

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122320\
 Data File : VN065242.D
 Acq On : 23 Dec 2020 18:08
 Operator : JC/MD
 Sample : L5189-13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 18-1-3

Quant Time: Dec 24 04:23:17 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)

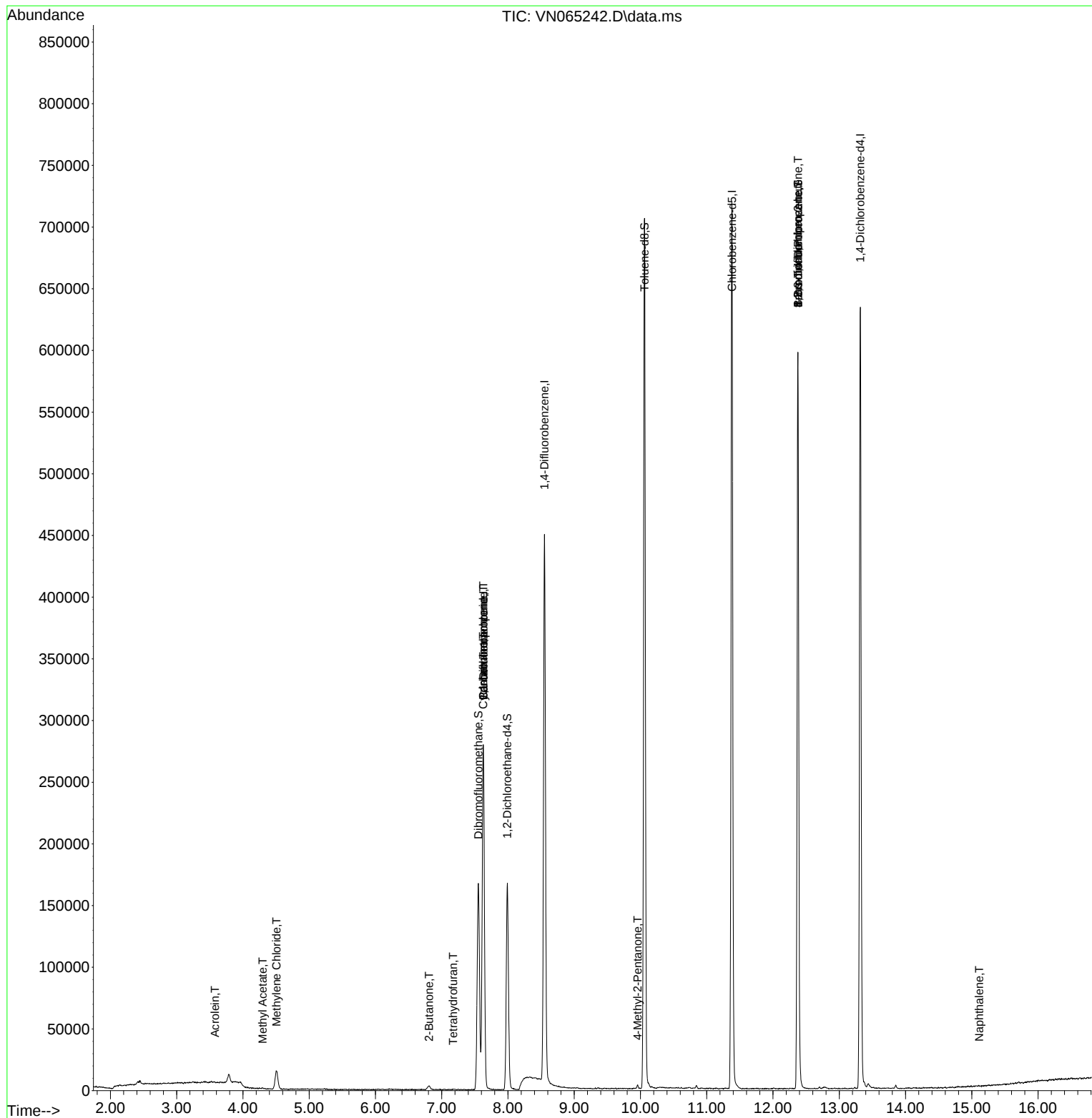
Internal Standards						
1) Pentafluorobenzene	7.627	168	248923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	408461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	432303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	188583	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	146038	51.97	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.94%			
35) Dibromofluoromethane	7.553	113	128270	52.05	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.10%			
50) Toluene-d8	10.061	98	511612	55.39	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.78%			
62) 4-Bromofluorobenzene	12.376	95	204225	55.31	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.62%			
Target Compounds					Qvalue	
13) Acrolein	3.576	56	221	3.11	ug/l	99
16) Acetone	3.785	43	10721	Below Cal		97
18) Methyl Acetate	4.296	43	820	0.32	ug/l #	50
20) Methylene Chloride	4.505	84	11633	4.24	ug/l	96
25) 2-Butanone	6.807	43	2978	1.89	ug/l	96
29) Tetrahydrofuran	7.174	42	531	0.52	ug/l #	32
31) Cyclohexane	7.624	56	4546	1.10	ug/l #	8
36) 1,1-Dichloropropene	7.627	75	16340	4.40	ug/l #	46
38) Carbon Tetrachloride	7.627	117	21269	5.45	ug/l #	17
51) 4-Methyl-2-Pentanone	9.955	43	1732	0.49	ug/l #	75
71) Bromoform	12.376	173	1315	0.45	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	104828	27.25	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	104828	68.70	ug/l #	15
95) Naphthalene	15.113	128	29	3.37	ug/l #	69

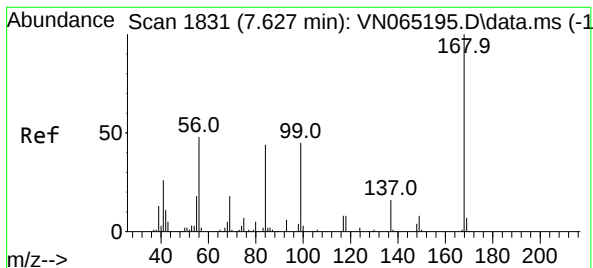
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN065242.D

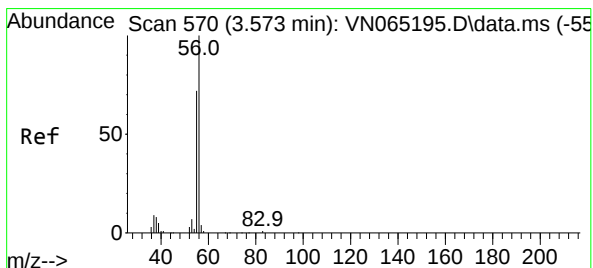
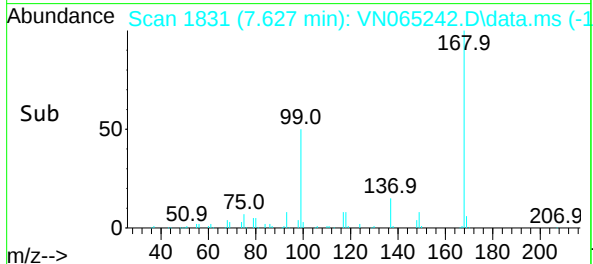
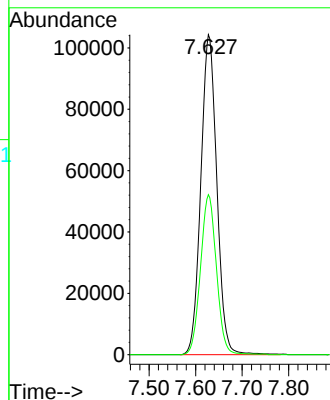
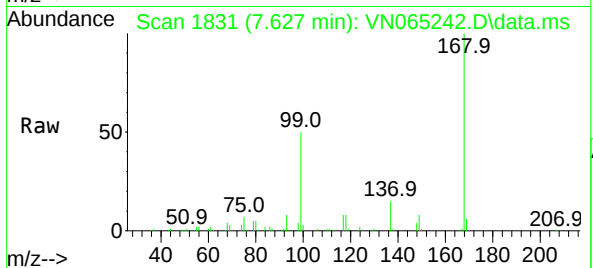
Acq: 23 Dec 2020 18:08

Tgt Ion:168 Resp: 248923

Ion Ratio Lower Upper

168 100

99 50.0 43.0 64.4



#13

Acrolein

Concen: 3.11 ug/l

RT: 3.576 min Scan# 571

Delta R.T. 0.003 min

Lab File: VN065242.D

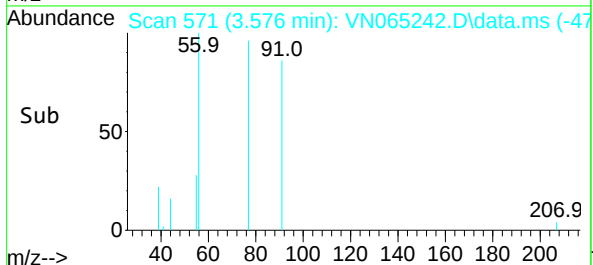
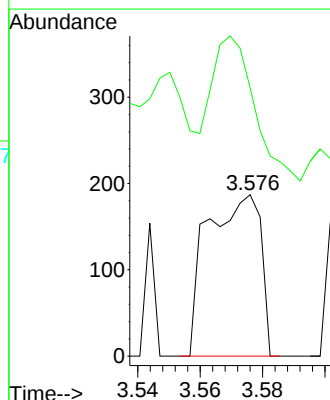
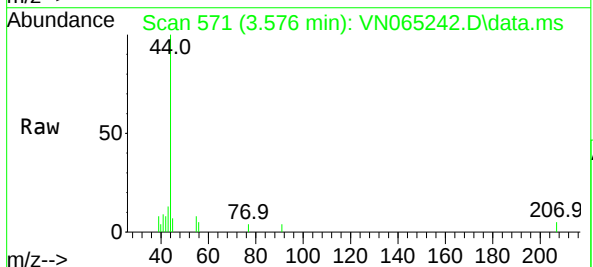
Acq: 23 Dec 2020 18:08

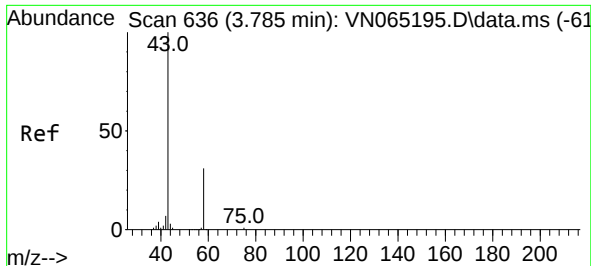
Tgt Ion: 56 Resp: 221

Ion Ratio Lower Upper

56 100

55 71.0 56.5 84.7

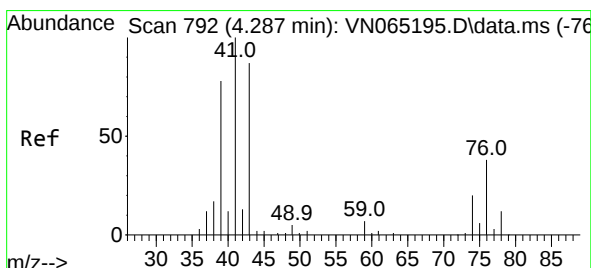
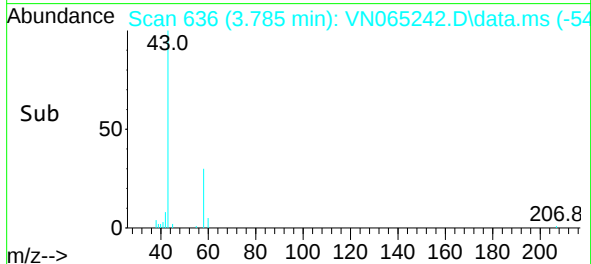
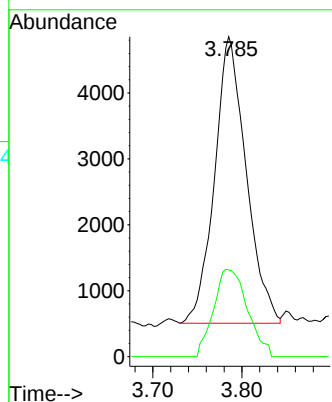
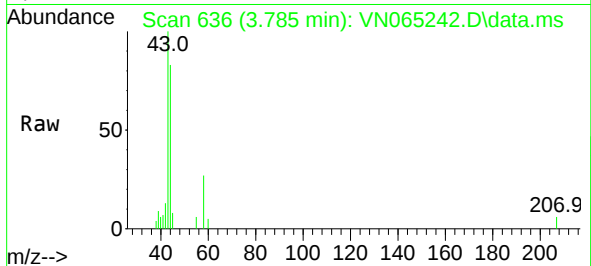




#16
Acetone
Concen: Below Cal
RT: 3.785 min Scan# 636
Delta R.T. -0.000 min
Lab File: VN065242.D
Acq: 23 Dec 2020 18:08

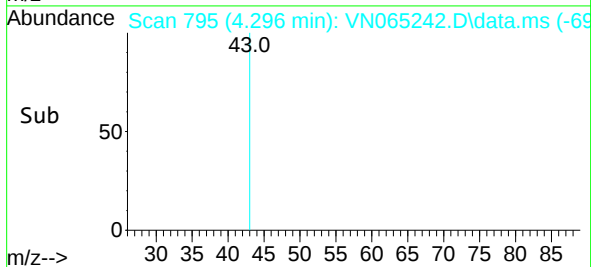
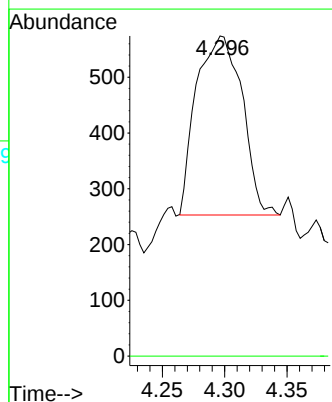
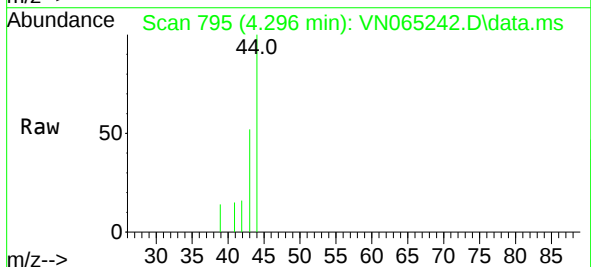
Instrument :
MSVOA_N
ClientSampleId :
18-1-3

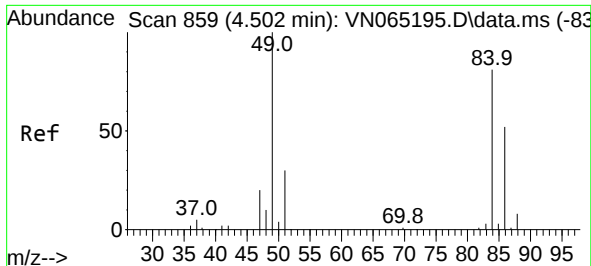
Tgt Ion: 43 Resp: 10721
Ion Ratio Lower Upper
43 100
58 30.3 25.7 38.5



#18
Methyl Acetate
Concen: 0.32 ug/l
RT: 4.296 min Scan# 795
Delta R.T. 0.009 min
Lab File: VN065242.D
Acq: 23 Dec 2020 18:08

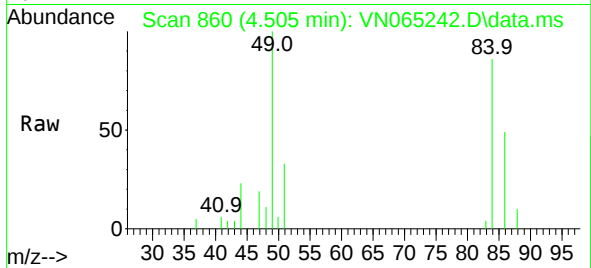
Tgt Ion: 43 Resp: 820
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



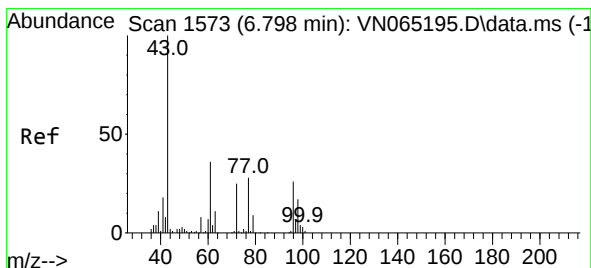
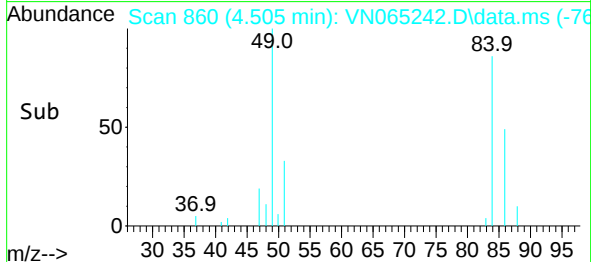
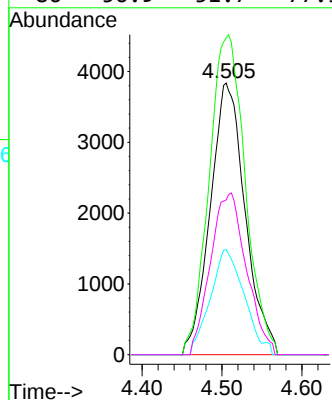


#20
Methylene Chloride
Concen: 4.24 ug/l
RT: 4.505 min Scan# 860
Delta R.T. 0.003 min
Lab File: VN065242.D
Acq: 23 Dec 2020 18:08

Instrument :
MSVOA_N
ClientSampled :
18-1-3

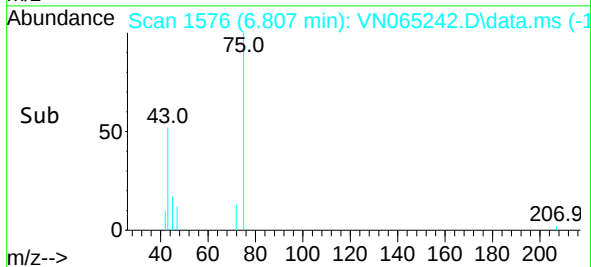
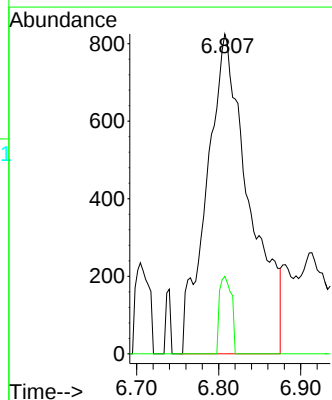
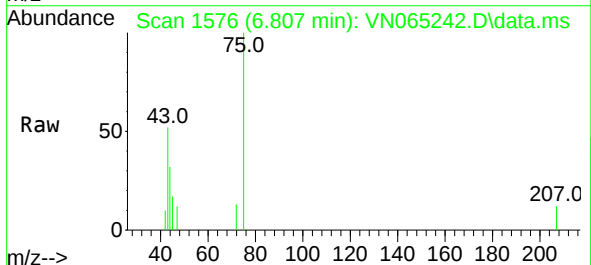


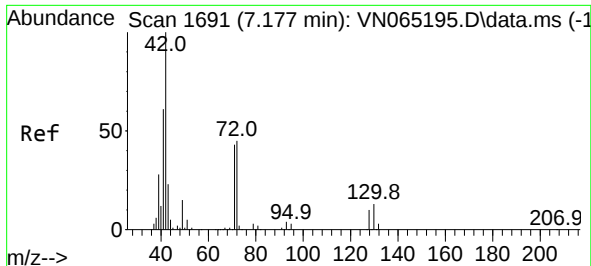
Tgt Ion:	84	Resp:	11633
Ion	Ratio	Lower	Upper
84	100		
49	116.5	93.4	140.0
51	38.7	28.2	42.4
86	56.9	51.7	77.5



#25
2-Butanone
Concen: 1.89 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. 0.009 min
Lab File: VN065242.D
Acq: 23 Dec 2020 18:08

Tgt Ion:	43	Resp:	2978
Ion	Ratio	Lower	Upper
43	100		
72	24.2	21.0	31.6





#29

Tetrahydrofuran

Concen: 0.52 ug/l

RT: 7.174 min Scan# 1690

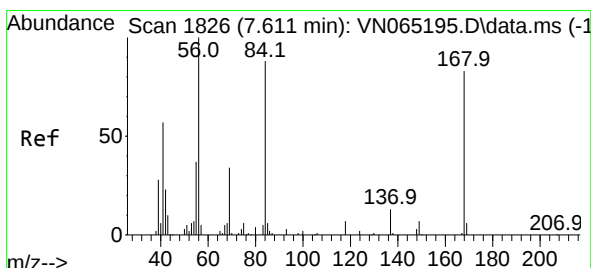
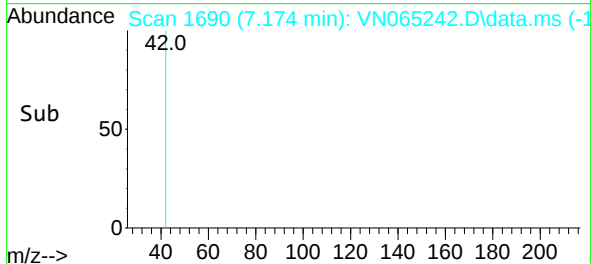
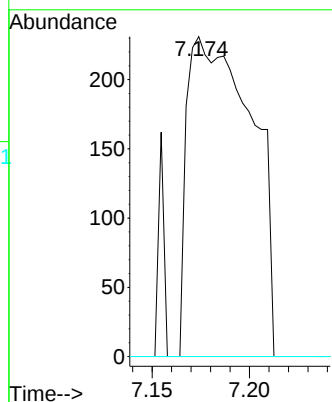
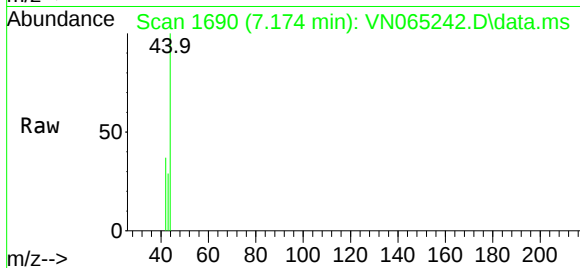
Delta R.T. -0.003 min

Lab File: VN065242.D

Acq: 23 Dec 2020 18:08

Instrument :
MSVOA_N
ClientSampleId :
18-1-3

Tgt Ion:	42	Resp:	531
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	54.8#
71	0.0	33.6	50.4#



#31

Cyclohexane

Concen: 1.10 ug/l

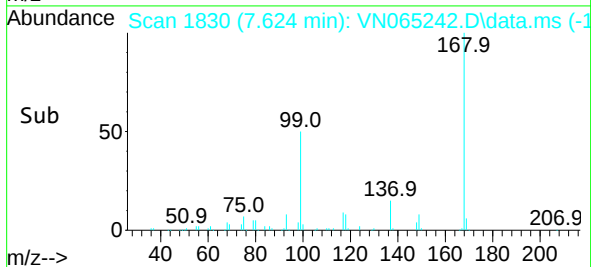
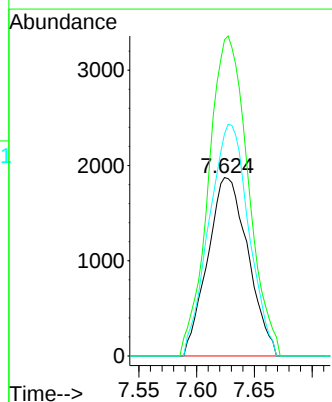
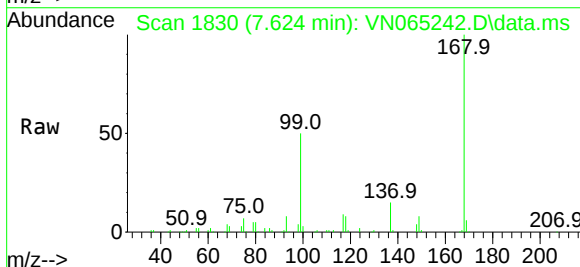
RT: 7.624 min Scan# 1830

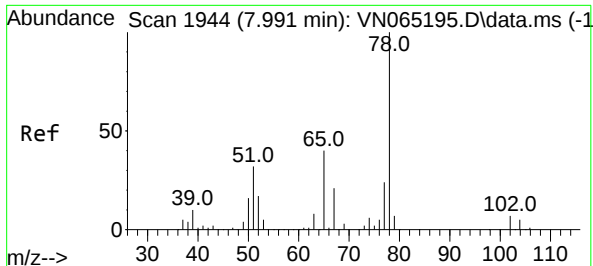
Delta R.T. 0.013 min

Lab File: VN065242.D

Acq: 23 Dec 2020 18:08

Tgt Ion:	56	Resp:	4546
Ion	Ratio	Lower	Upper
56	100		
69	177.3	27.5	41.3#
84	124.6	73.9	110.9#

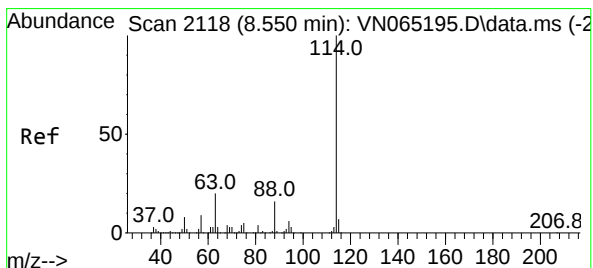
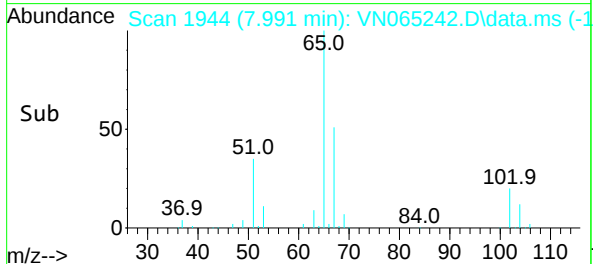
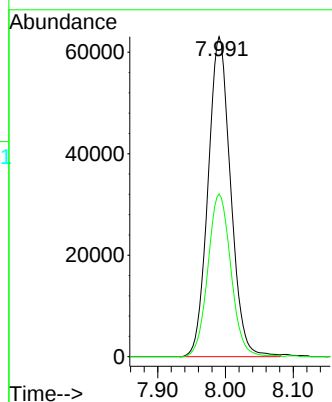
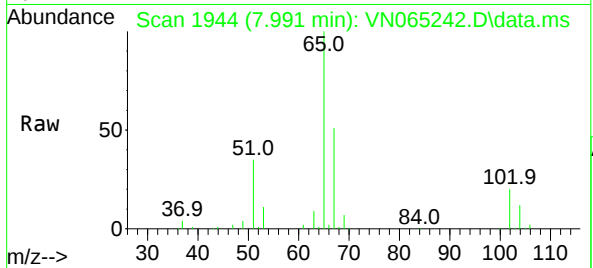




#33
1,2-Dichloroethane-d4
Concen: 51.97 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065242.D
Acq: 23 Dec 2020 18:08

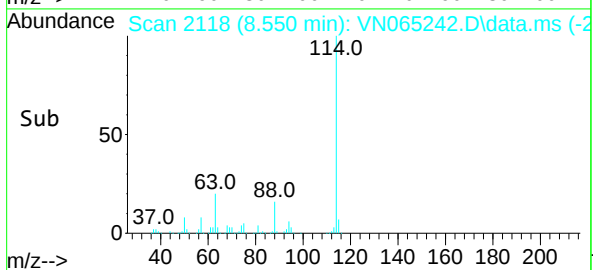
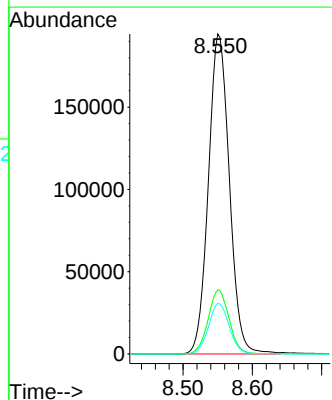
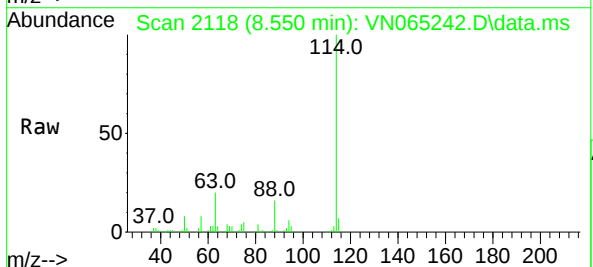
Instrument :
MSVOA_N
ClientSampled :
18-1-3

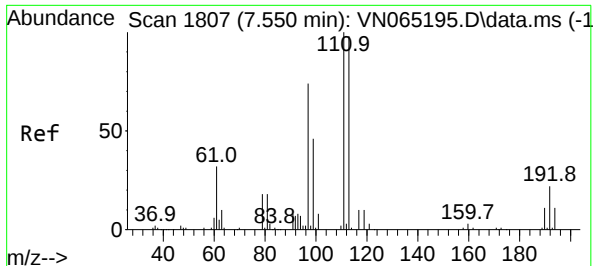
Tgt Ion: 65 Resp: 146038
Ion Ratio Lower Upper
65 100
67 51.7 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065242.D
Acq: 23 Dec 2020 18:08

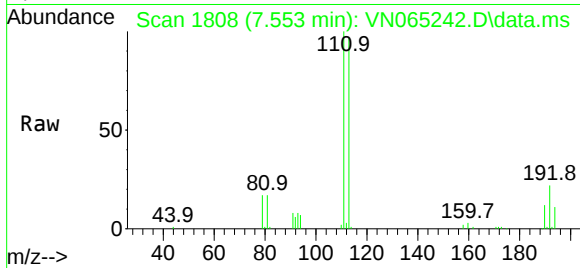
Tgt Ion: 114 Resp: 408461
Ion Ratio Lower Upper
114 100
63 20.0 0.0 38.6
88 15.8 0.0 32.6



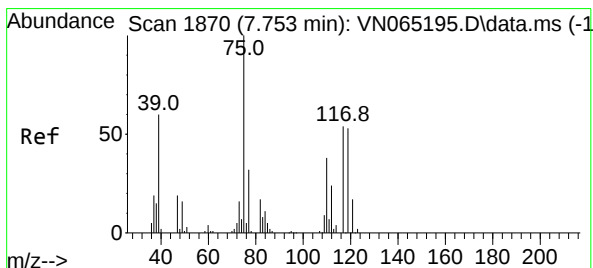
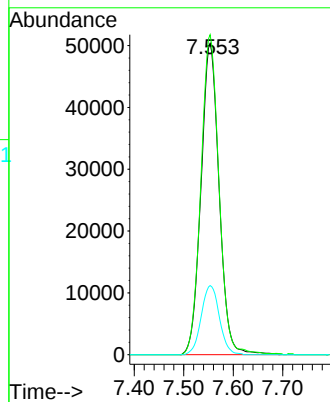
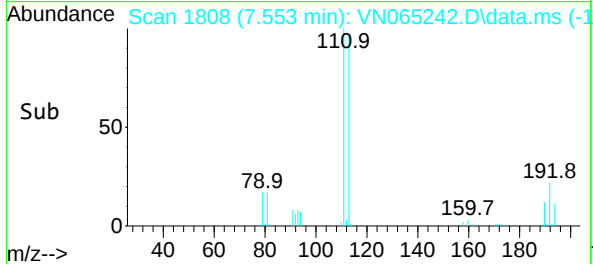


#35
 Dibromofluoromethane
 Concen: 52.05 ug/l
 RT: 7.553 min Scan# 1808
 Delta R.T. 0.003 min
 Lab File: VN065242.D
 Acq: 23 Dec 2020 18:08

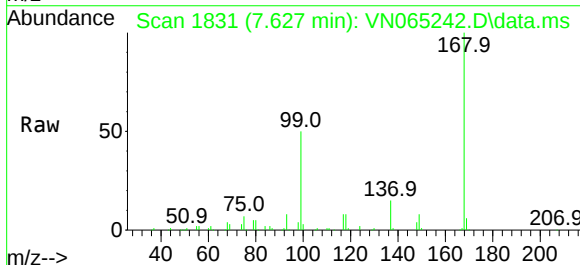
Instrument :
 MSVOA_N
 ClientSampleId :
 18-1-3



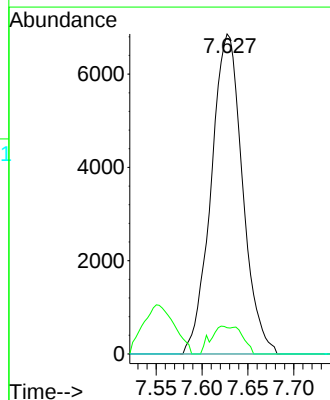
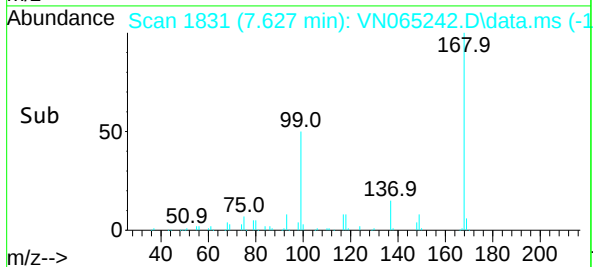
Tgt Ion:113 Resp: 128270
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.6 122.4
 192 22.2 16.2 24.2

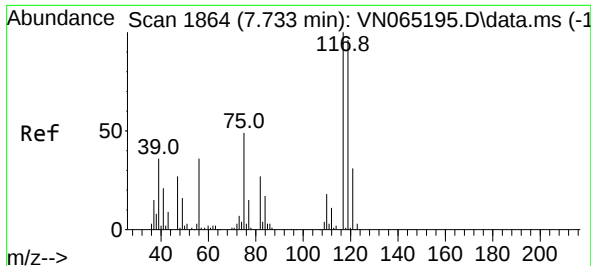


#36
 1,1-Dichloropropene
 Concen: 4.40 ug/l
 RT: 7.627 min Scan# 1831
 Delta R.T. -0.126 min
 Lab File: VN065242.D
 Acq: 23 Dec 2020 18:08



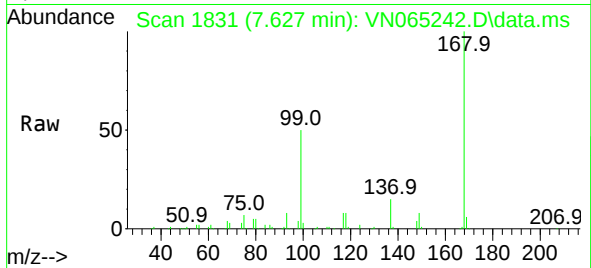
Tgt Ion: 75 Resp: 16340
 Ion Ratio Lower Upper
 75 100
 110 5.3 17.8 53.3#
 77 0.0 25.0 37.4#



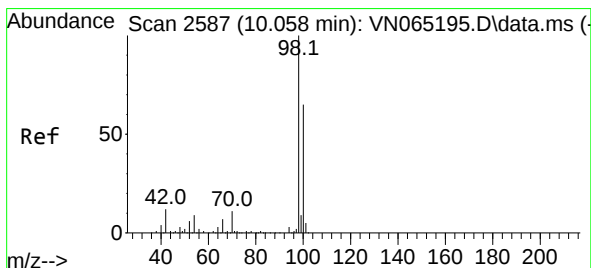
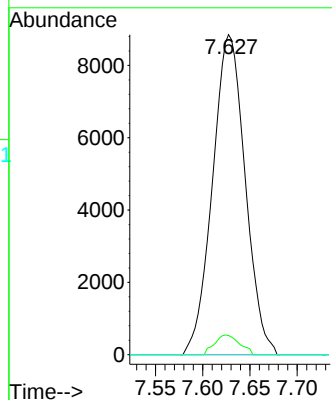
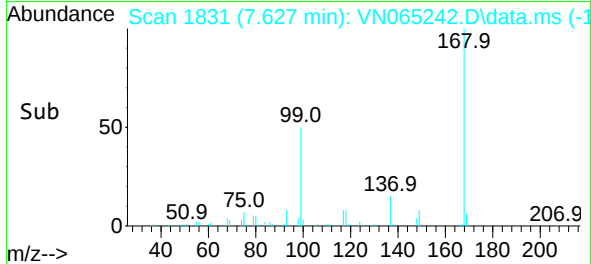


#38
Carbon Tetrachloride
Concen: 5.45 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065242.D
Acq: 23 Dec 2020 18:08

Instrument :
MSVOA_N
ClientSampled :
18-1-3

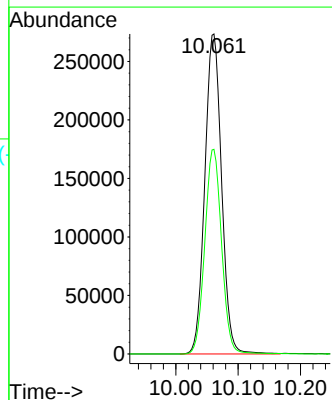
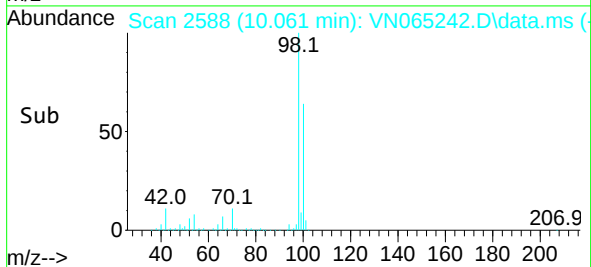
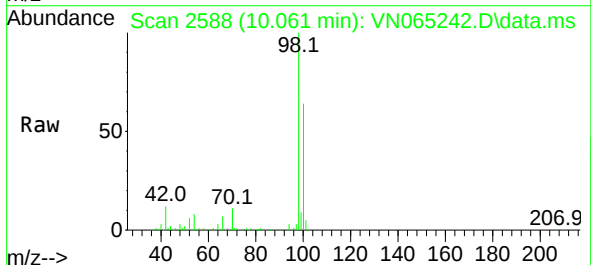


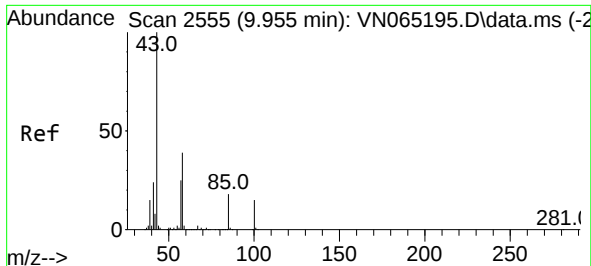
Tgt Ion:117 Resp: 21269
Ion Ratio Lower Upper
117 100
119 6.0 76.7 115.1#
121 0.0 25.4 38.2#



#50
Toluene-d8
Concen: 55.39 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065242.D
Acq: 23 Dec 2020 18:08

Tgt Ion: 98 Resp: 511612
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5

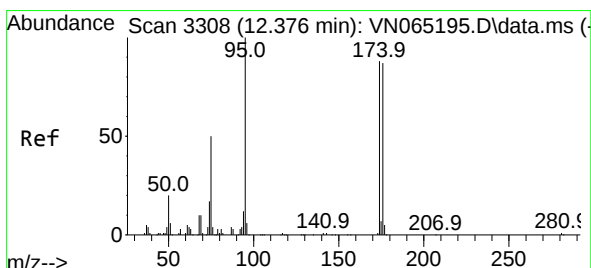
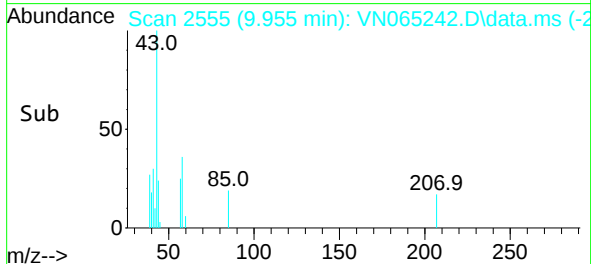
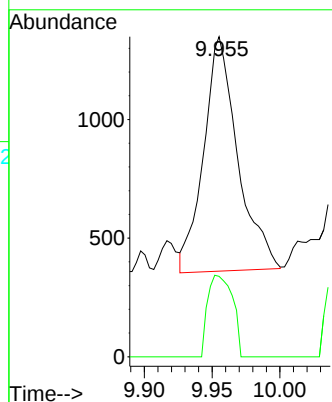
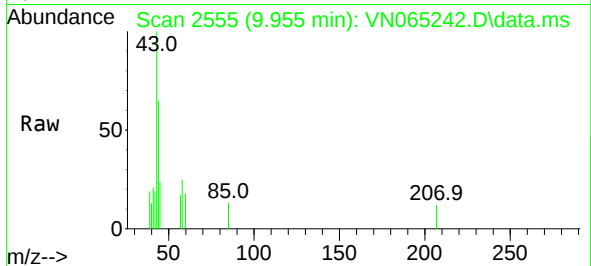




#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065242.D
Acq: 23 Dec 2020 18:08

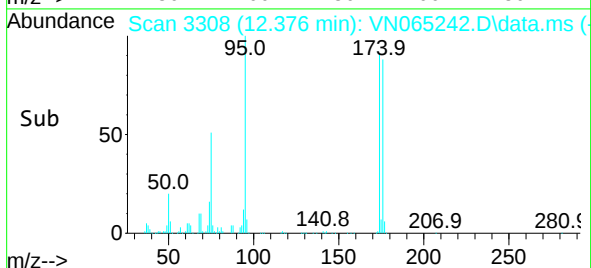
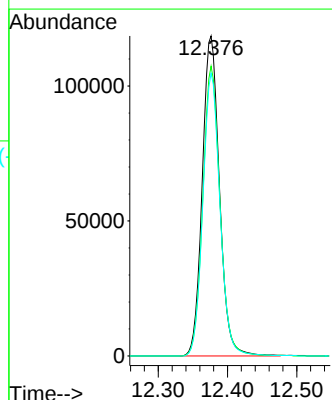
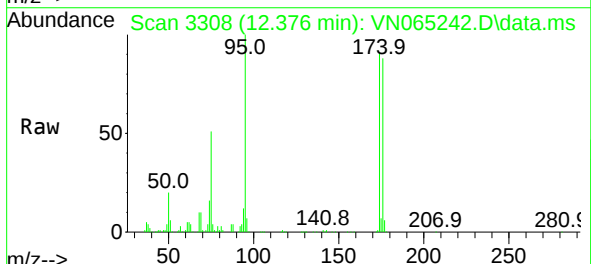
Instrument :
MSVOA_N
ClientSampleId :
18-1-3

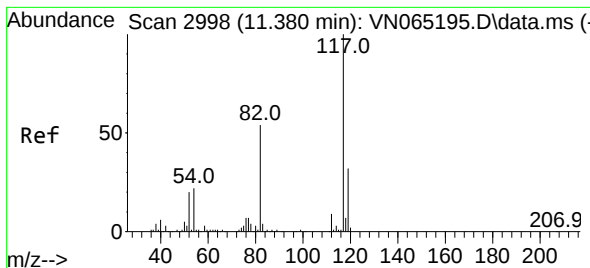
Tgt Ion: 43 Resp: 1732
Ion Ratio Lower Upper
43 100
58 25.2 32.4 48.6#



#62
4-Bromofluorobenzene
Concen: 55.31 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065242.D
Acq: 23 Dec 2020 18:08

Tgt Ion: 95 Resp: 204225
Ion Ratio Lower Upper
95 100
174 90.2 0.0 160.4
176 87.8 0.0 158.4

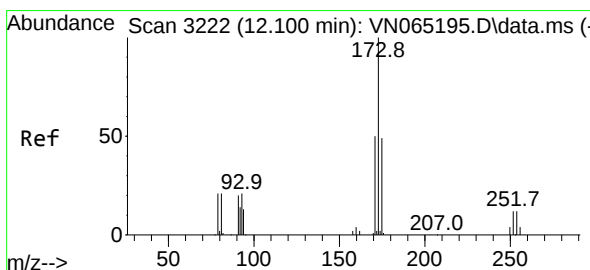
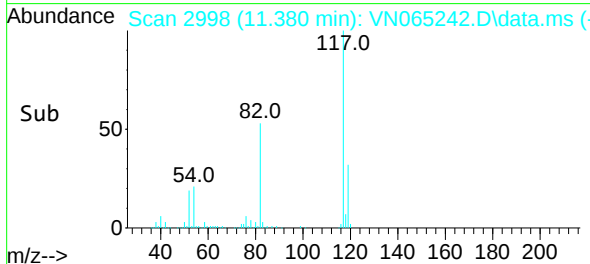
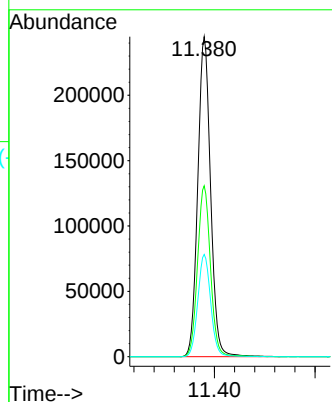
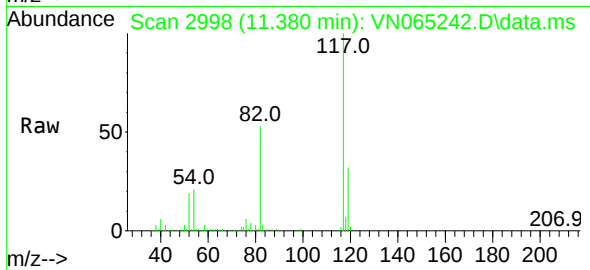




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065242.D
Acq: 23 Dec 2020 18:08

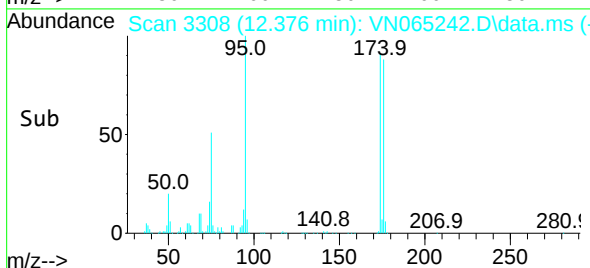
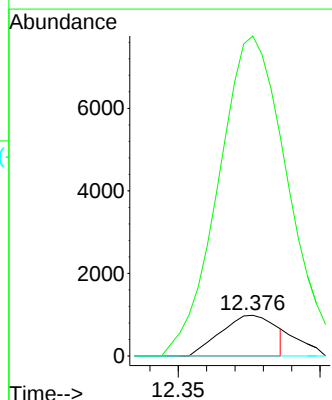
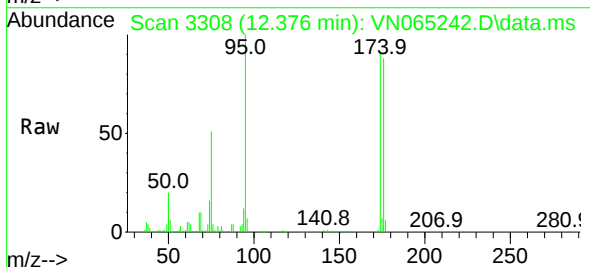
Instrument :
MSVOA_N
ClientSampleId :
18-1-3

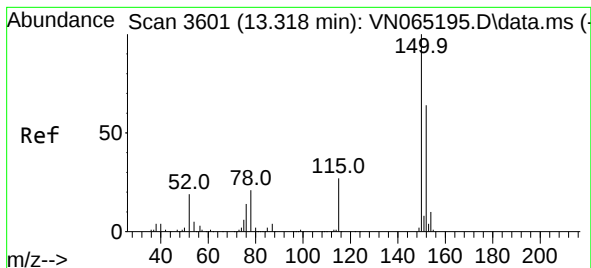
Tgt Ion:117 Resp: 432303
Ion Ratio Lower Upper
117 100
82 53.4 44.2 66.2
119 32.0 25.8 38.6



#71
Bromoform
Concen: 0.45 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065242.D
Acq: 23 Dec 2020 18:08

Tgt Ion:173 Resp: 1315
Ion Ratio Lower Upper
173 100
175 828.7 24.3 72.8#
254 0.0 0.0 0.0

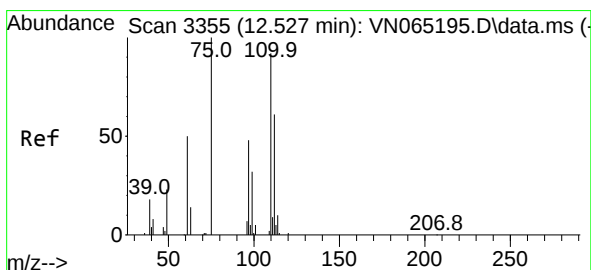
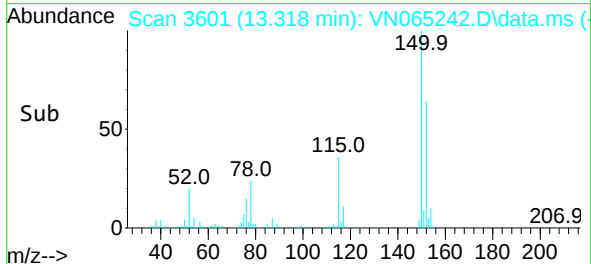
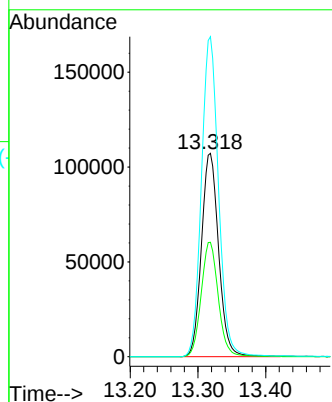
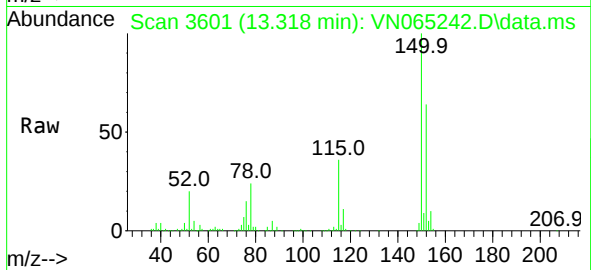




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065242.D
Acq: 23 Dec 2020 18:08

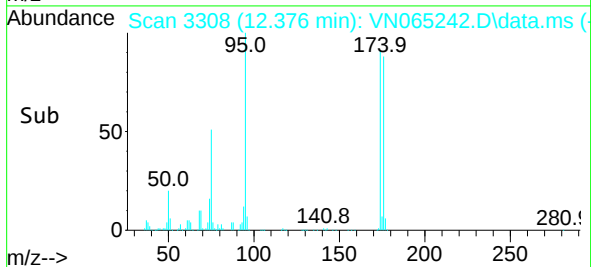
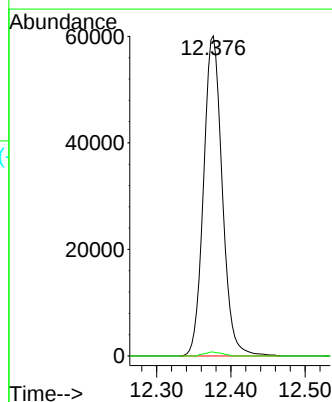
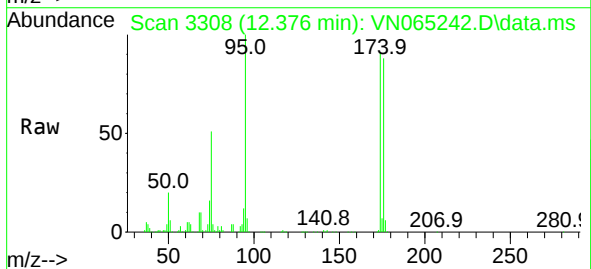
Instrument :
MSVOA_N
ClientSampled :
18-1-3

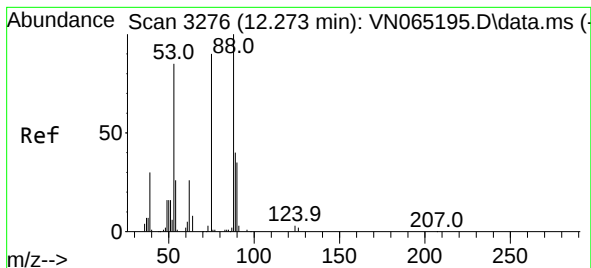
Tgt Ion:152 Resp: 188583
Ion Ratio Lower Upper
152 100
115 55.9 29.7 89.1
150 156.6 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 27.25 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065242.D
Acq: 23 Dec 2020 18:08

Tgt Ion: 75 Resp: 104828
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

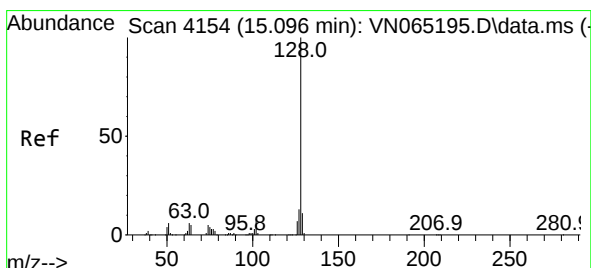
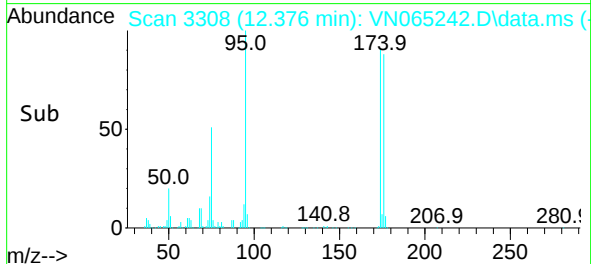
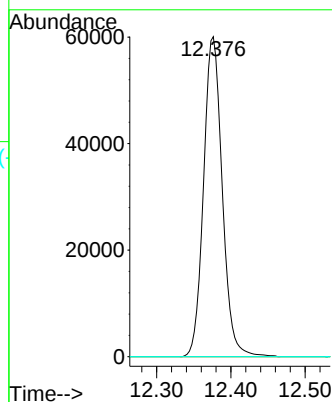
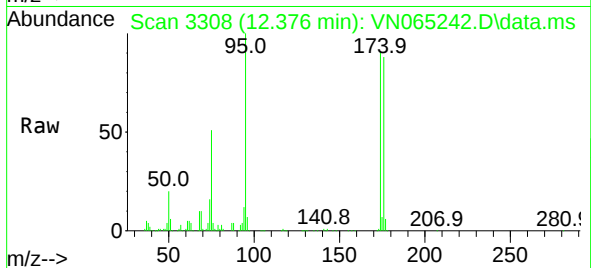




#81
trans-1,4-Dichloro-2-butene
Concen: 68.70 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065242.D
Acq: 23 Dec 2020 18:08

Instrument :
MSVOA_N
ClientSampled :
18-1-3

Tgt Ion: 75 Resp: 104828
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#



#95
Naphthalene
Concen: 3.37 ug/l
RT: 15.113 min Scan# 4159
Delta R.T. 0.017 min
Lab File: VN065242.D
Acq: 23 Dec 2020 18:08

Tgt Ion:128 Resp: 29
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#

