

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122320\
 Data File : VN065247.D
 Acq On : 23 Dec 2020 20:11
 Operator : JC/MD
 Sample : L5189-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 22

Quant Time: Dec 24 04:25:00 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

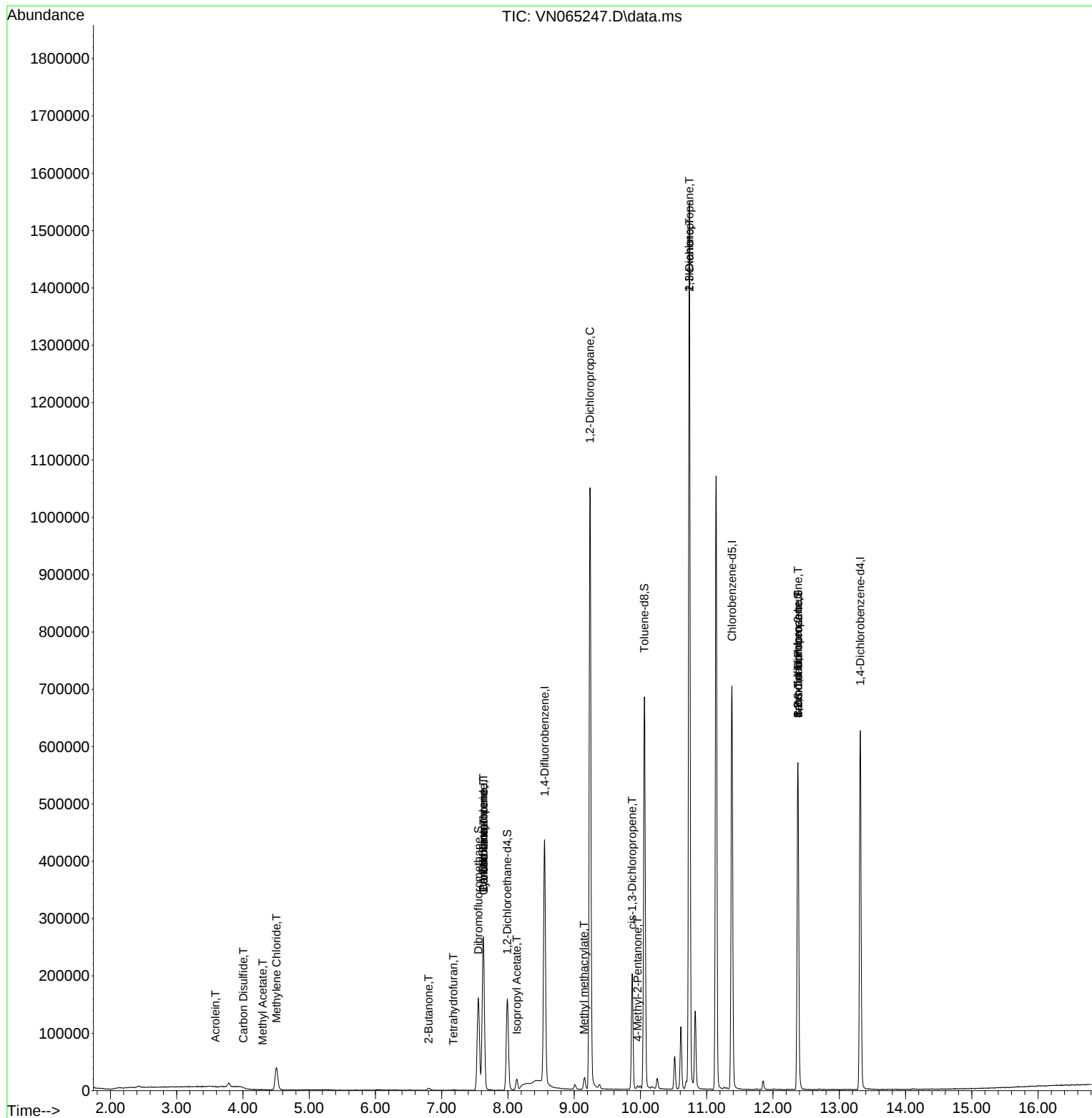
Internal Standards						
1) Pentafluorobenzene	7.627	168	237412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	395657	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	418700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	184043	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	141773	52.90	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.80%			
35) Dibromofluoromethane	7.553	113	122911	51.49	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.98%			
50) Toluene-d8	10.058	98	488842	54.64	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.28%			
62) 4-Bromofluorobenzene	12.376	95	198596	55.50	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 111.00%			
Target Compounds					Qvalue	
13) Acrolein	3.586	56	59	2.61	ug/l #	14
16) Acetone	3.785	43	9494	Below Cal		94
17) Carbon Disulfide	4.007	76	3978	0.67	ug/l	97
18) Methyl Acetate	4.296	43	1479	0.61	ug/l #	50
20) Methylene Chloride	4.505	84	29806	11.40	ug/l	95
25) 2-Butanone	6.801	43	649	0.43	ug/l #	79
29) Tetrahydrofuran	7.177	42	754	0.77	ug/l #	32
31) Cyclohexane	7.630	56	4159	1.05	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	15539	4.32	ug/l #	46
38) Carbon Tetrachloride	7.627	117	20420	5.40	ug/l #	15
43) Isopropyl Acetate	8.132	43	22197	3.61	ug/l	96
45) 1,2-Dichloropropane	9.238	63	1268	0.46	ug/l #	43
48) Methyl methacrylate	9.148	41	5845	1.96	ug/l #	12
51) 4-Methyl-2-Pentanone	9.955	43	4398	1.27	ug/l	92
54) cis-1,3-Dichloropropene	9.875	75	37205	7.80	ug/l #	62
57) 1,3-Dichloropropane	10.736	76	15830	3.59	ug/l #	42
59) 2-Hexanone	10.736	43	230152	90.60	ug/l #	48
71) Bromoform	12.376	173	1168	0.41	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	99453	26.49	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	99453	66.79	ug/l #	15

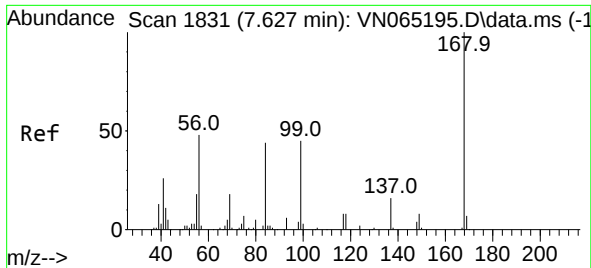
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 22 15:42:18 2020
Response via : Initial Calibration

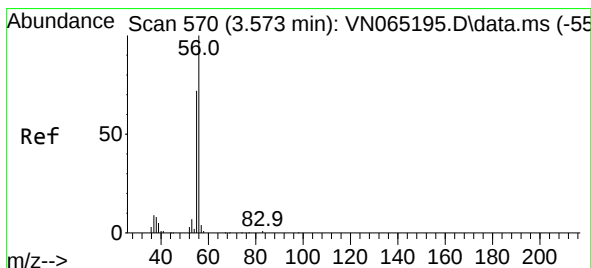
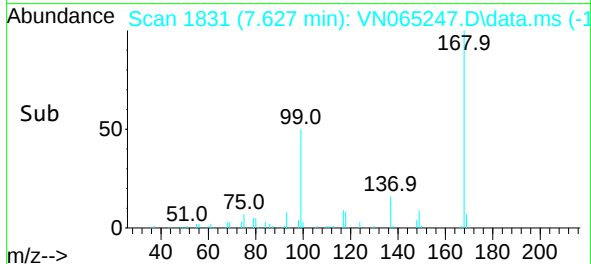
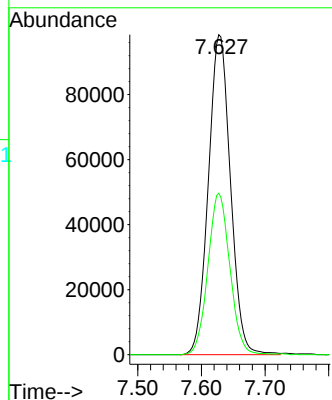
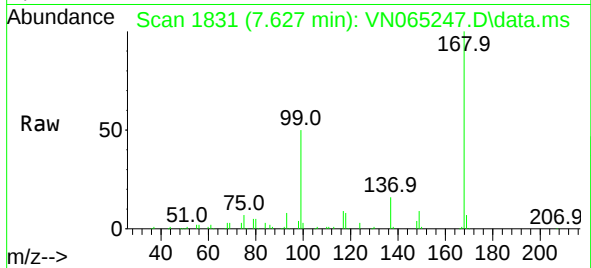




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065247.D
Acq: 23 Dec 2020 20:11

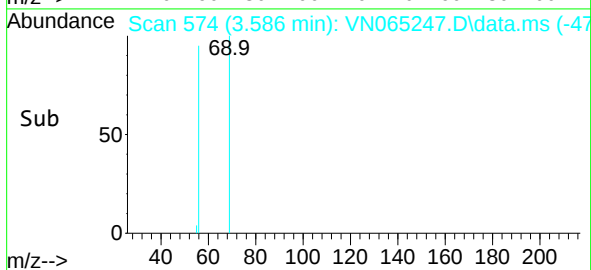
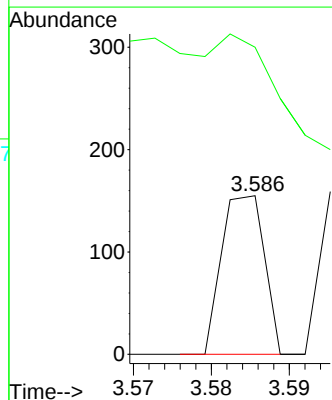
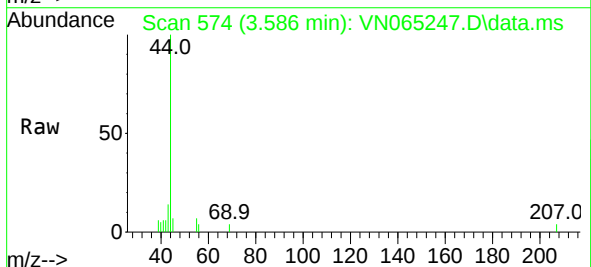
Instrument :
MSVOA_N
ClientSampled :
22

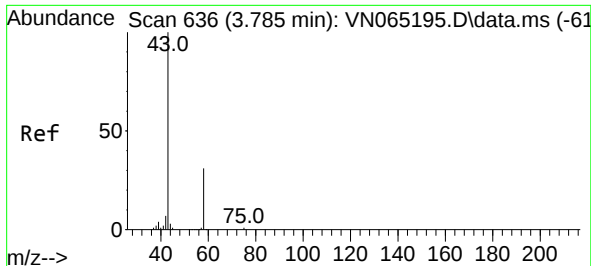
Tgt Ion:168 Resp: 237412
Ion Ratio Lower Upper
168 100
99 50.4 43.0 64.4



#13
Acrolein
Concen: 2.61 ug/l
RT: 3.586 min Scan# 574
Delta R.T. 0.013 min
Lab File: VN065247.D
Acq: 23 Dec 2020 20:11

Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 0.0 56.5 84.7#

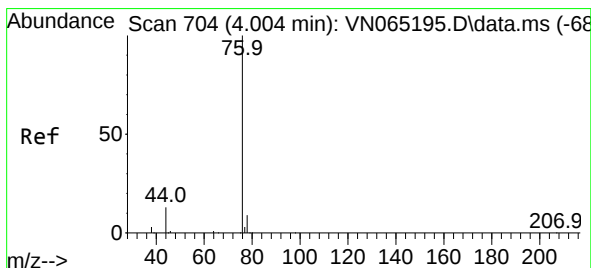
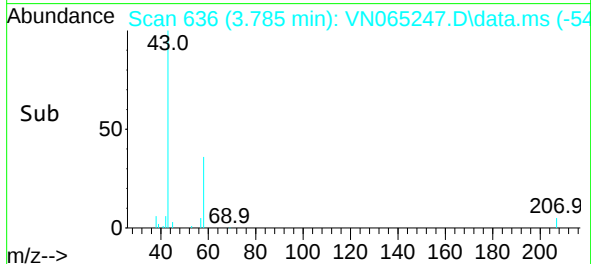
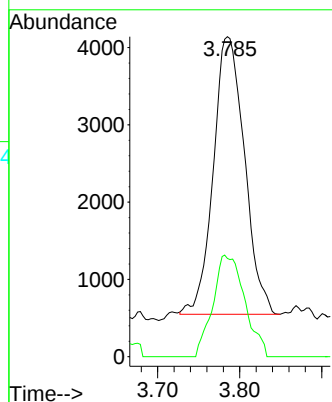
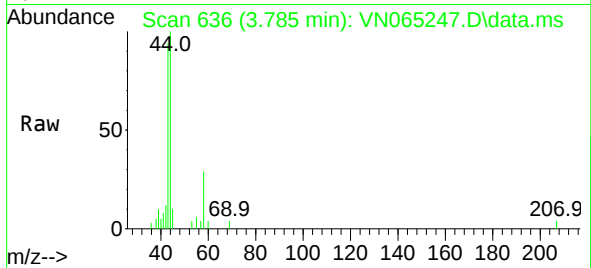




#16
Acetone
Concen: Below Cal
RT: 3.785 min Scan# 636
Delta R.T. -0.000 min
Lab File: VN065247.D
Acq: 23 Dec 2020 20:11

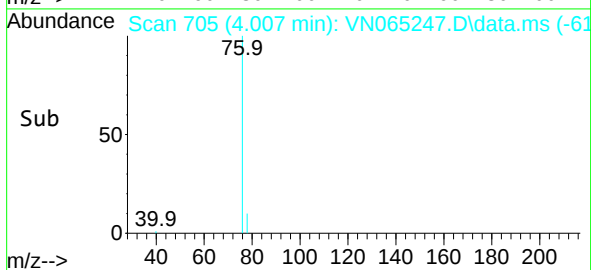
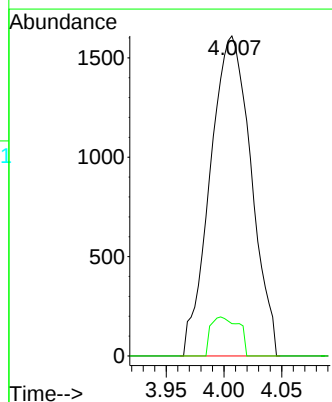
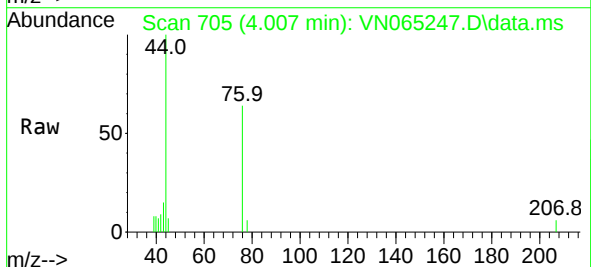
Instrument :
MSVOA_N
ClientSampled :
22

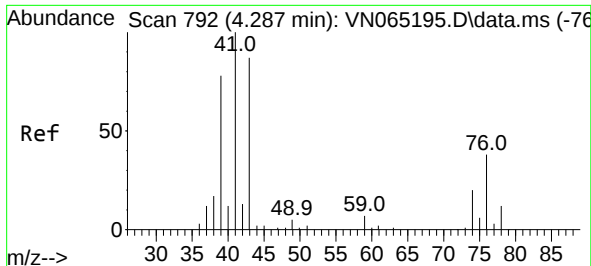
Tgt Ion: 43 Resp: 9494
Ion Ratio Lower Upper
43 100
58 35.4 25.7 38.5



#17
Carbon Disulfide
Concen: 0.67 ug/l
RT: 4.007 min Scan# 705
Delta R.T. 0.003 min
Lab File: VN065247.D
Acq: 23 Dec 2020 20:11

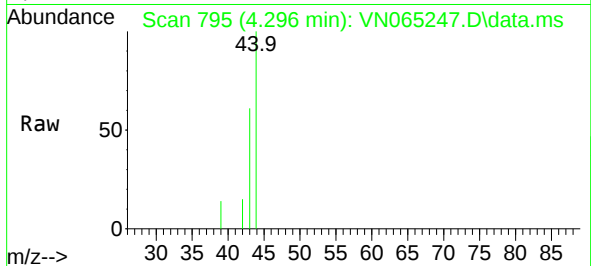
Tgt Ion: 76 Resp: 3978
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0



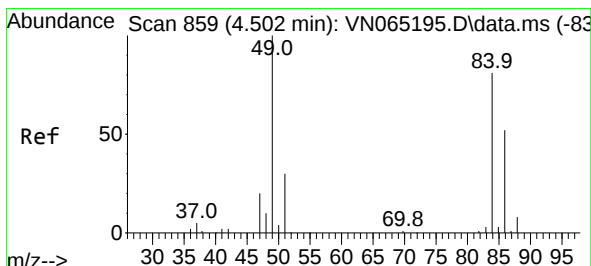
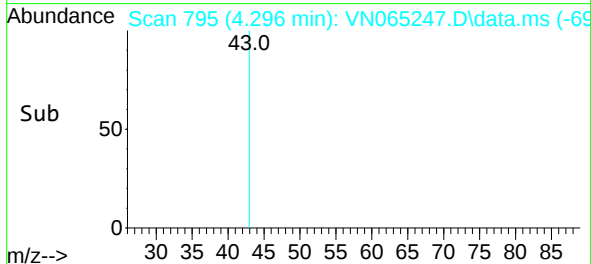
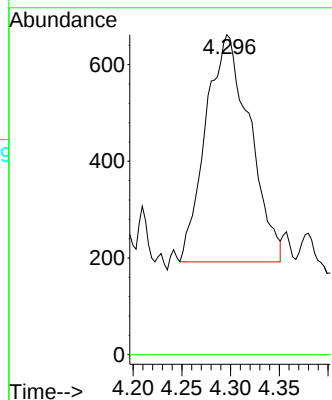


#18
Methyl Acetate
Concen: 0.61 ug/l
RT: 4.296 min Scan# 795
Delta R.T. 0.009 min
Lab File: VN065247.D
Acq: 23 Dec 2020 20:11

Instrument :
MSVOA_N
ClientSampled :
22

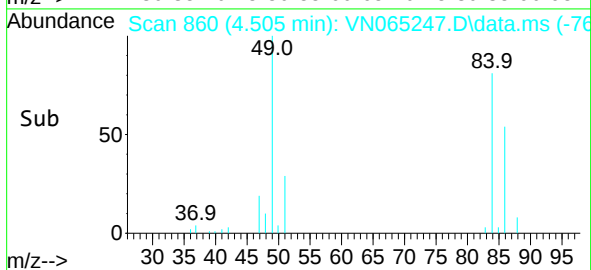
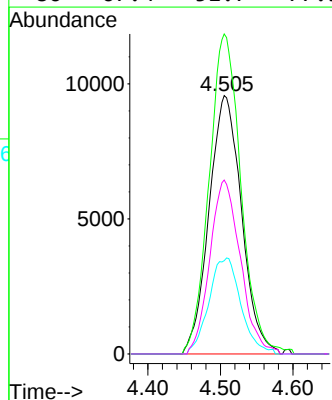
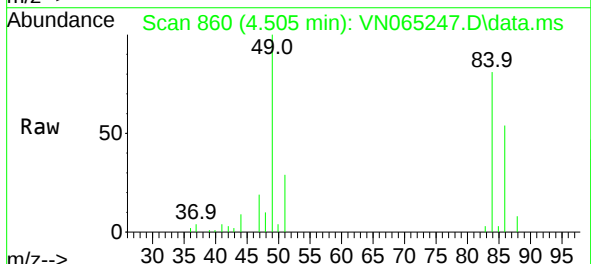


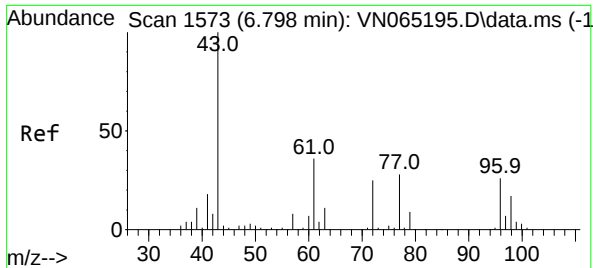
Tgt Ion: 43 Resp: 1479
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 11.40 ug/l
RT: 4.505 min Scan# 860
Delta R.T. 0.003 min
Lab File: VN065247.D
Acq: 23 Dec 2020 20:11

Tgt Ion: 84 Resp: 29806
Ion Ratio Lower Upper
84 100
49 123.9 93.4 140.0
51 36.1 28.2 42.4
86 67.4 51.7 77.5

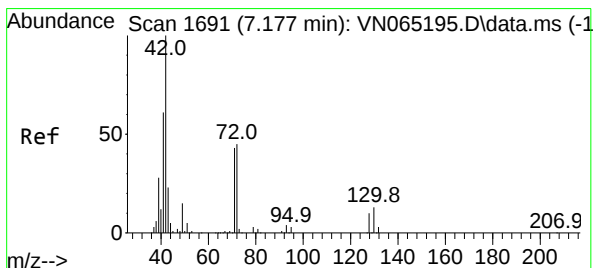
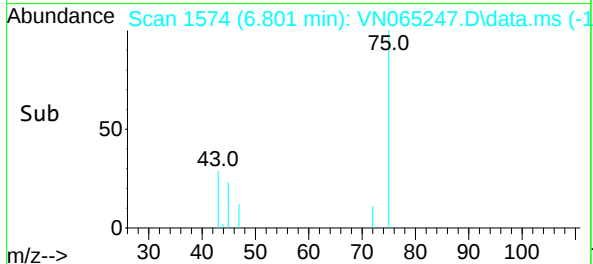
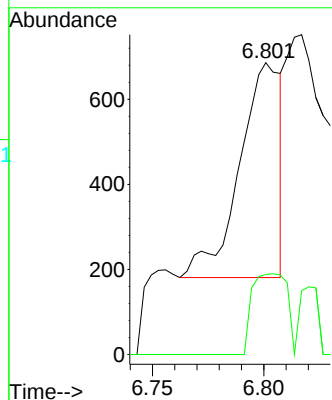
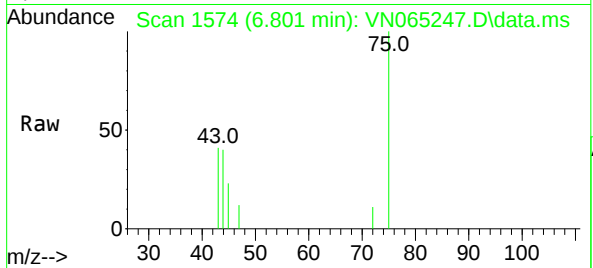




#25
2-Butanone
Concen: 0.43 ug/l
RT: 6.801 min Scan# 1574
Delta R.T. 0.003 min
Lab File: VN065247.D
Acq: 23 Dec 2020 20:11

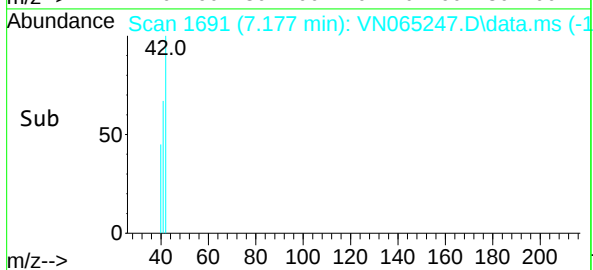
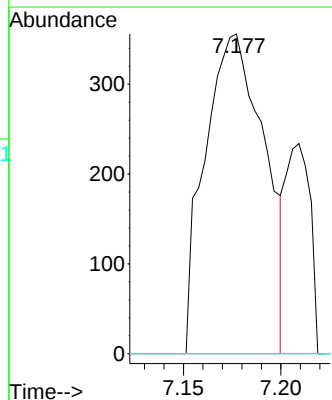
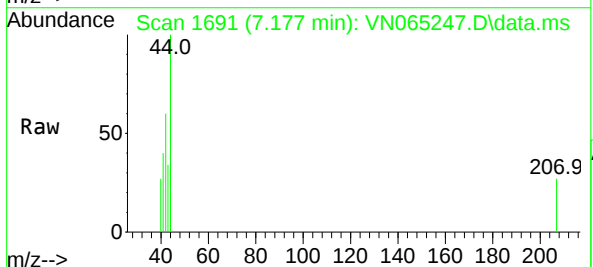
Instrument :
MSVOA_N
ClientSampled :
22

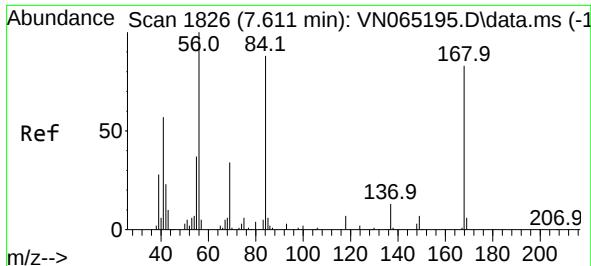
Tgt Ion: 43 Resp: 649
Ion Ratio Lower Upper
43 100
72 37.2 21.0 31.6#



#29
Tetrahydrofuran
Concen: 0.77 ug/l
RT: 7.177 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN065247.D
Acq: 23 Dec 2020 20:11

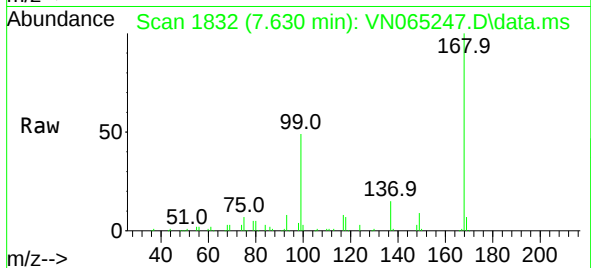
Tgt Ion: 42 Resp: 754
Ion Ratio Lower Upper
42 100
72 0.0 36.6 54.8#
71 0.0 33.6 50.4#



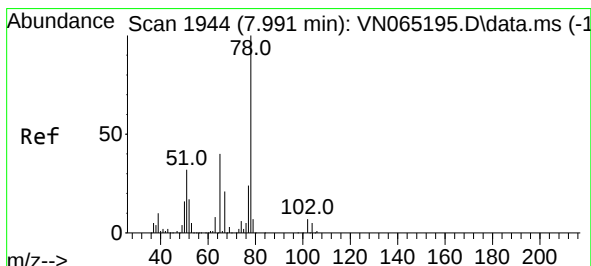
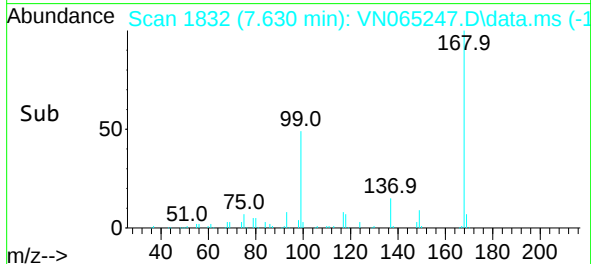
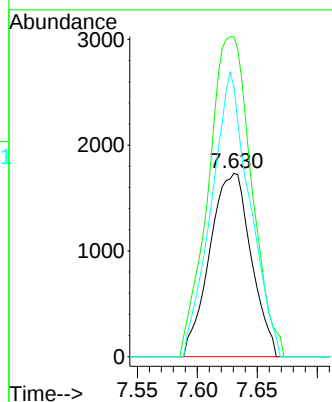


#31
Cyclohexane
Concen: 1.05 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.019 min
Lab File: VN065247.D
Acq: 23 Dec 2020 20:11

Instrument :
MSVOA_N
ClientSampleId :
22

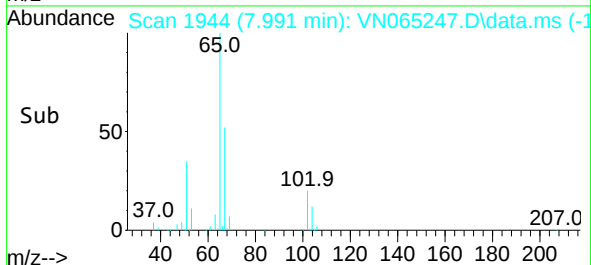
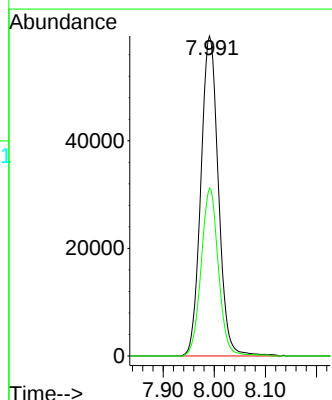
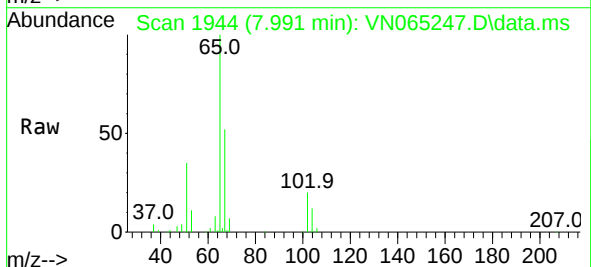


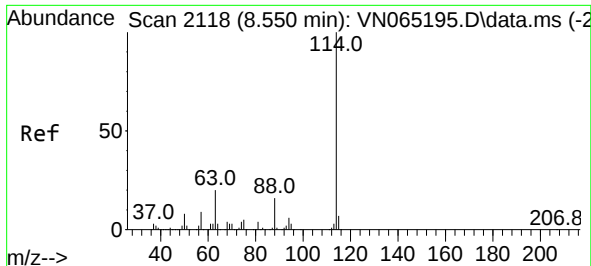
Tgt Ion: 56 Resp: 4159
Ion Ratio Lower Upper
56 100
69 174.5 27.5 41.3#
84 147.4 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 52.90 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065247.D
Acq: 23 Dec 2020 20:11

Tgt Ion: 65 Resp: 141773
Ion Ratio Lower Upper
65 100
67 51.4 0.0 108.2

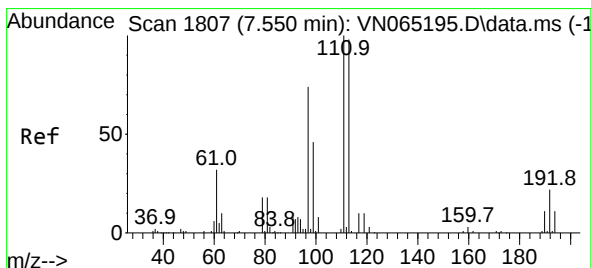
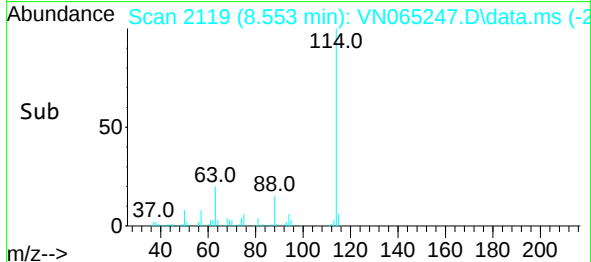
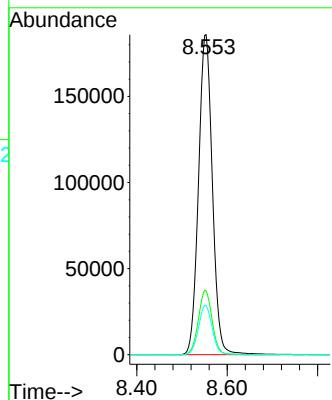
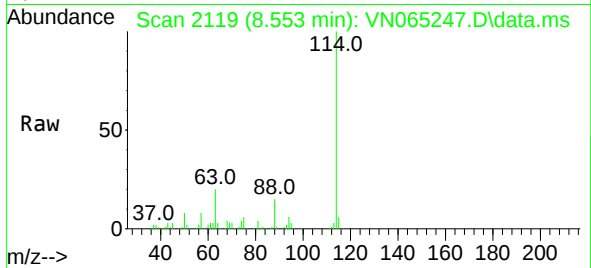




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065247.D
Acq: 23 Dec 2020 20:11

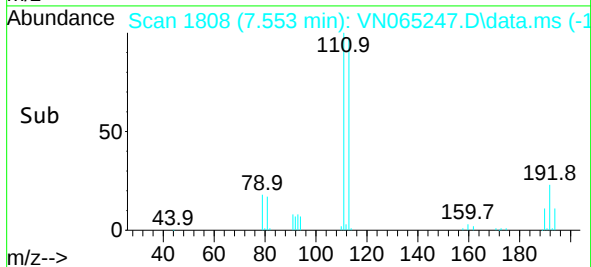
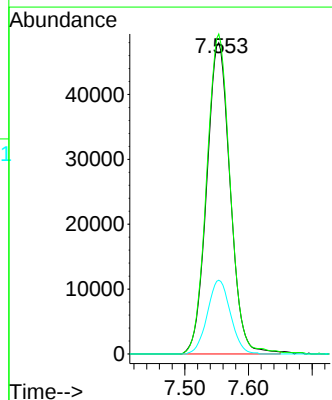
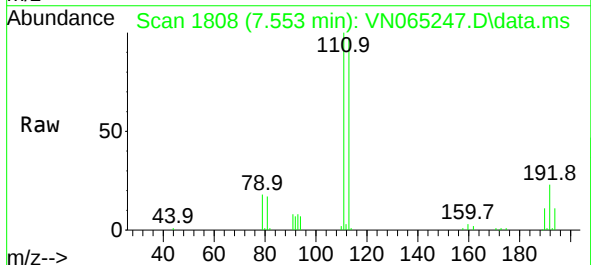
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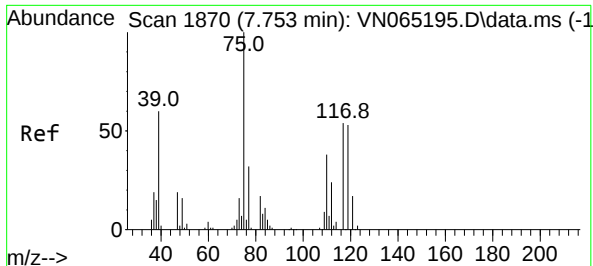
Tgt Ion:114	Resp:	395657
Ion Ratio	Lower	Upper
114	100	
63	19.9	0.0 38.6
88	15.3	0.0 32.6



#35
Dibromofluoromethane
Concen: 51.49 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065247.D
Acq: 23 Dec 2020 20:11

Tgt Ion:113	Resp:	122911
Ion Ratio	Lower	Upper
113	100	
111	102.9	81.6 122.4
192	23.3	16.2 24.2

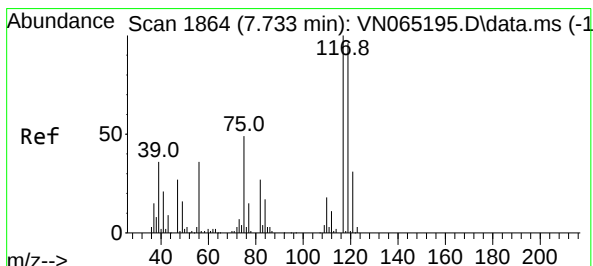
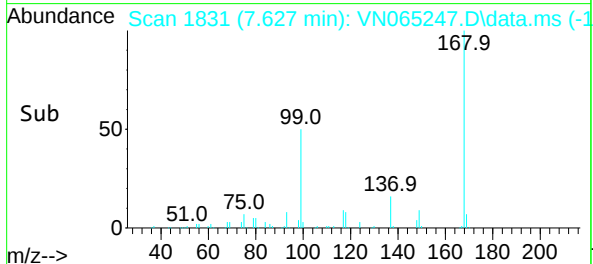
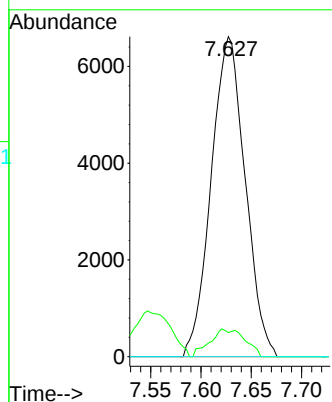
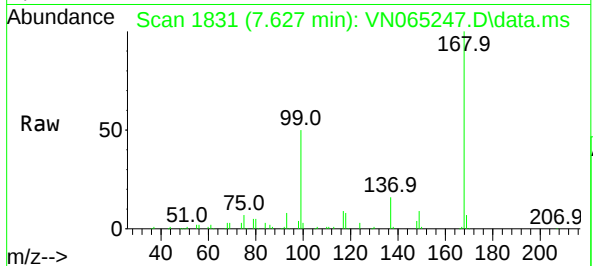




#36
1,1-Dichloropropene
Concen: 4.32 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065247.D
Acq: 23 Dec 2020 20:11

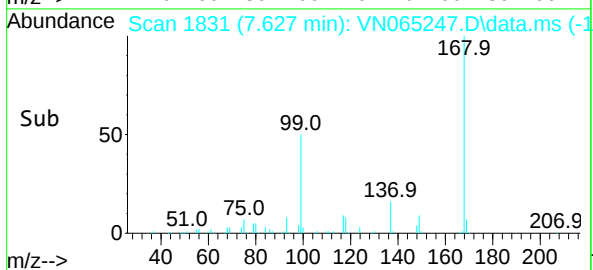
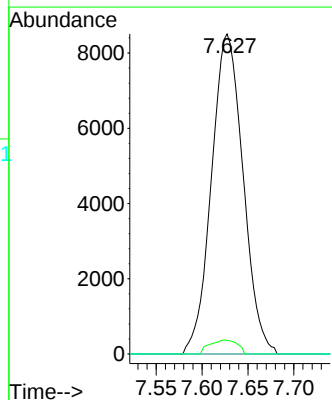
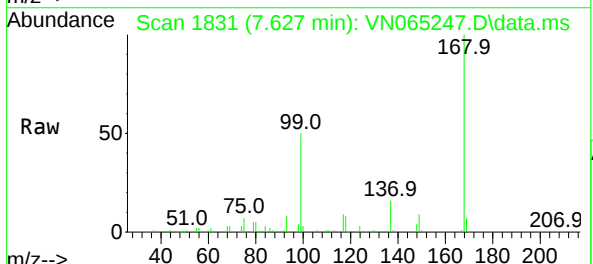
Instrument :
MSVOA_N
ClientSampled :
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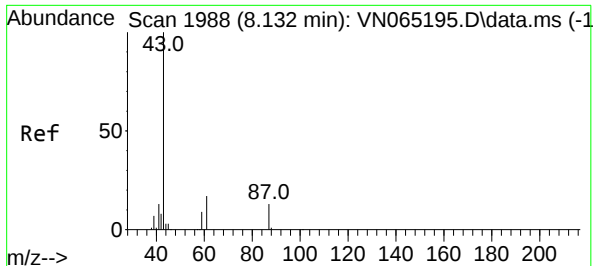
Tgt Ion: 75 Resp: 15539
Ion Ratio Lower Upper
75 100
110 4.9 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.40 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065247.D
Acq: 23 Dec 2020 20:11

Tgt Ion: 117 Resp: 20420
Ion Ratio Lower Upper
117 100
119 4.3 76.7 115.1#
121 0.0 25.4 38.2#

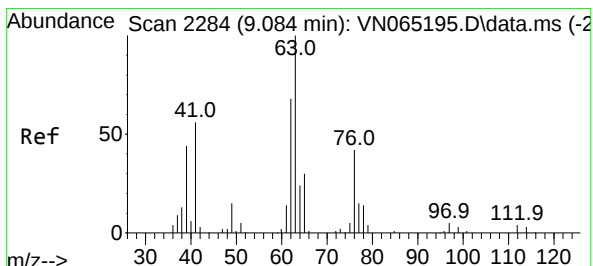
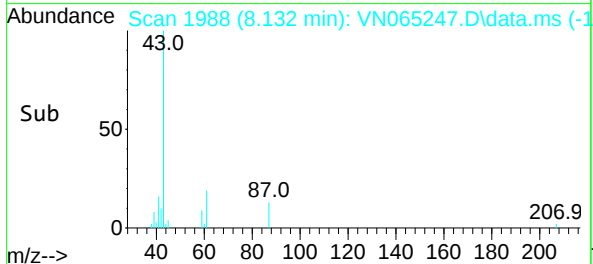
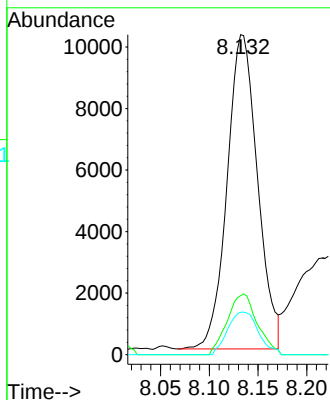
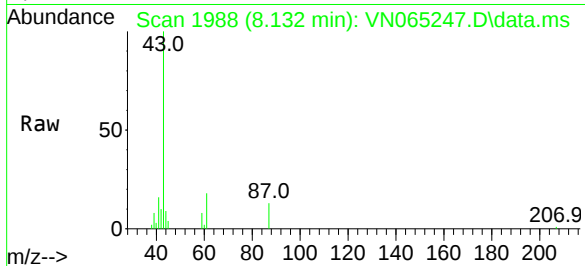




#43
Isopropyl Acetate
Concen: 3.61 ug/l
RT: 8.132 min Scan# 1988
Delta R.T. 0.000 min
Lab File: VN065247.D
Acq: 23 Dec 2020 20:11

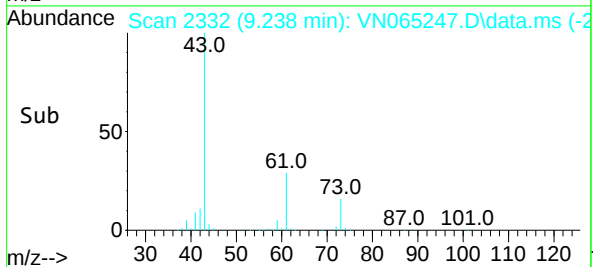
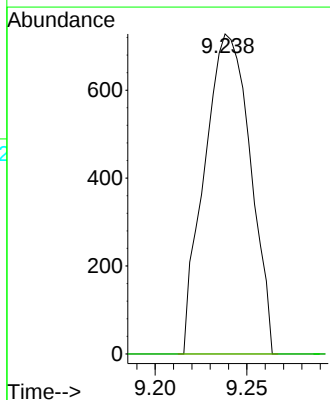
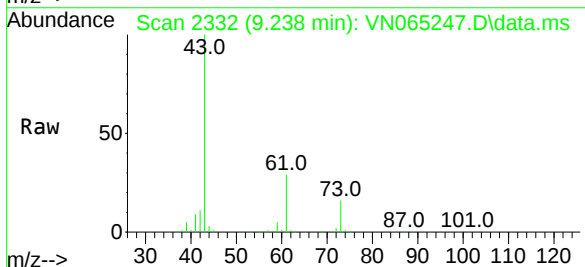
Instrument :
MSVOA_N
ClientSampled :
22

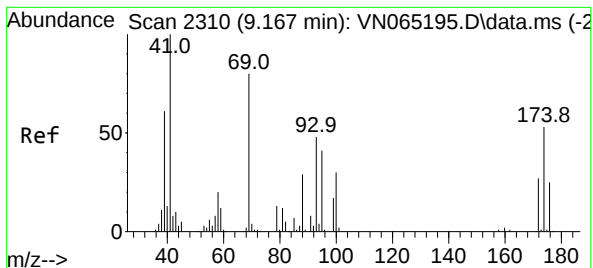
Tgt Ion:	43	Resp:	22197
Ion	Ratio	Lower	Upper
43	100		
61	19.0	17.2	25.8
87	13.7	11.4	17.0



#45
1,2-Dichloropropane
Concen: 0.46 ug/l
RT: 9.238 min Scan# 2332
Delta R.T. 0.154 min
Lab File: VN065247.D
Acq: 23 Dec 2020 20:11

Tgt Ion:	63	Resp:	1268
Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#





#48

Methyl methacrylate

Concen: 1.96 ug/l

RT: 9.148 min Scan# 2304

Delta R.T. -0.019 min

Lab File: VN065247.D

Acq: 23 Dec 2020 20:11

Tgt Ion: 41 Resp: 5845

Ion Ratio Lower Upper

41 100

69 0.0 71.8 107.8#

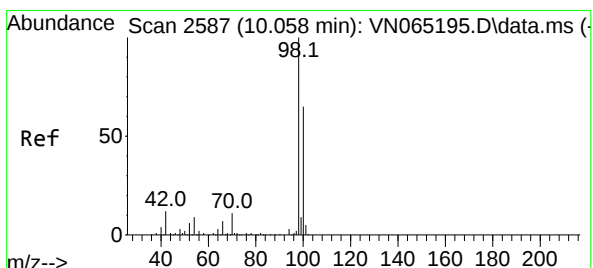
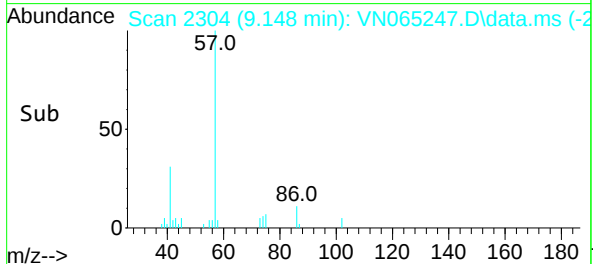
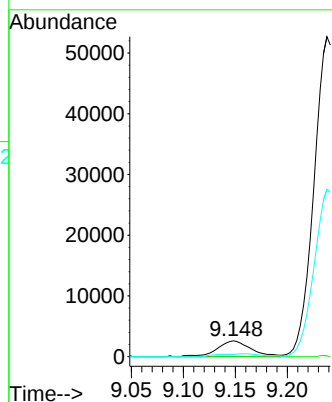
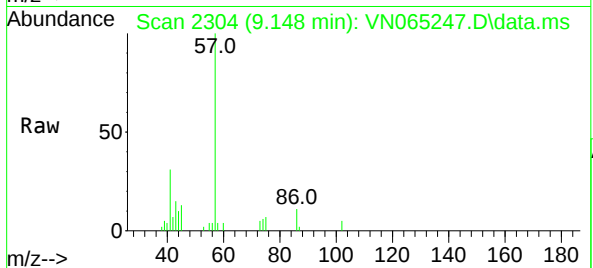
39 0.0 44.1 66.1#

Instrument :

MSVOA_N

ClientSampled :

22



#50

Toluene-d8

Concen: 54.64 ug/l

RT: 10.058 min Scan# 2587

Delta R.T. 0.000 min

Lab File: VN065247.D

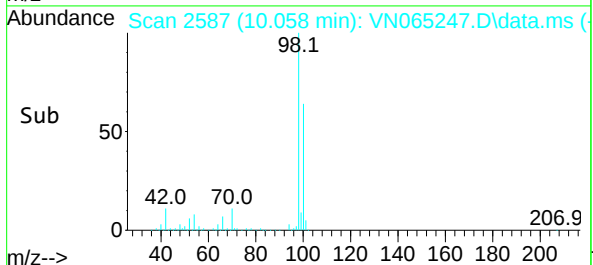
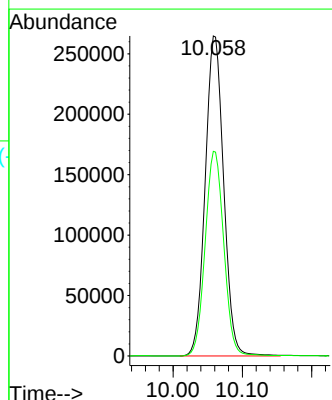
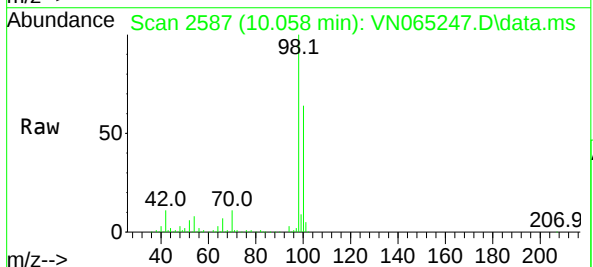
Acq: 23 Dec 2020 20:11

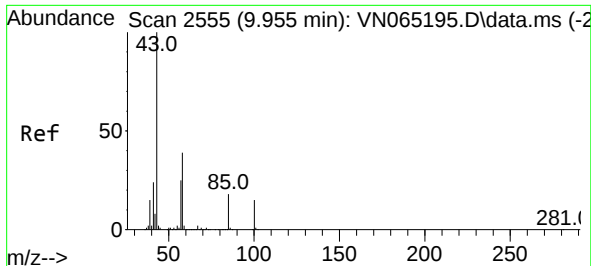
Tgt Ion: 98 Resp: 488842

Ion Ratio Lower Upper

98 100

100 64.4 51.7 77.5

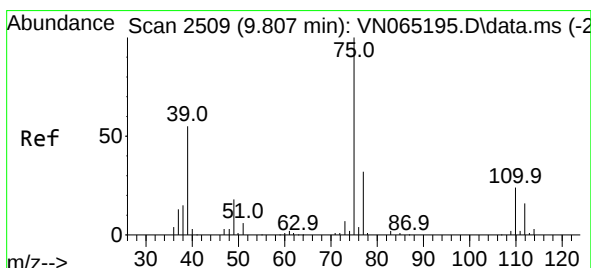
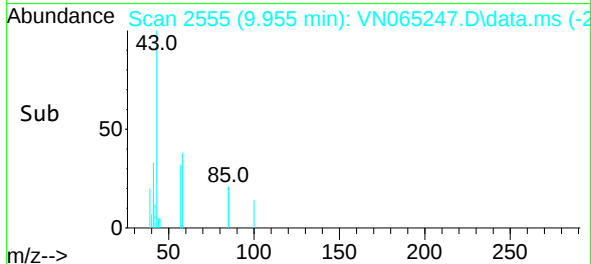
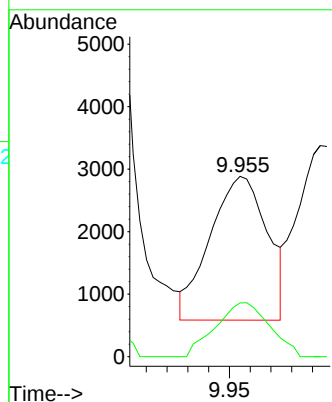
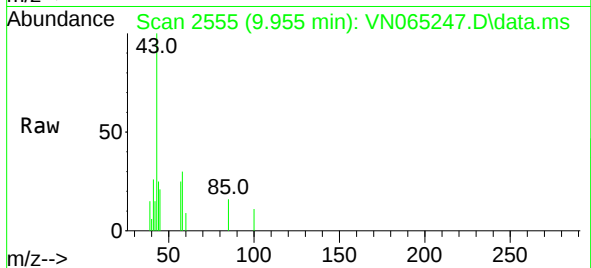




#51
4-Methyl-2-Pentanone
Concen: 1.27 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065247.D
Acq: 23 Dec 2020 20:11

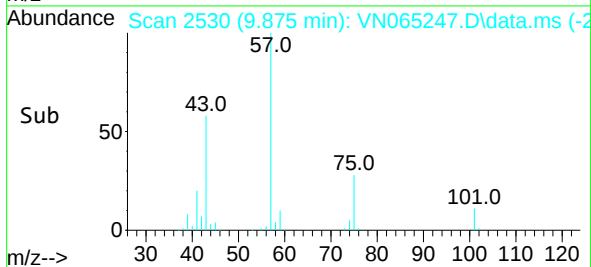
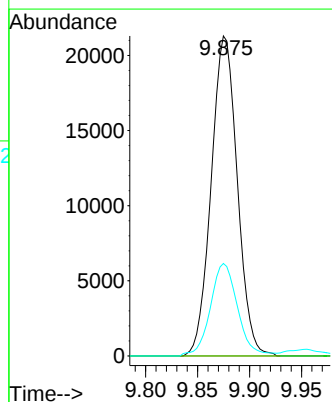
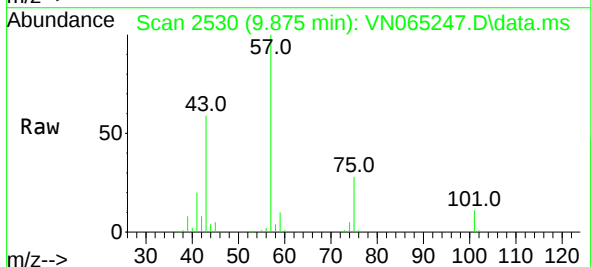
Instrument :
MSVOA_N
ClientSampled :
22

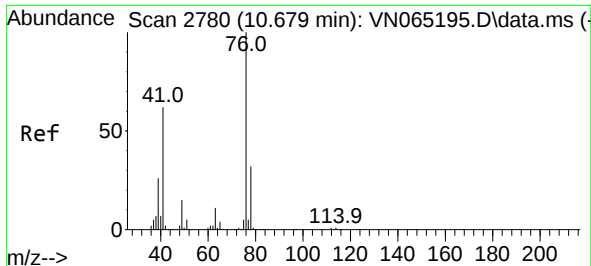
Tgt Ion: 43 Resp: 4398
Ion Ratio Lower Upper
43 100
58 35.5 32.4 48.6



#54
cis-1,3-Dichloropropene
Concen: 7.80 ug/l
RT: 9.875 min Scan# 2530
Delta R.T. 0.068 min
Lab File: VN065247.D
Acq: 23 Dec 2020 20:11

Tgt Ion: 75 Resp: 37205
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 28.9 35.6 53.4#

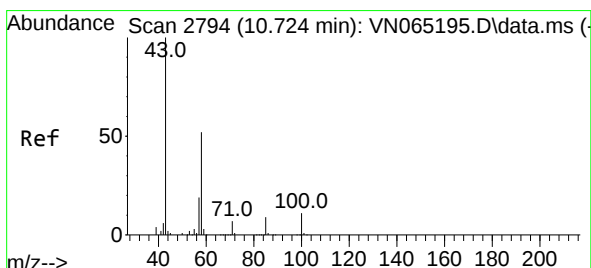
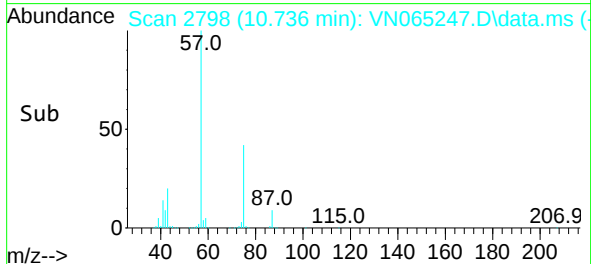
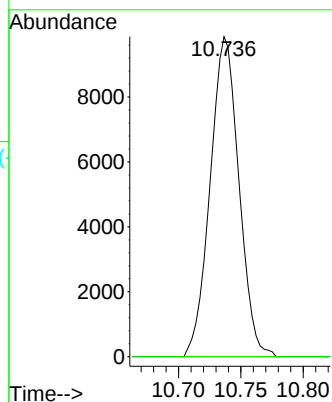
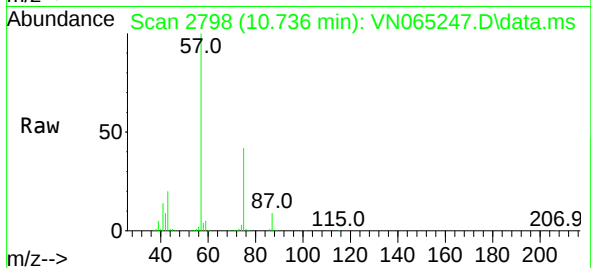




#57
1,3-Dichloropropane
Concen: 3.59 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.057 min
Lab File: VN065247.D
Acq: 23 Dec 2020 20:11

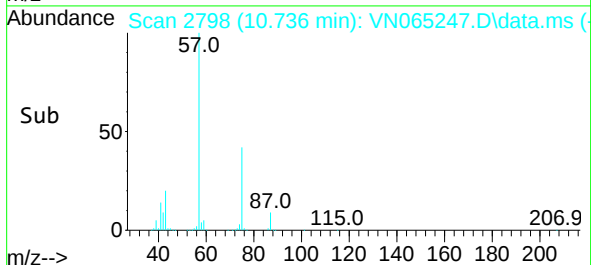
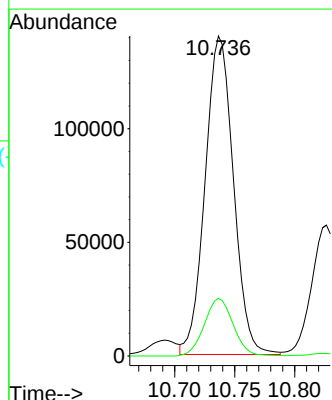
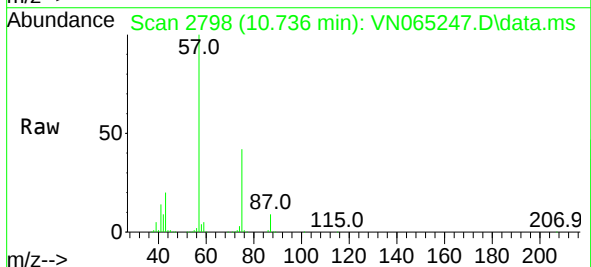
Instrument :
MSVOA_N
ClientSampled :
22

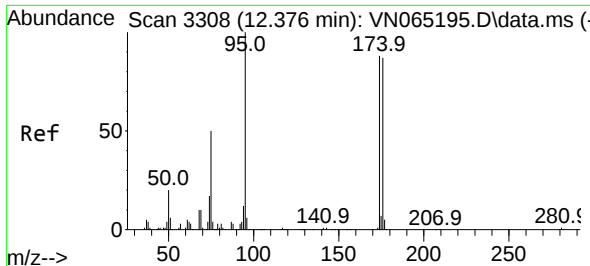
Tgt Ion: 76 Resp: 15830
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 90.60 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.012 min
Lab File: VN065247.D
Acq: 23 Dec 2020 20:11

Tgt Ion: 43 Resp: 230152
Ion Ratio Lower Upper
43 100
58 18.4 28.3 84.9#

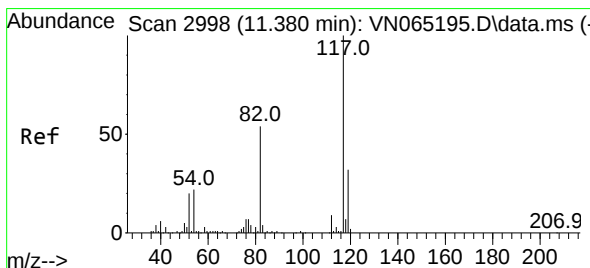
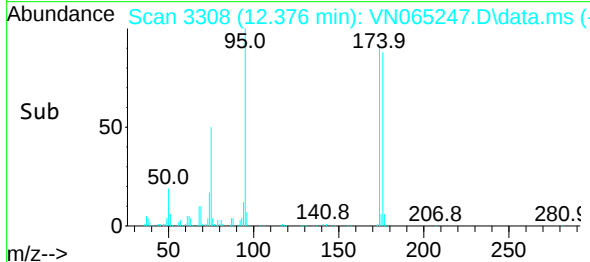
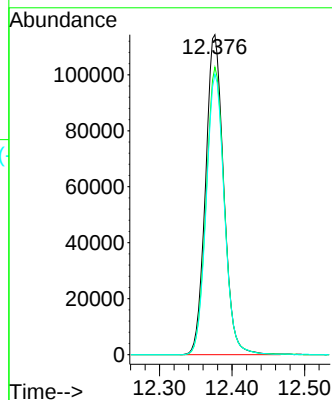
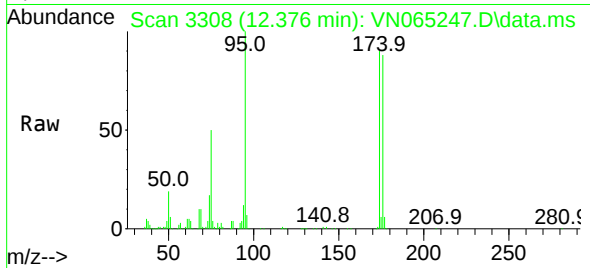




#62
4-Bromofluorobenzene
Concen: 55.50 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065247.D
Acq: 23 Dec 2020 20:11

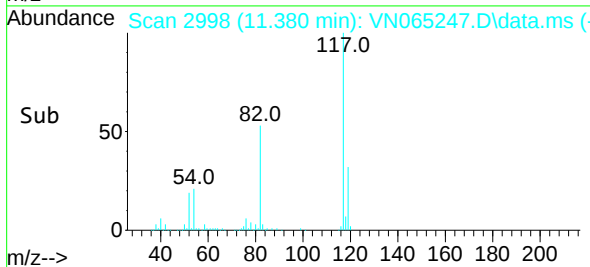
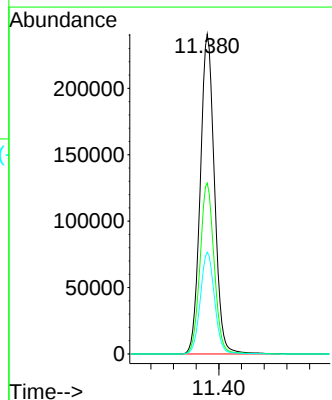
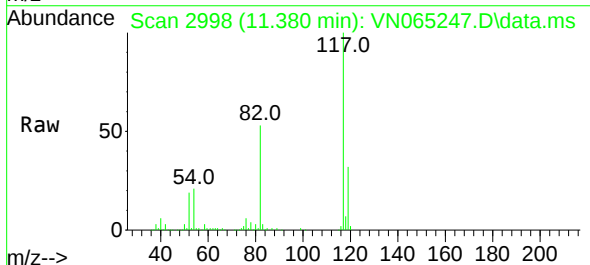
Instrument :
MSVOA_N
ClientSampleId :
22

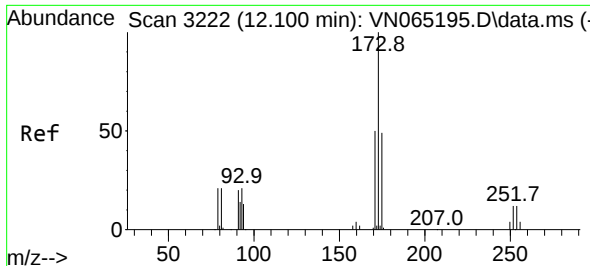
Tgt Ion: 95 Resp: 198596
Ion Ratio Lower Upper
95 100
174 90.0 0.0 160.4
176 87.7 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065247.D
Acq: 23 Dec 2020 20:11

Tgt Ion: 117 Resp: 418700
Ion Ratio Lower Upper
117 100
82 53.4 44.2 66.2
119 31.8 25.8 38.6

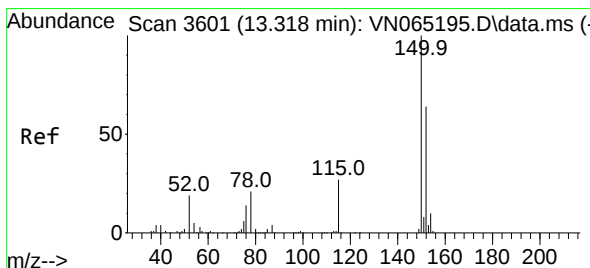
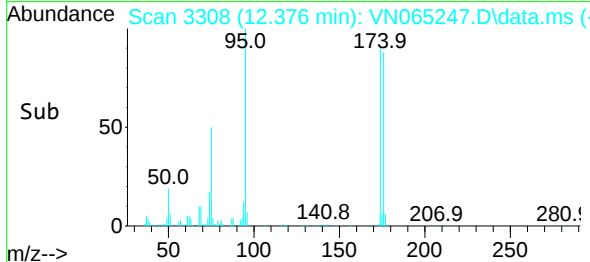
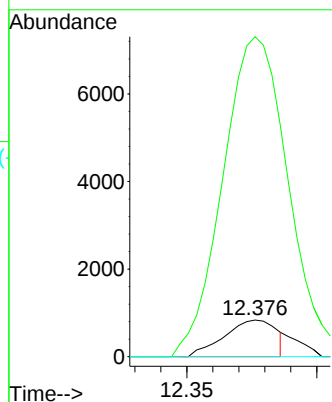
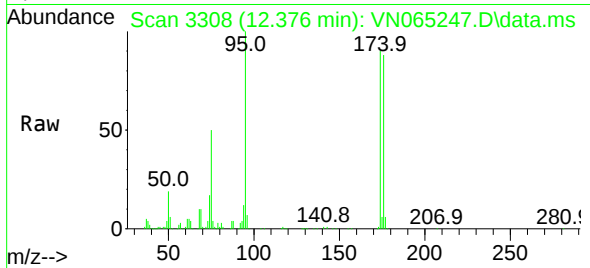




#71
Bromoform
Concen: 0.41 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065247.D
Acq: 23 Dec 2020 20:11

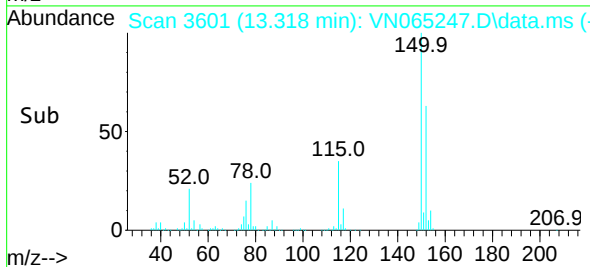
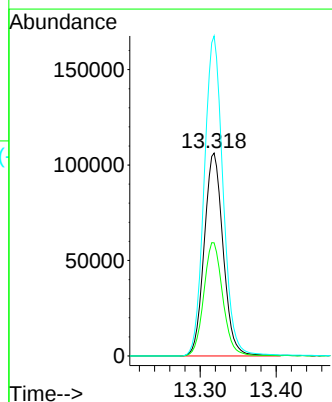
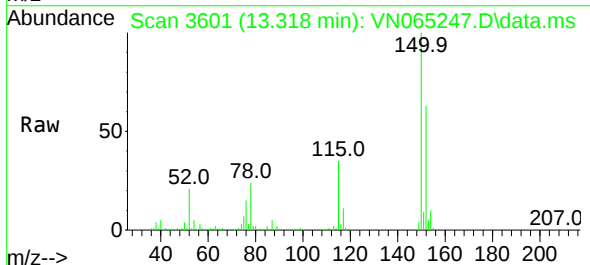
Instrument :
MSVOA_N
ClientSampleId :
22

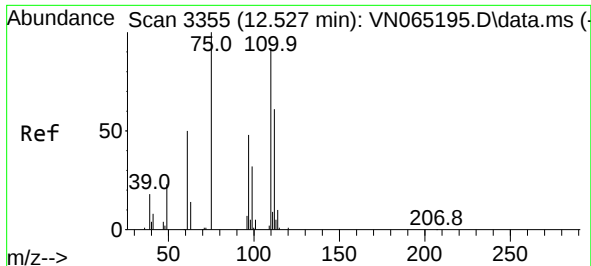
Tgt Ion:173 Resp: 1168
Ion Ratio Lower Upper
173 100
175 906.3 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065247.D
Acq: 23 Dec 2020 20:11

Tgt Ion:152 Resp: 184043
Ion Ratio Lower Upper
152 100
115 55.9 29.7 89.1
150 157.6 0.0 350.6

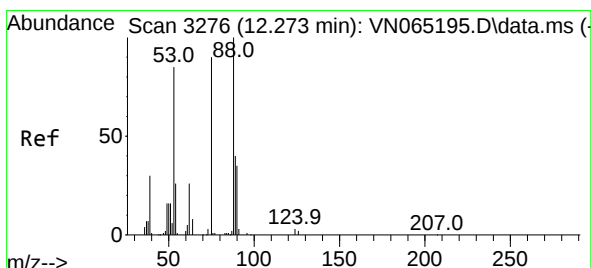
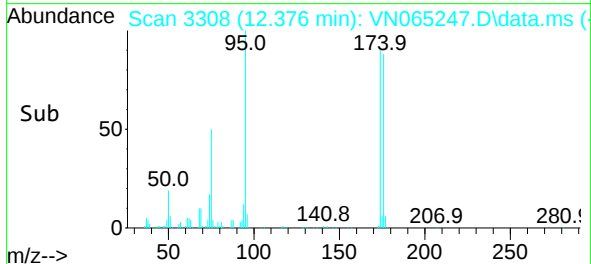
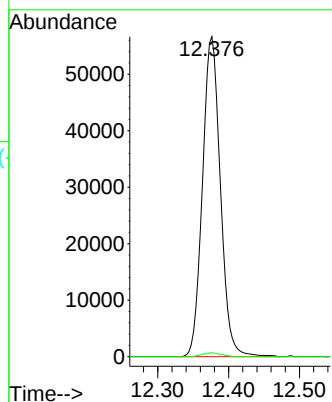
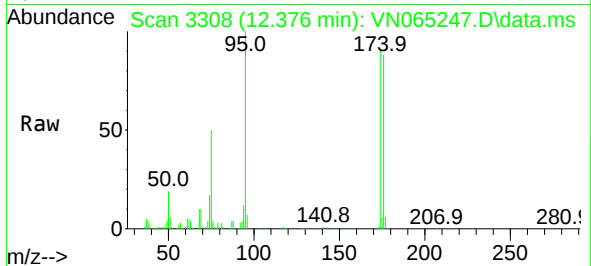




#76
1,2,3-Trichloropropane
Concen: 26.49 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065247.D
Acq: 23 Dec 2020 20:11

Instrument :
MSVOA_N
ClientSampleId :
22

Tgt Ion: 75 Resp: 99453
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.79 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065247.D
Acq: 23 Dec 2020 20:11

Tgt Ion: 75 Resp: 99453
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

