

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020821\
 Data File : VN065762.D
 Acq On : 8 Feb 2021 18:04
 Operator : JC/MD
 Sample : PB134480ZHE#01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 09 00:42:27 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)

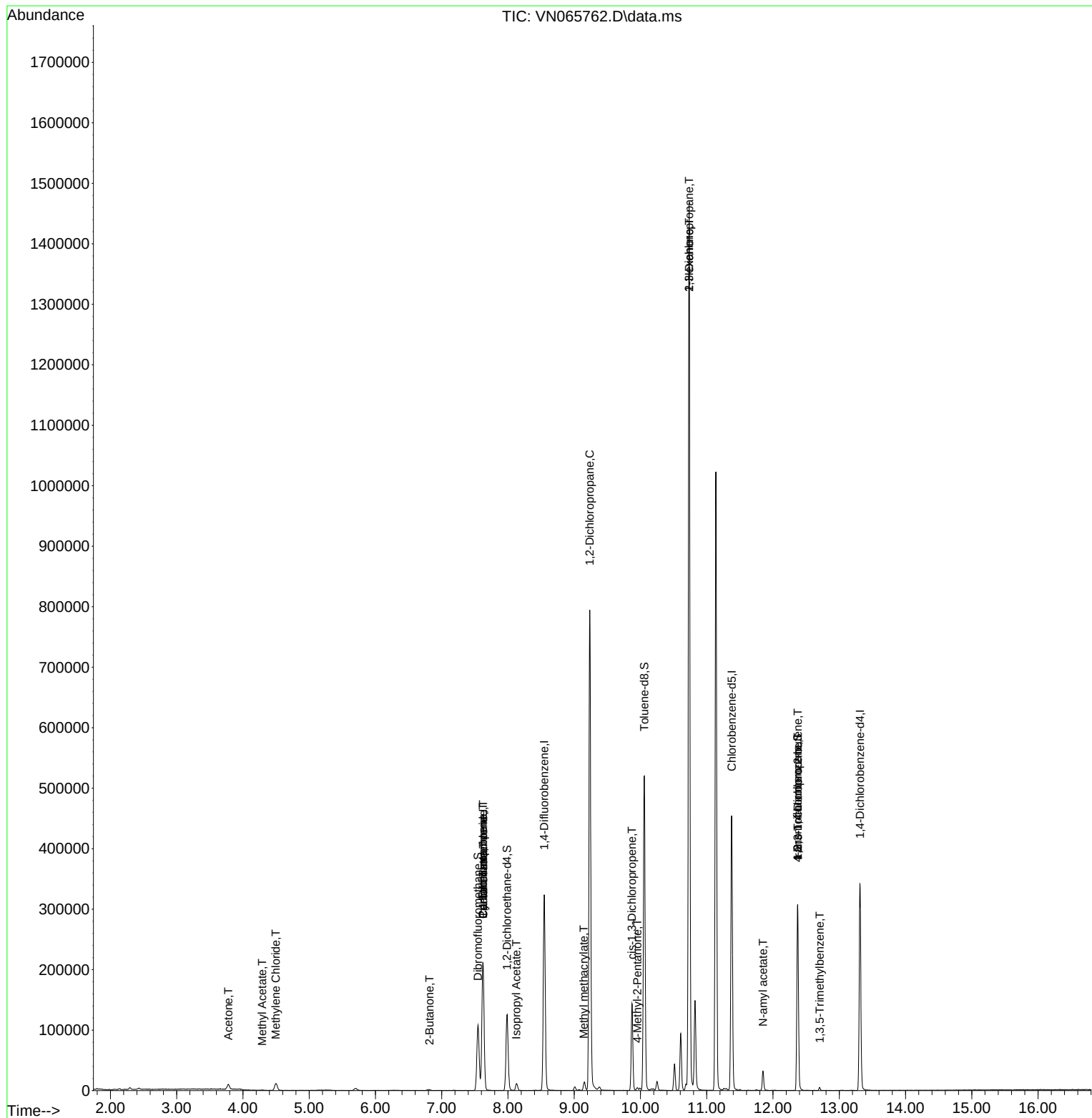
Internal Standards						
1) Pentafluorobenzene	7.624	168	180586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	302726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	274393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	101851	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	103555	43.59	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.18%		
35) Dibromofluoromethane	7.547	113	87922	49.01	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.02%		
50) Toluene-d8	10.058	98	382015	54.17	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	108.34%		
62) 4-Bromofluorobenzene	12.370	95	124748	49.13	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.26%		
Target Compounds						
					Qvalue	
16) Acetone	3.779	43	13397	14.49	ug/l	99
18) Methyl Acetate	4.290	43	629	0.24	ug/l #	51
20) Methylene Chloride	4.496	84	9165	3.58	ug/l	96
25) 2-Butanone	6.817	43	1639	1.13	ug/l #	46
31) Cyclohexane	7.624	56	3185	0.71	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	13229	4.34	ug/l #	47
38) Carbon Tetrachloride	7.624	117	16789	6.69	ug/l #	17
43) Isopropyl Acetate	8.126	43	13651	2.63	ug/l #	92
45) 1,2-Dichloropropane	9.235	63	896	0.35	ug/l #	44
48) Methyl methacrylate	9.145	41	3291	1.34	ug/l #	10
51) 4-Methyl-2-Pentanone	9.952	43	3861	1.35	ug/l #	84
54) cis-1,3-Dichloropropene	9.872	75	29422	7.48	ug/l #	55
57) 1,3-Dichloropropane	10.733	76	15789	4.27	ug/l #	43
59) 2-Hexanone	10.733	43	201015	101.35	ug/l #	51
74) N-amyl acetate	11.849	43	10180	2.70	ug/l #	50
76) 1,2,3-Trichloropropane	12.373	75	55859	20.97	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.704	105	3664	0.48	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.373	75	55859	53.72	ug/l #	12

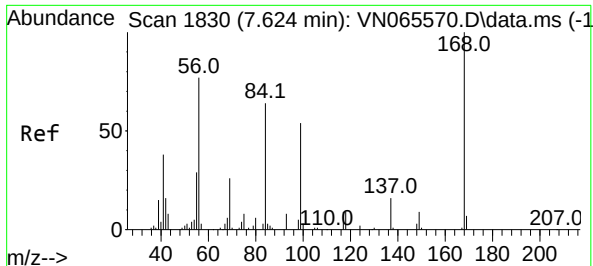
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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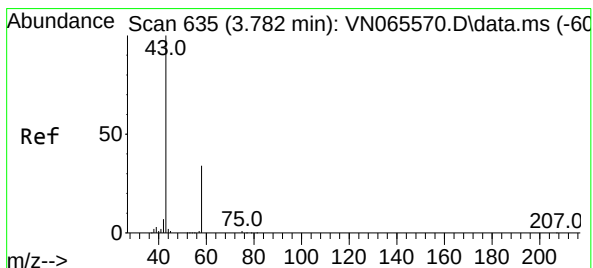
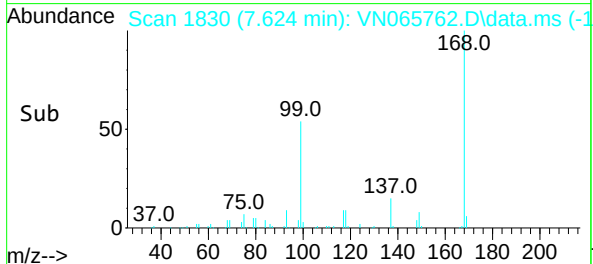
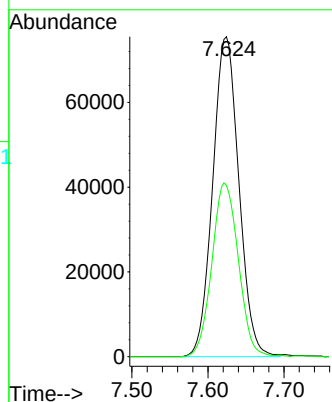
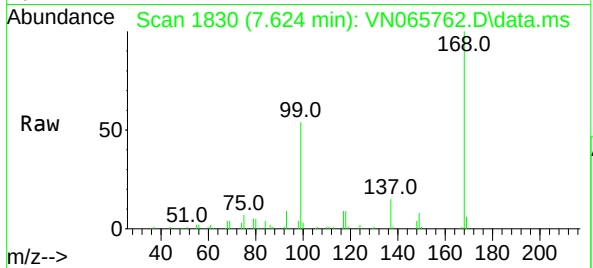




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065762.D
Acq: 8 Feb 2021 18:04

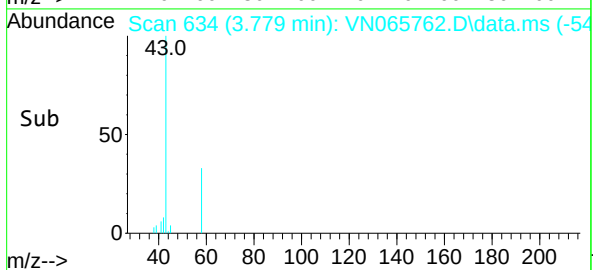
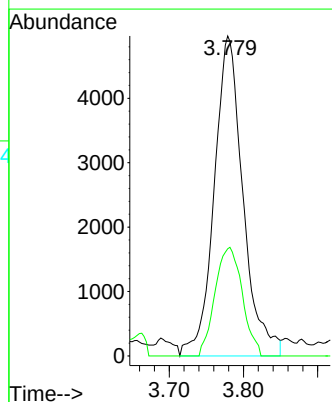
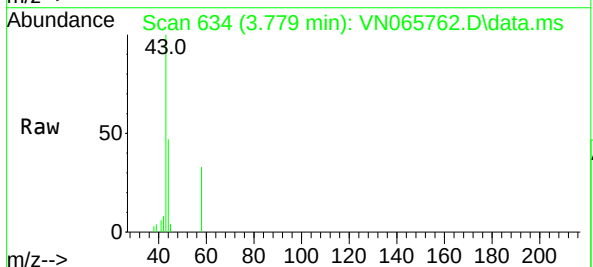
Instrument :
MSVOA_N
ClientSampleId :

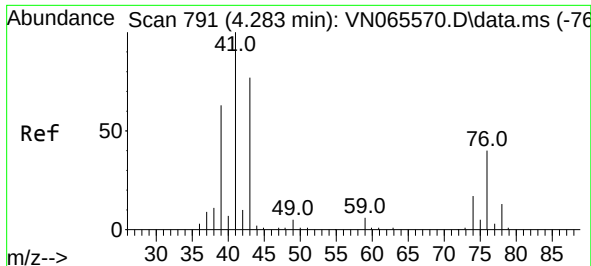
Tgt Ion:168 Resp: 180586
Ion Ratio Lower Upper
168 100
99 53.5 42.6 63.8



#16
Acetone
Concen: 14.49 ug/l
RT: 3.779 min Scan# 634
Delta R.T. -0.003 min
Lab File: VN065762.D
Acq: 8 Feb 2021 18:04

Tgt Ion: 43 Resp: 13397
Ion Ratio Lower Upper
43 100
58 33.5 27.0 40.6





#18

Methyl Acetate

Concen: 0.24 ug/l

RT: 4.290 min Scan# 793

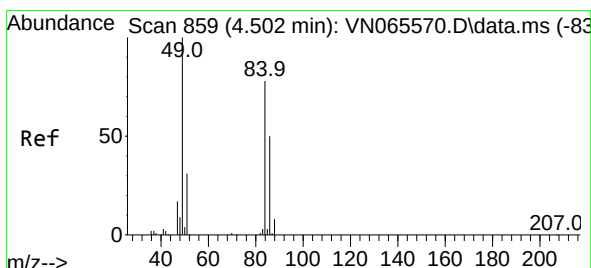
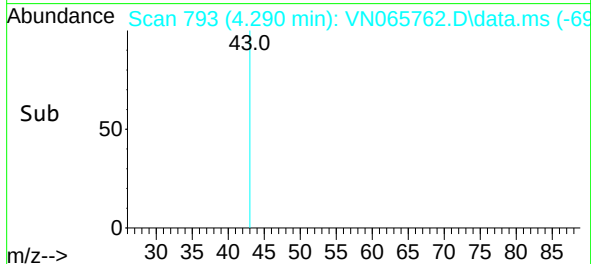
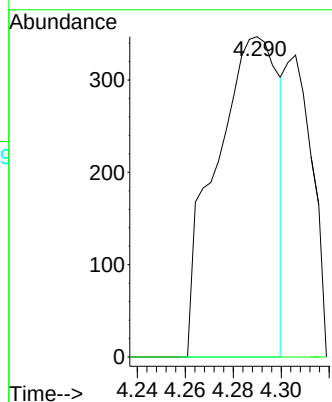
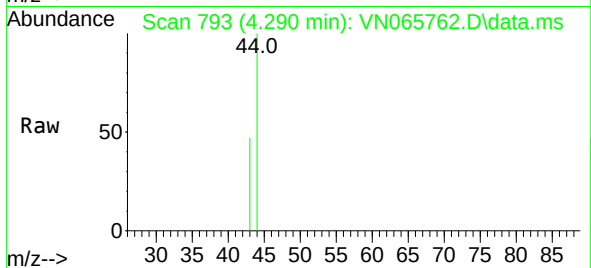
Delta R.T. 0.007 min

Lab File: VN065762.D

Acq: 8 Feb 2021 18:04

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 43 Resp: 629
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#20

Methylene Chloride

Concen: 3.58 ug/l

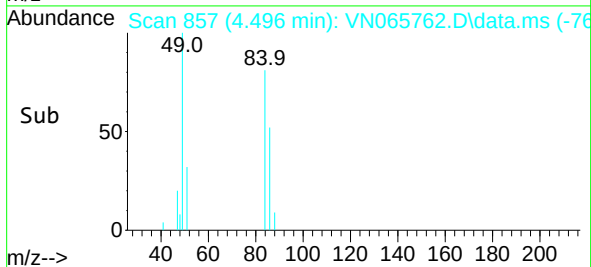
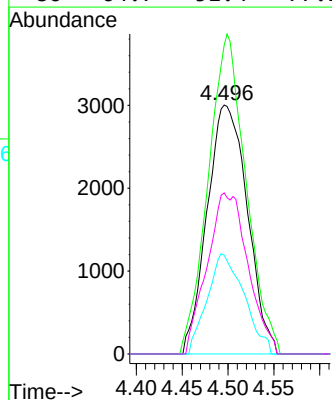
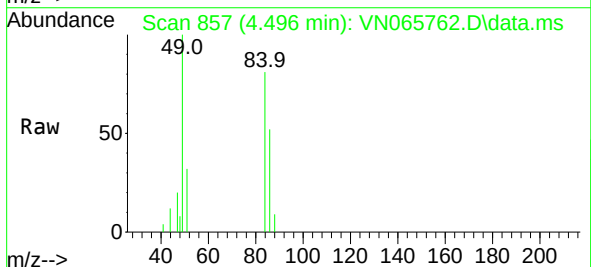
RT: 4.496 min Scan# 857

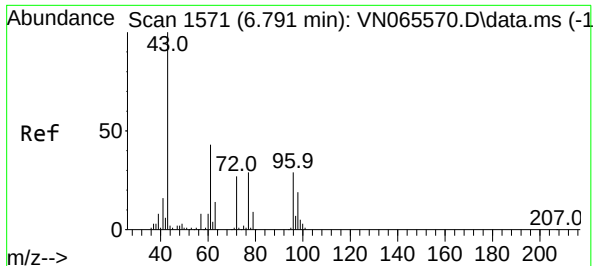
Delta R.T. -0.006 min

Lab File: VN065762.D

Acq: 8 Feb 2021 18:04

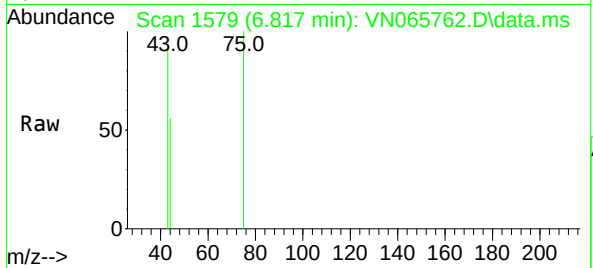
Tgt Ion: 84 Resp: 9165
Ion Ratio Lower Upper
84 100
49 124.1 94.6 141.8
51 39.6 29.9 44.9
86 64.7 51.4 77.2



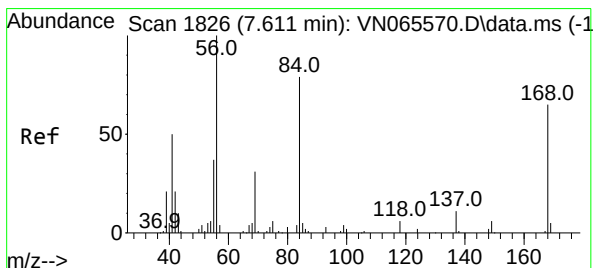
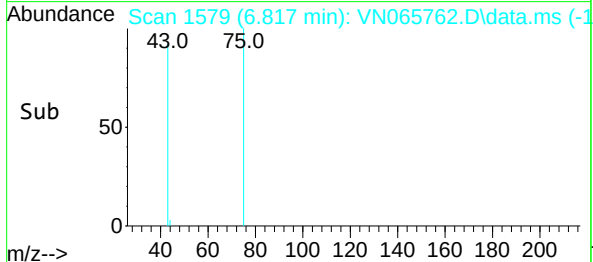
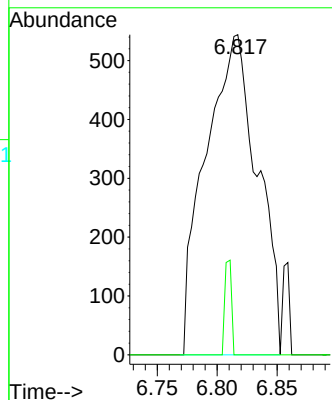


#25
2-Butanone
Concen: 1.13 ug/l
RT: 6.817 min Scan# 1579
Delta R.T. 0.026 min
Lab File: VN065762.D
Acq: 8 Feb 2021 18:04

Instrument :
MSVOA_N
ClientSampled :

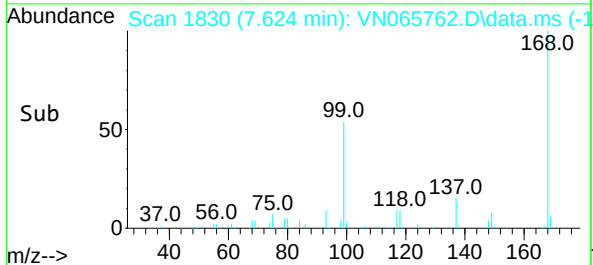
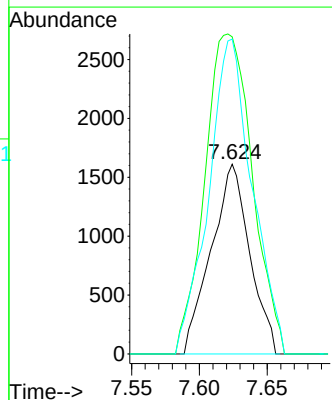
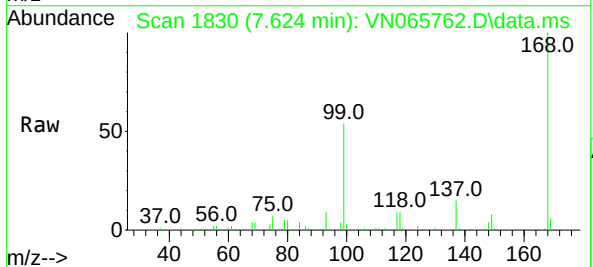


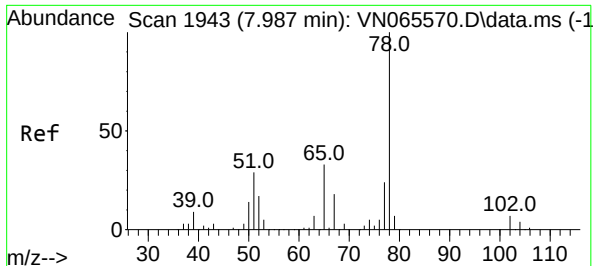
Tgt Ion: 43 Resp: 1639
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#



#31
Cyclohexane
Concen: 0.71 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065762.D
Acq: 8 Feb 2021 18:04

Tgt Ion: 56 Resp: 3185
Ion Ratio Lower Upper
56 100
69 154.8 26.6 39.8#
84 154.8 70.4 105.6#

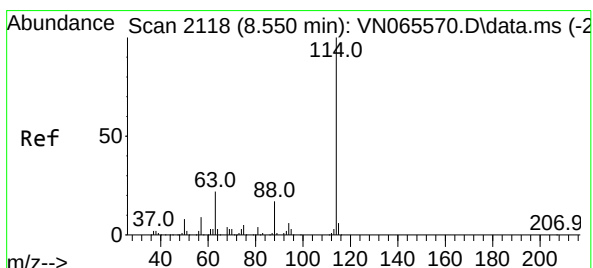
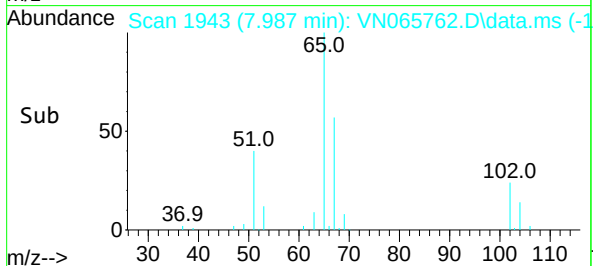
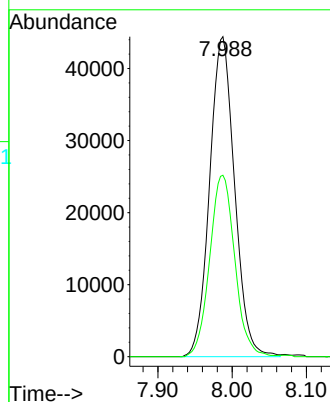
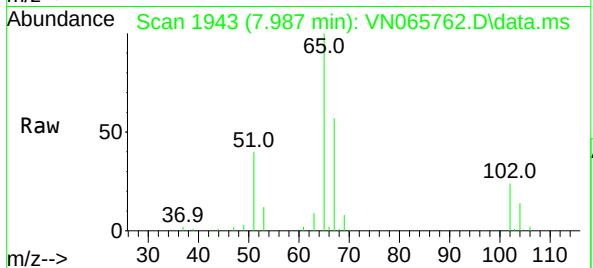




#33
1,2-Dichloroethane-d4
Concen: 43.59 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065762.D
Acq: 8 Feb 2021 18:04

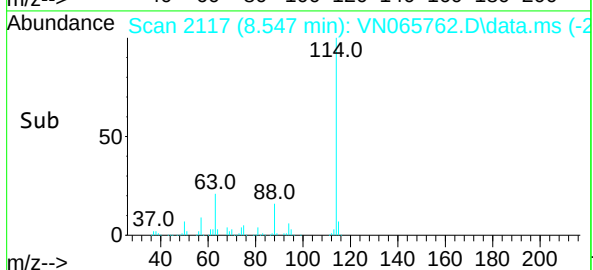
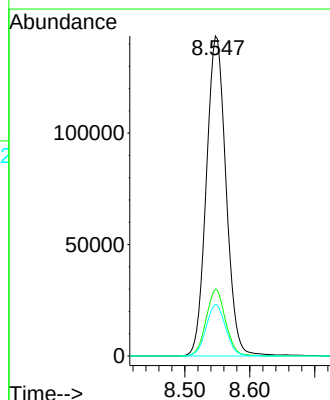
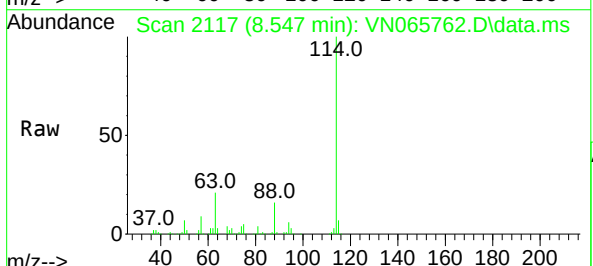
Instrument :
MSVOA_N
ClientSampled :

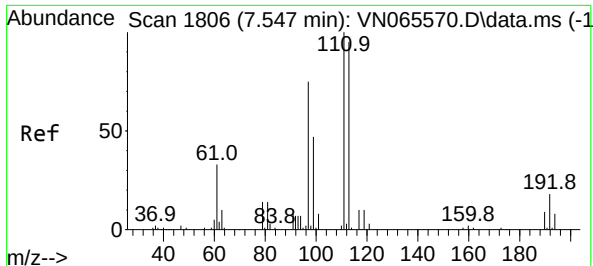
Tgt Ion: 65 Resp: 103555
Ion Ratio Lower Upper
65 100
67 57.2 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065762.D
Acq: 8 Feb 2021 18:04

Tgt Ion: 114 Resp: 302726
Ion Ratio Lower Upper
114 100
63 20.8 0.0 38.6
88 16.1 0.0 30.6

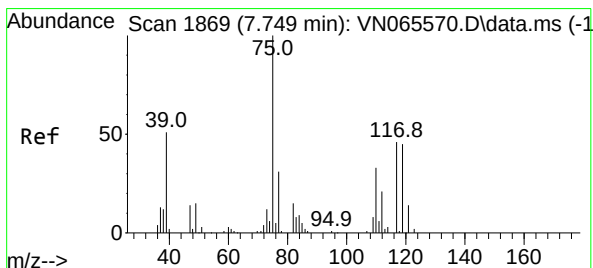
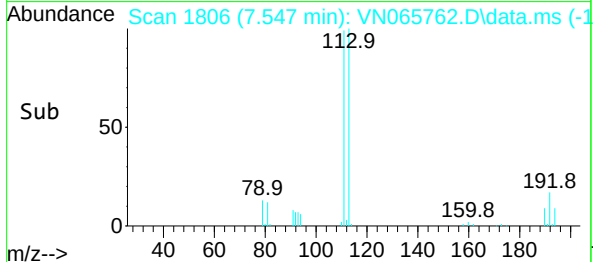
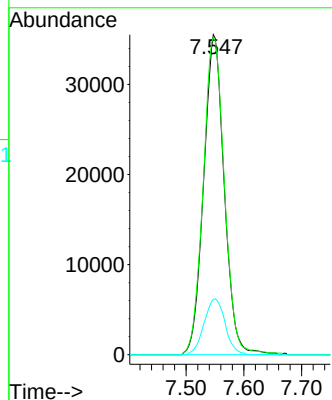
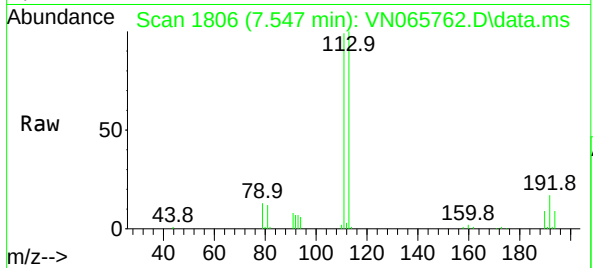




#35
Dibromofluoromethane
Concen: 49.01 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN065762.D
Acq: 8 Feb 2021 18:04

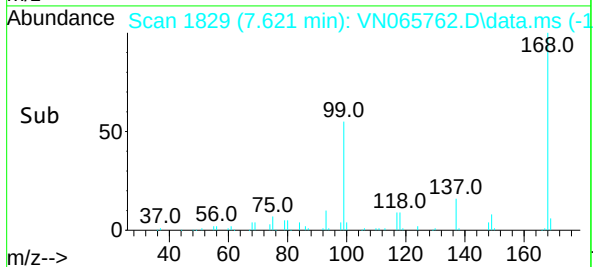
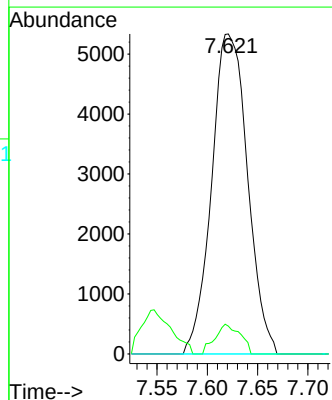
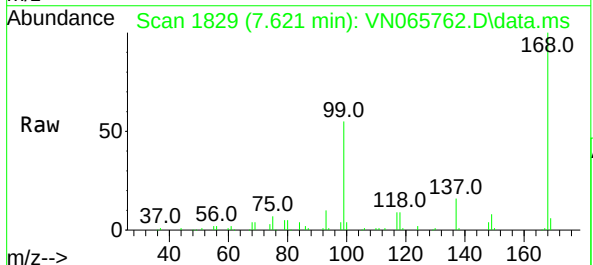
Instrument :
MSVOA_N
ClientSampled :

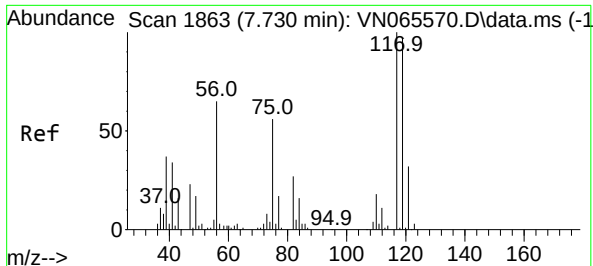
Tgt Ion:113 Resp: 87922
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 17.9 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.34 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.128 min
Lab File: VN065762.D
Acq: 8 Feb 2021 18:04

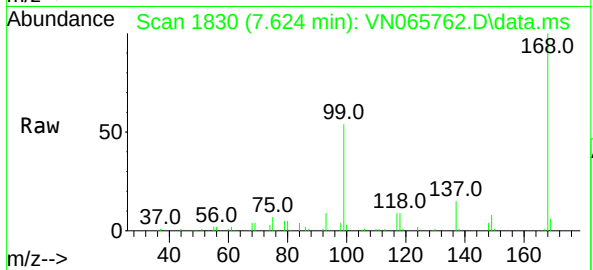
Tgt Ion: 75 Resp: 13229
Ion Ratio Lower Upper
75 100
110 6.5 18.2 54.6#
77 0.0 24.9 37.3#



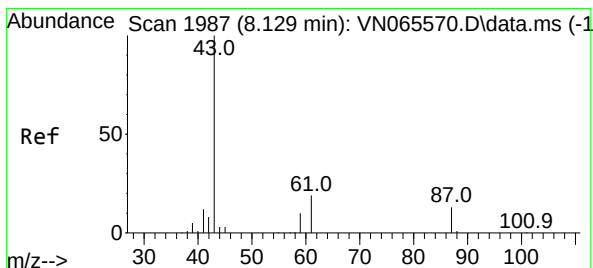
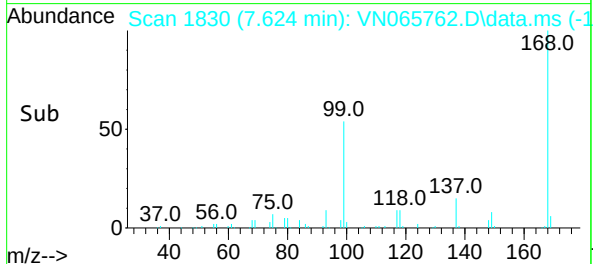
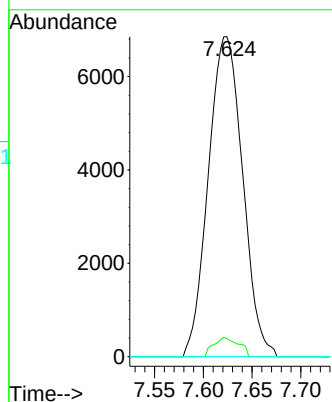


#38
Carbon Tetrachloride
Concen: 6.69 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065762.D
Acq: 8 Feb 2021 18:04

Instrument :
MSVOA_N
ClientSampleId :

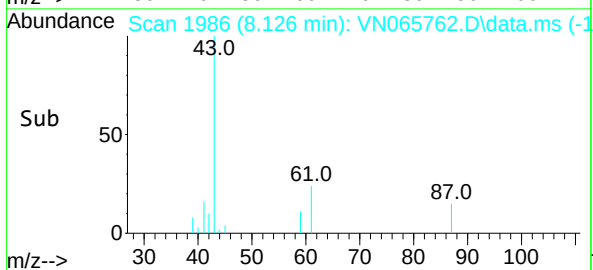
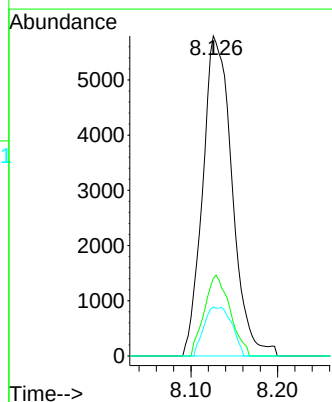
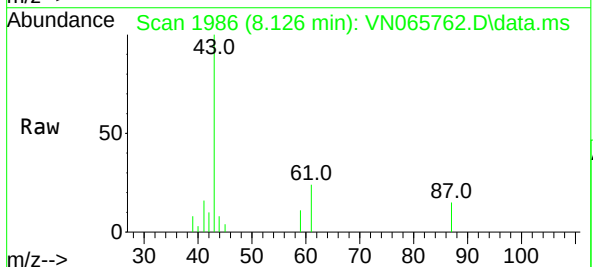


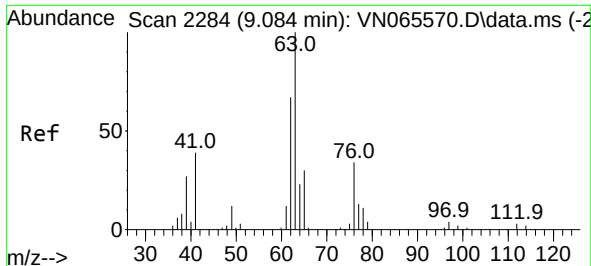
Tgt Ion:117 Resp: 16789
Ion Ratio Lower Upper
117 100
119 5.7 76.0 114.0#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 2.63 ug/l
RT: 8.126 min Scan# 1986
Delta R.T. -0.003 min
Lab File: VN065762.D
Acq: 8 Feb 2021 18:04

Tgt Ion: 43 Resp: 13651
Ion Ratio Lower Upper
43 100
61 22.1 22.5 33.7#
87 14.4 11.1 16.7

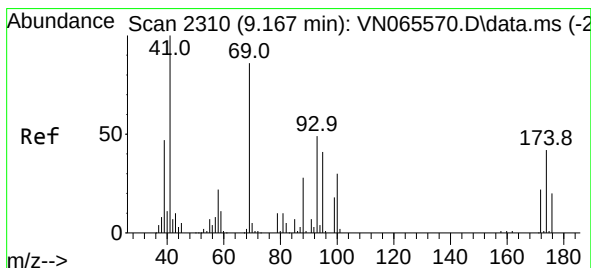
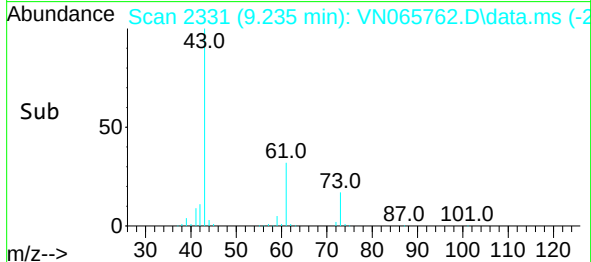
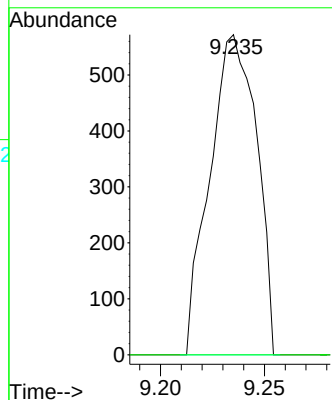
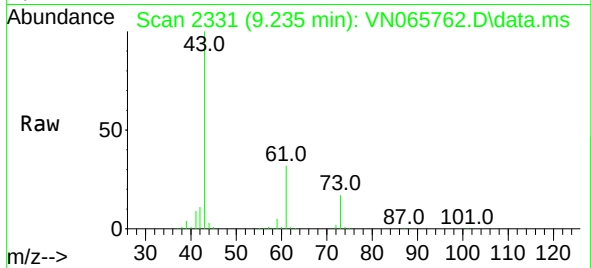




#45
1,2-Dichloropropane
Concen: 0.35 ug/l
RT: 9.235 min Scan# 2331
Delta R.T. 0.151 min
Lab File: VN065762.D
Acq: 8 Feb 2021 18:04

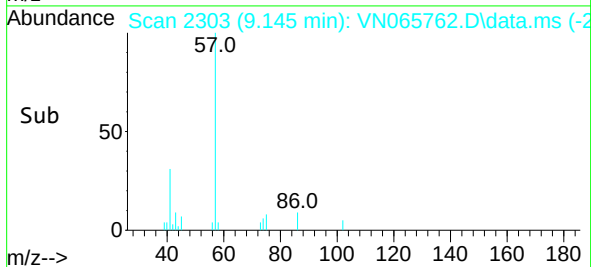
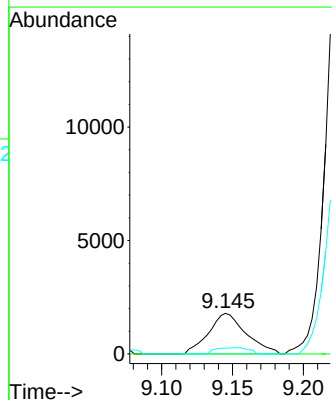
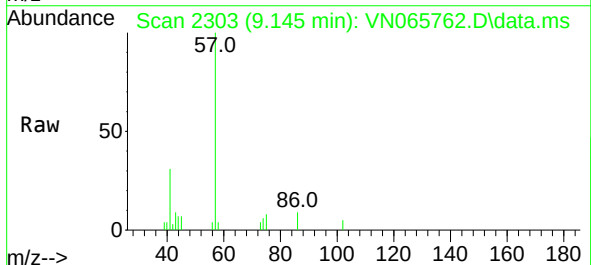
Instrument :
MSVOA_N
ClientSampled :

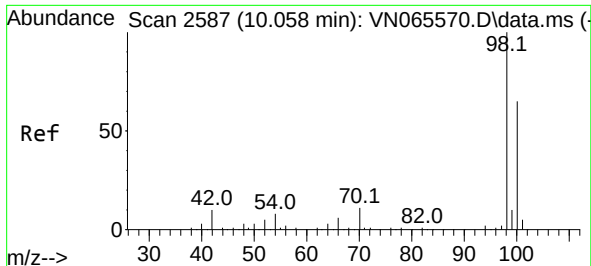
Tgt Ion: 63 Resp: 896
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#



#48
Methyl methacrylate
Concen: 1.34 ug/l
RT: 9.145 min Scan# 2303
Delta R.T. -0.022 min
Lab File: VN065762.D
Acq: 8 Feb 2021 18:04

Tgt Ion: 41 Resp: 3291
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

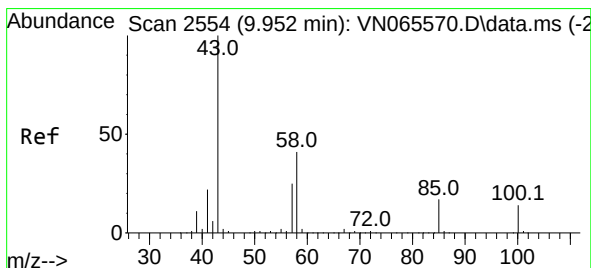
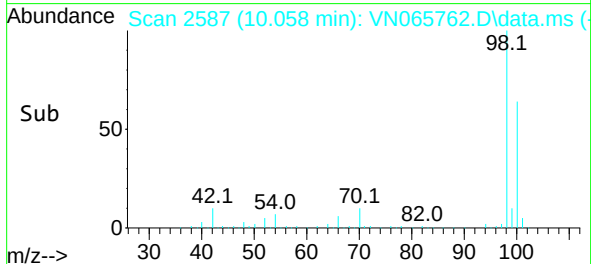
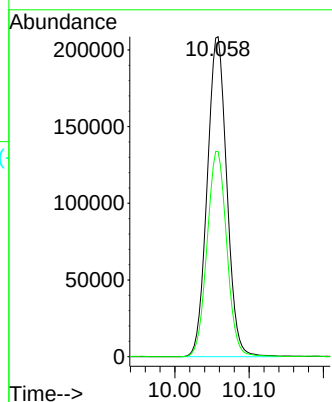
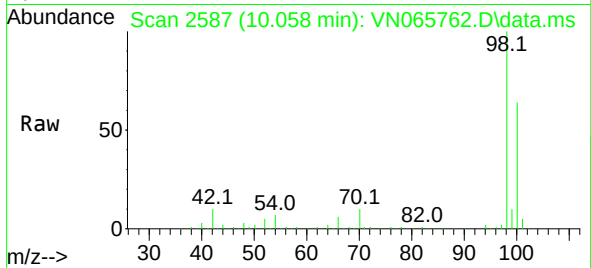




#50
Toluene-d8
Concen: 54.17 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065762.D
Acq: 8 Feb 2021 18:04

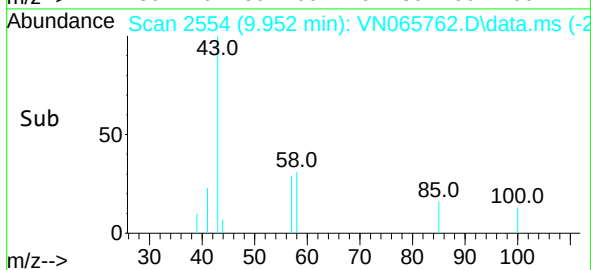
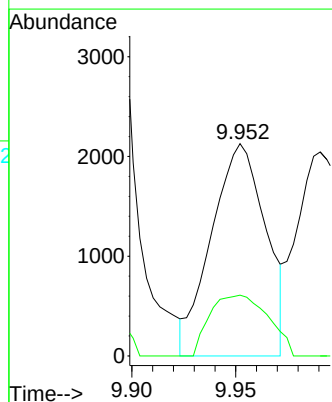
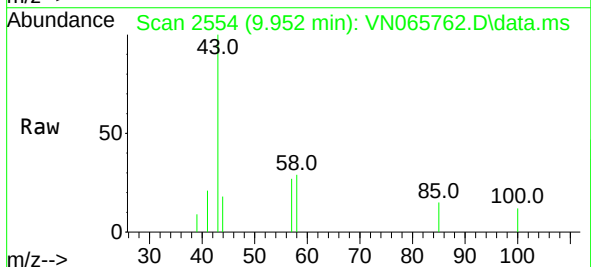
Instrument :
MSVOA_N
ClientSampled :

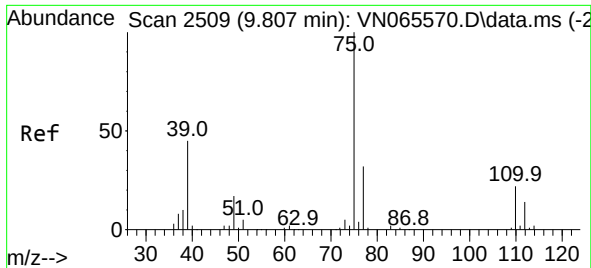
Tgt Ion: 98 Resp: 382015
Ion Ratio Lower Upper
98 100
100 64.6 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.35 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. 0.000 min
Lab File: VN065762.D
Acq: 8 Feb 2021 18:04

Tgt Ion: 43 Resp: 3861
Ion Ratio Lower Upper
43 100
58 30.9 32.5 48.7#

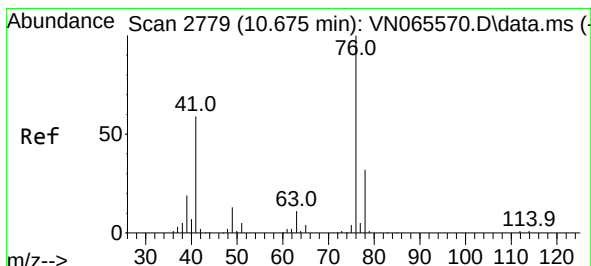
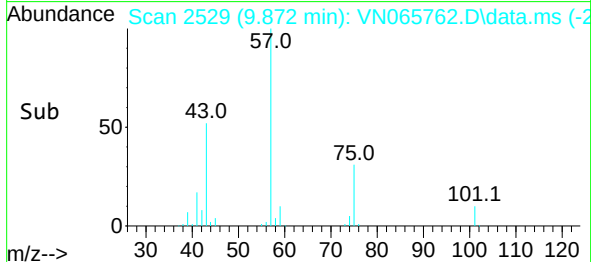
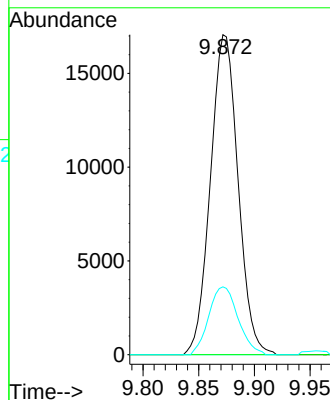
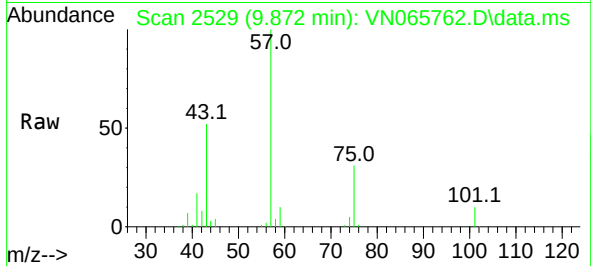




#54
cis-1,3-Dichloropropene
Concen: 7.48 ug/l
RT: 9.872 min Scan# 2529
Delta R.T. 0.065 min
Lab File: VN065762.D
Acq: 8 Feb 2021 18:04

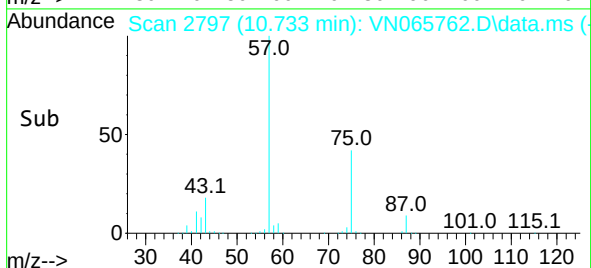
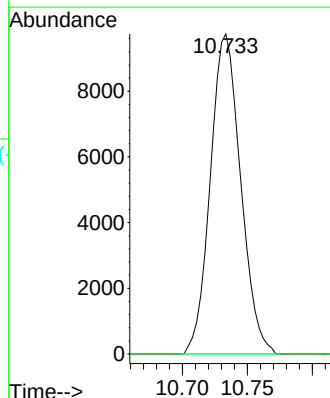
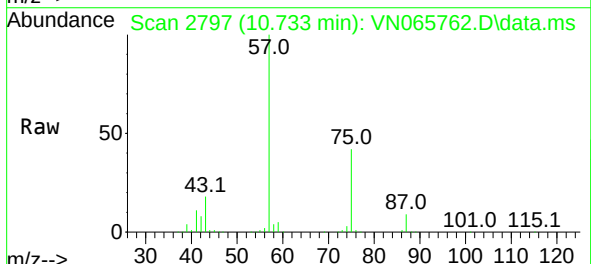
Instrument :
MSVOA_N
ClientSampled :

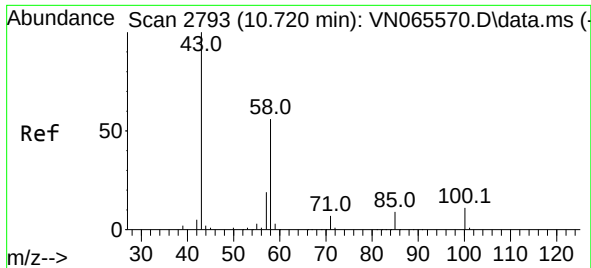
Tgt Ion: 75 Resp: 29422
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 21.2 36.2 54.4#



#57
1,3-Dichloropropane
Concen: 4.27 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.058 min
Lab File: VN065762.D
Acq: 8 Feb 2021 18:04

Tgt Ion: 76 Resp: 15789
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

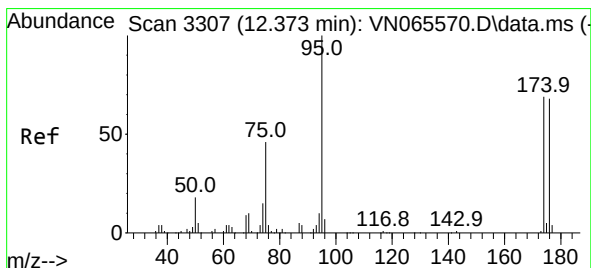
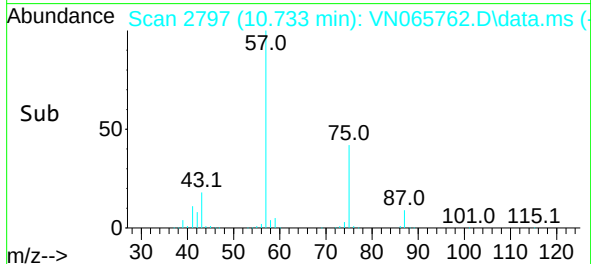
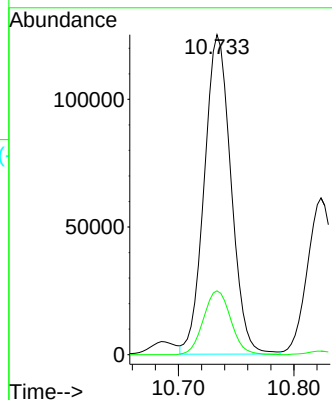
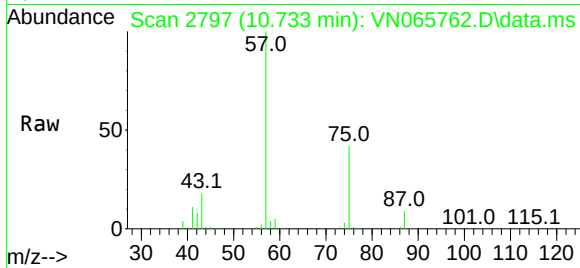




#59
2-Hexanone
Concen: 101.35 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065762.D
Acq: 8 Feb 2021 18:04

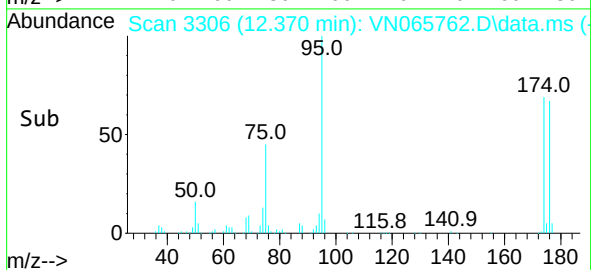
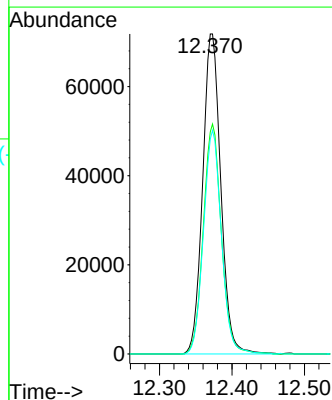
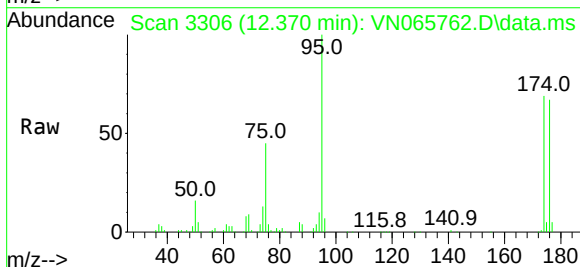
Instrument :
MSVOA_N
ClientSampled :

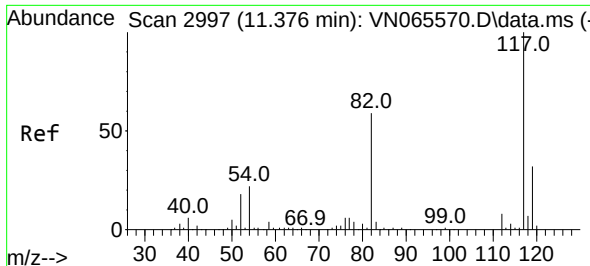
Tgt Ion: 43 Resp: 201015
Ion Ratio Lower Upper
43 100
58 20.5 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 49.13 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.003 min
Lab File: VN065762.D
Acq: 8 Feb 2021 18:04

Tgt Ion: 95 Resp: 124748
Ion Ratio Lower Upper
95 100
174 71.6 0.0 169.0
176 69.1 0.0 162.4

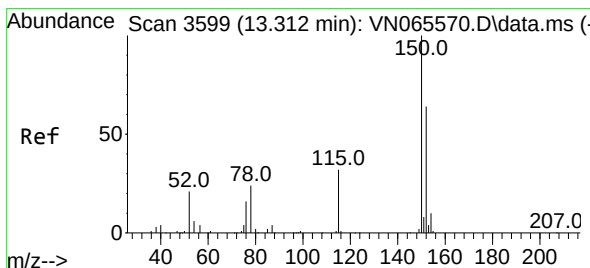
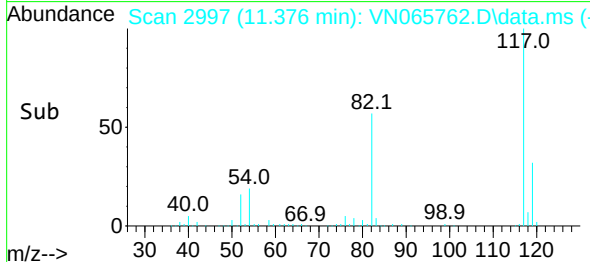
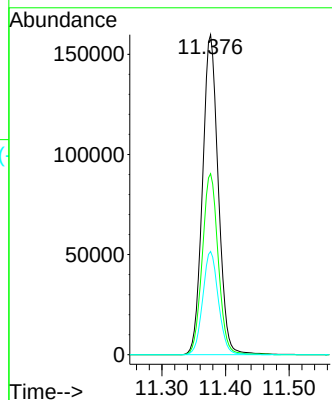
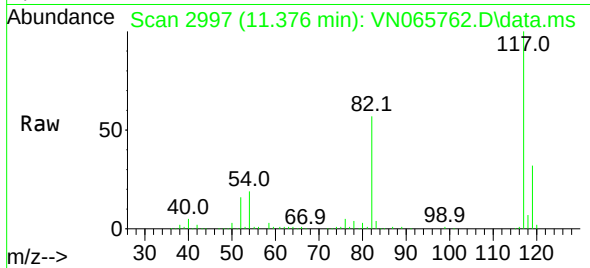




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065762.D
Acq: 8 Feb 2021 18:04

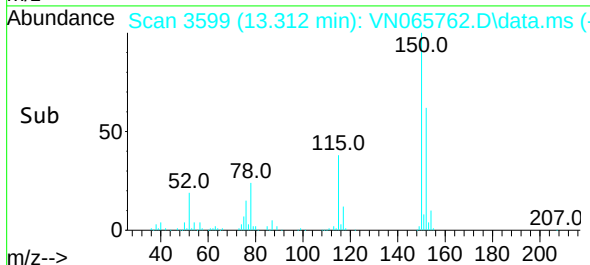
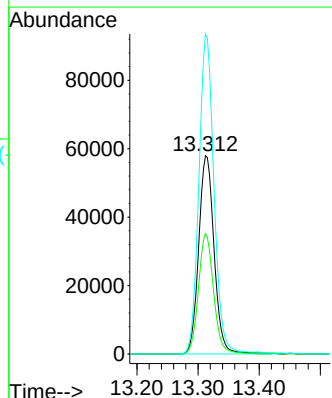
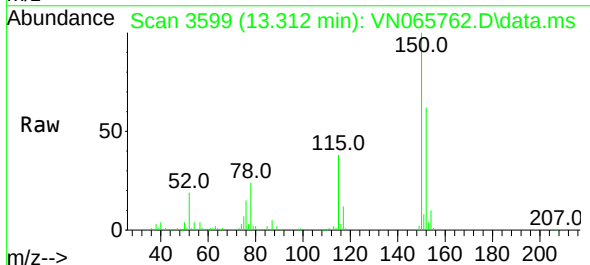
Instrument :
MSVOA_N
ClientSampled :

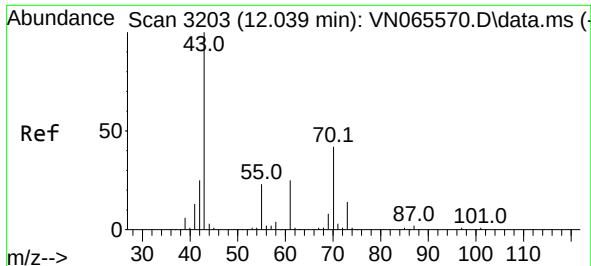
Tgt Ion:117 Resp: 274393
Ion Ratio Lower Upper
117 100
82 56.5 43.7 65.5
119 32.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. 0.000 min
Lab File: VN065762.D
Acq: 8 Feb 2021 18:04

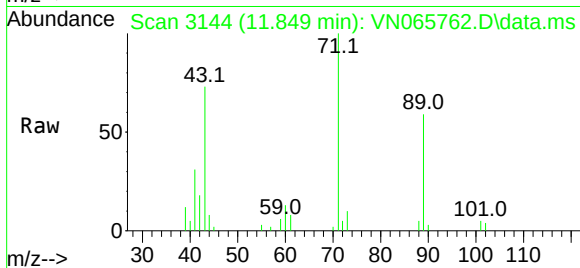
Tgt Ion:152 Resp: 101851
Ion Ratio Lower Upper
152 100
115 59.3 28.5 85.6
150 156.9 0.0 347.6



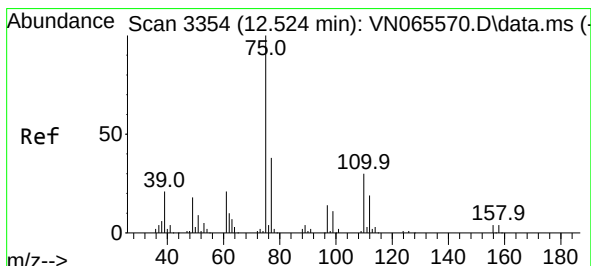
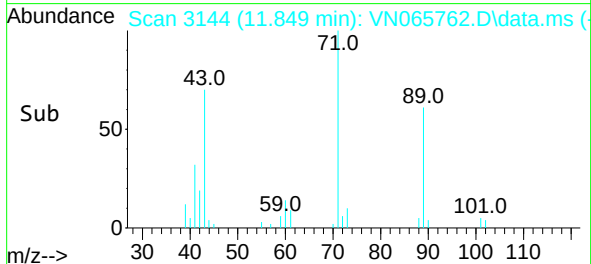
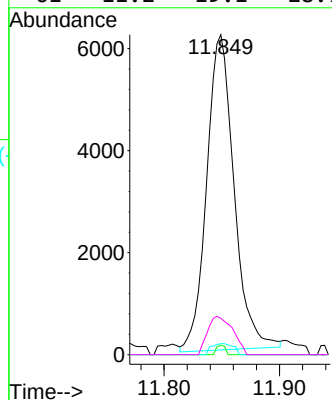


#74
N-amy1 acetate
Concen: 2.70 ug/l
RT: 11.849 min Scan# 3144
Delta R.T. -0.190 min
Lab File: VN065762.D
Acq: 8 Feb 2021 18:04

Instrument :
MSVOA_N
ClientSampleId :

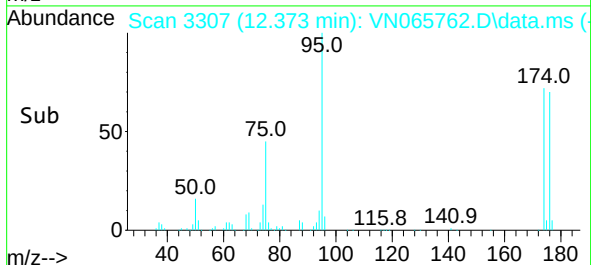
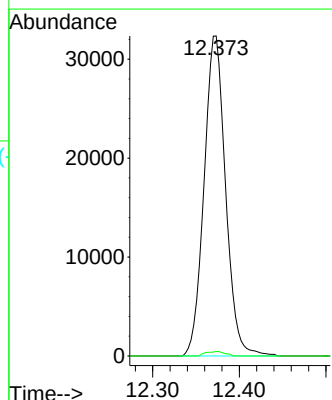
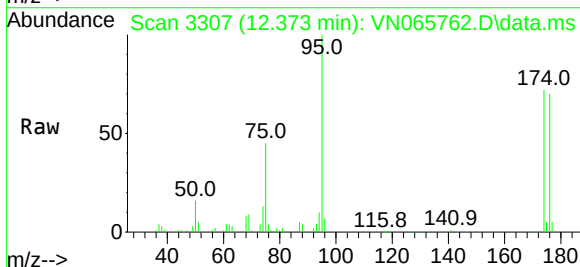


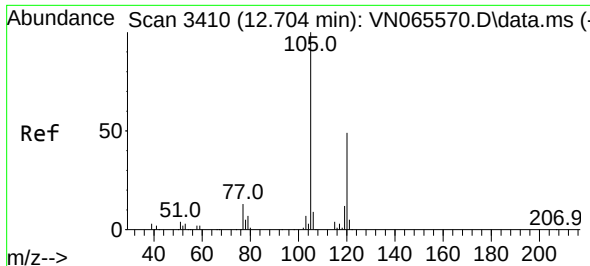
Tgt Ion: 43 Resp: 10180
Ion Ratio Lower Upper
43 100
70 0.9 34.4 51.6#
55 2.8 20.7 31.1#
61 11.2 19.1 28.7#



#76
1,2,3-Trichloropropane
Concen: 20.97 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065762.D
Acq: 8 Feb 2021 18:04

Tgt Ion: 75 Resp: 55859
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

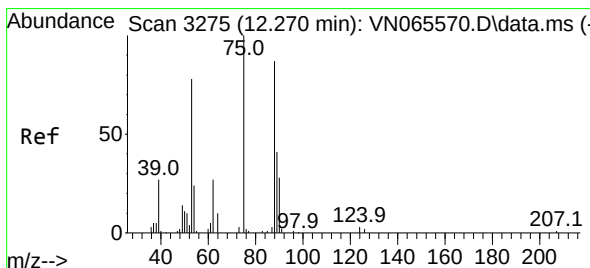
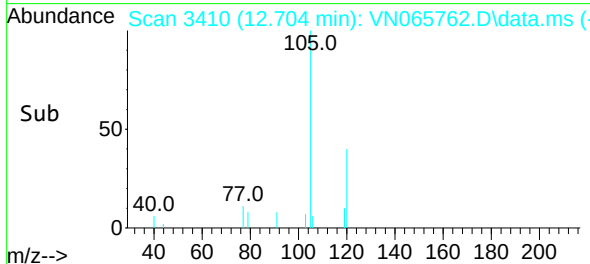
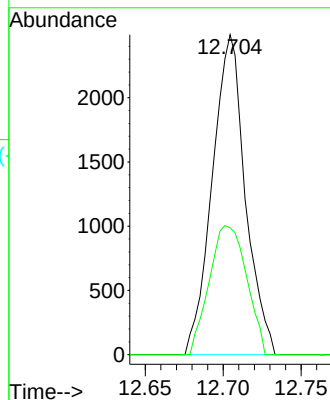
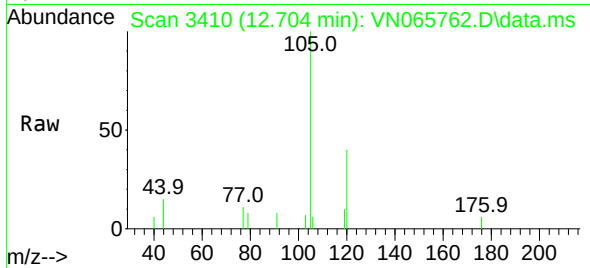




#80
1,3,5-Trimethylbenzene
Concen: 0.48 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065762.D
Acq: 8 Feb 2021 18:04

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:105 Resp: 3664
Ion Ratio Lower Upper
105 100
120 45.7 24.3 72.8



#81
trans-1,4-Dichloro-2-butene
Concen: 53.72 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065762.D
Acq: 8 Feb 2021 18:04

Tgt Ion: 75 Resp: 55859
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

