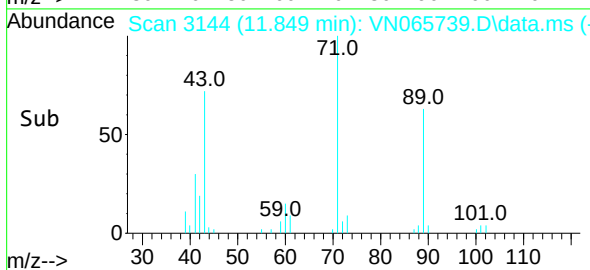
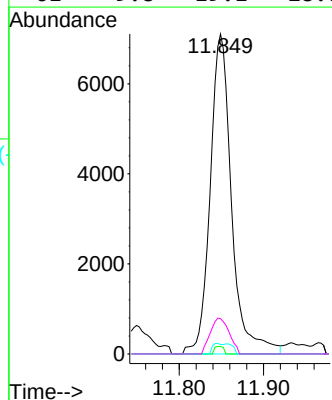
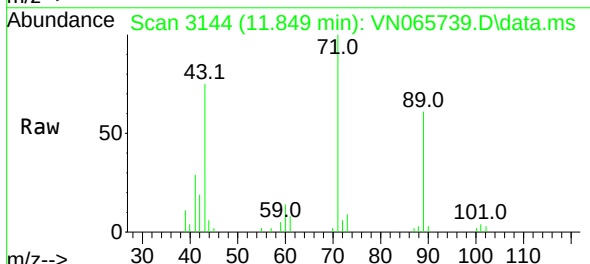
Instrument :
MSVOA_N
ClientSampleId :
PB134474TB

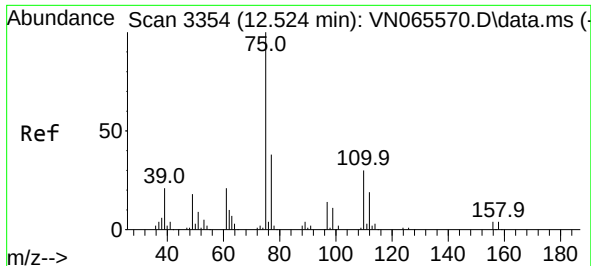
Tgt Ion:152 Resp: 103388
Ion Ratio Lower Upper
152 100
115 60.3 28.5 85.6
150 158.1 0.0 347.6



#74
N-ethyl acetate
Concen: 3.28 ug/l
RT: 11.849 min Scan# 3144
Delta R.T. -0.190 min
Lab File: VN065739.D
Acq: 5 Feb 2021 15:42

Tgt Ion: 43 Resp: 12552
Ion Ratio Lower Upper
43 100
70 1.0 34.4 51.6#
55 1.6 20.7 31.1#
61 9.8 19.1 28.7#

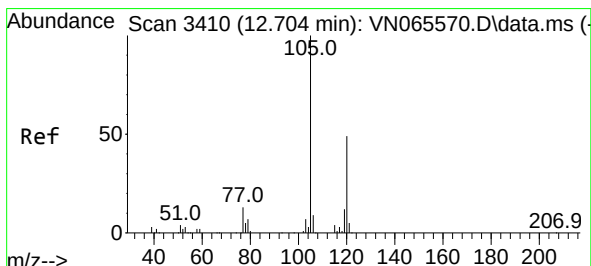
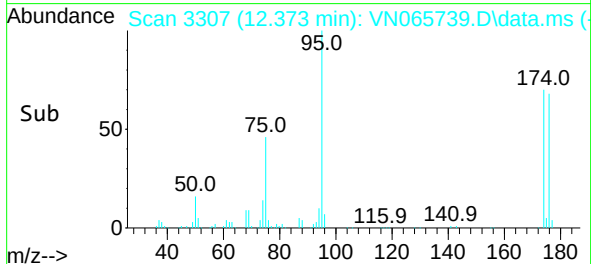
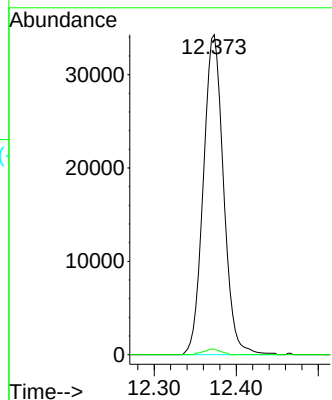
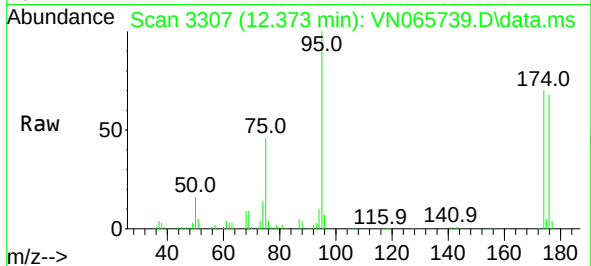




#76
1,2,3-Trichloropropane
Concen: 21.73 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065739.D
Acq: 5 Feb 2021 15:42

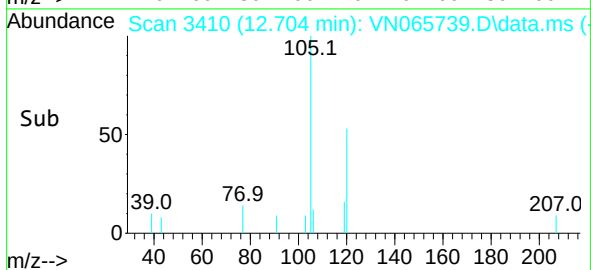
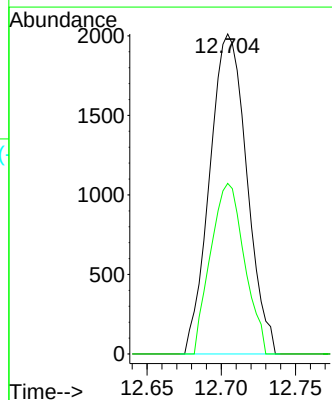
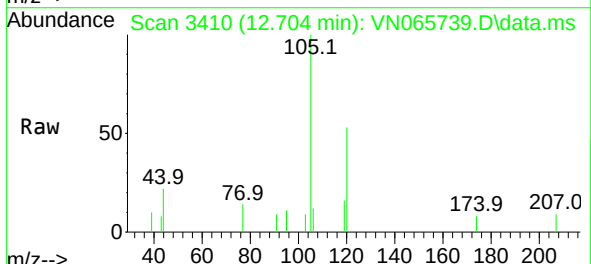
Instrument :
MSVOA_N
ClientSampleId :
PB134474TB

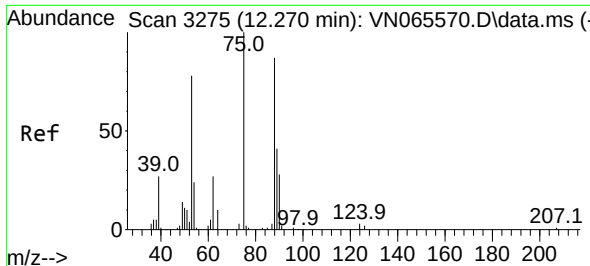
Tgt Ion: 75 Resp: 58740
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.45 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065739.D
Acq: 5 Feb 2021 15:42

Tgt Ion:105 Resp: 3499
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8

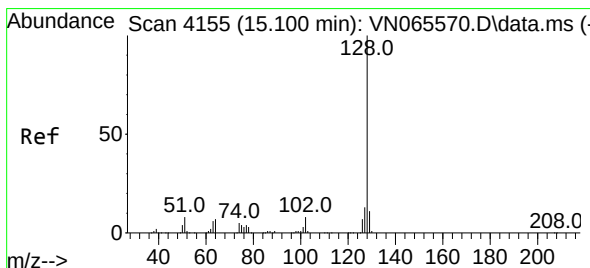
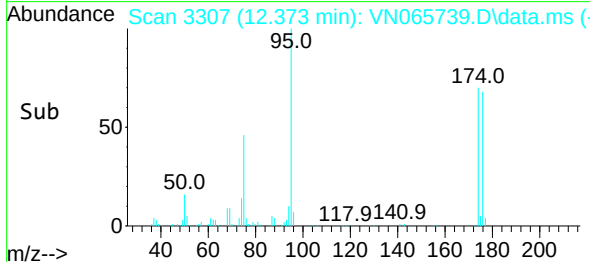
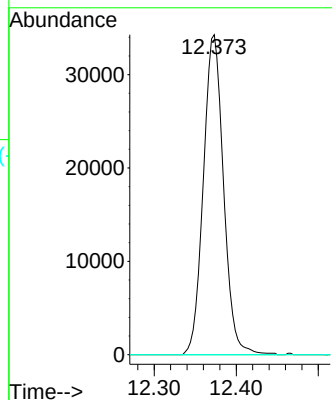
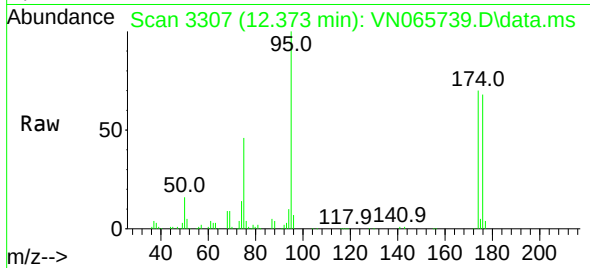




#81
trans-1,4-Dichloro-2-butene
Concen: 55.65 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065739.D
Acq: 5 Feb 2021 15:42

Instrument :
MSVOA_N
ClientSampleId :
PB134474TB

Tgt Ion: 75 Resp: 58740
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#95
Naphthalene
Concen: 3.48 ug/l
RT: 15.113 min Scan# 4159
Delta R.T. 0.013 min
Lab File: VN065739.D
Acq: 5 Feb 2021 15:42

Tgt Ion:128 Resp: 171
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

