

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010521\
 Data File : VN065385.D
 Acq On : 5 Jan 2021 13:58
 Operator : JC/MD
 Sample : PB133896TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 06 01:16:17 2021
 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)

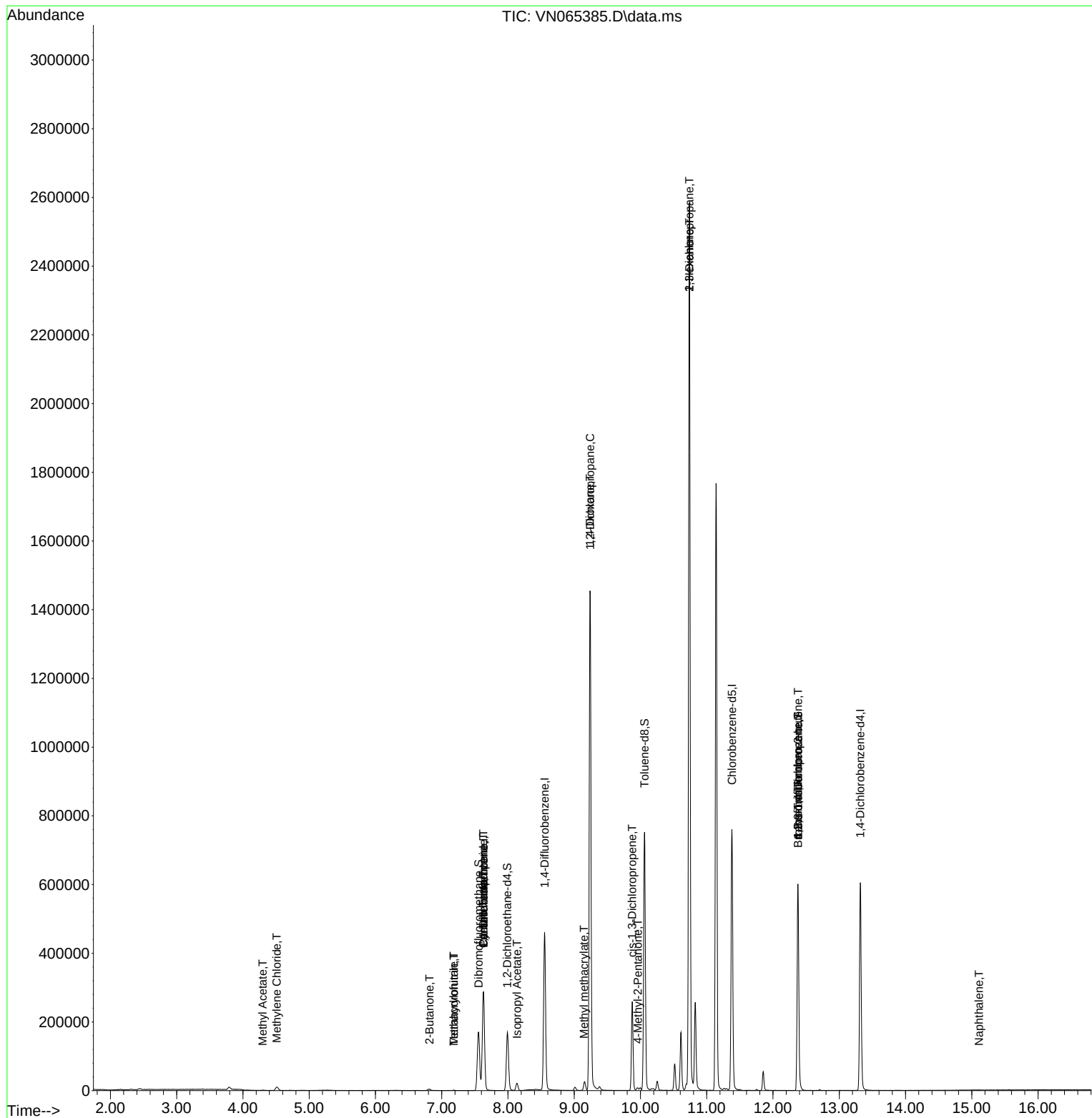
Internal Standards						
1) Pentafluorobenzene	7.630	168	261429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	438304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	477636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	189587	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	149581	50.68	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.36%			
35) Dibromofluoromethane	7.556	113	133739	50.58	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.16%			
50) Toluene-d8	10.061	98	552523	55.75	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 111.50%			
62) 4-Bromofluorobenzene	12.376	95	212370	53.75	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.50%			
Target Compounds					Qvalue	
16) Acetone	3.795	43	11108	Below Cal		93
18) Methyl Acetate	4.299	43	901	0.34 ug/l #		50
20) Methylene Chloride	4.512	84	8350	2.90 ug/l		96
25) 2-Butanone	6.814	43	2827	1.71 ug/l		93
29) Tetrahydrofuran	7.183	42	1038	0.97 ug/l #		42
31) Cyclohexane	7.627	56	4310	0.99 ug/l #		1
36) 1,1-Dichloropropene	7.627	75	16388	4.11 ug/l #		48
38) Carbon Tetrachloride	7.627	117	21682	5.18 ug/l #		16
41) Methacrylonitrile	7.183	41	570	0.28 ug/l #		13
43) Isopropyl Acetate	8.135	43	26057	3.83 ug/l		96
45) 1,2-Dichloropropane	9.241	63	1963	0.64 ug/l #		43
48) Methyl methacrylate	9.148	41	6492	1.96 ug/l #		12
49) 1,4-Dioxane	9.238	88	165	3.08 ug/l #		1
51) 4-Methyl-2-Pentanone	9.958	43	5915	1.55 ug/l		88
54) cis-1,3-Dichloropropene	9.875	75	47990	9.08 ug/l #		62
57) 1,3-Dichloropropane	10.736	76	27502	5.64 ug/l #		42
59) 2-Hexanone	10.736	43	367723	130.67 ug/l #		49
71) Bromoform	12.379	173	1286	0.39 ug/l #		1
76) 1,2,3-Trichloropropane	12.376	75	102902	26.60 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.376	75	102902	67.09 ug/l #		15
95) Naphthalene	15.109	128	193	3.39 ug/l #		69

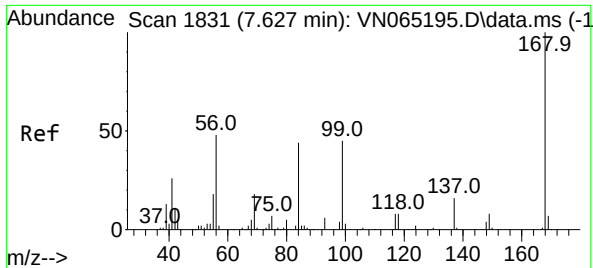
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

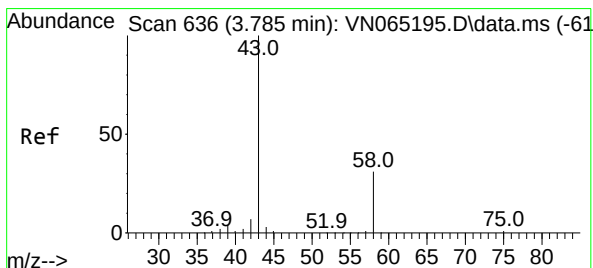
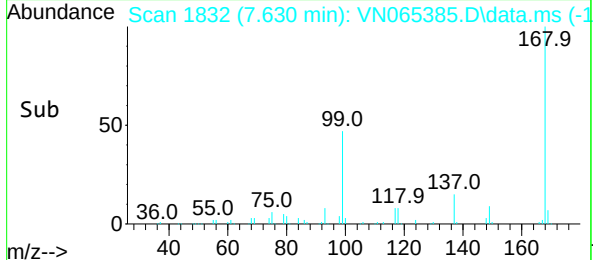
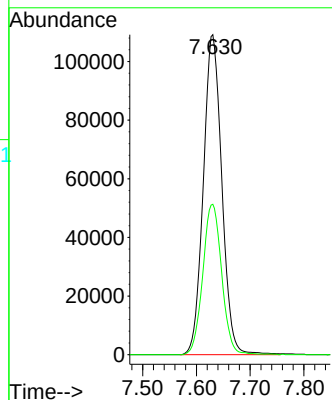
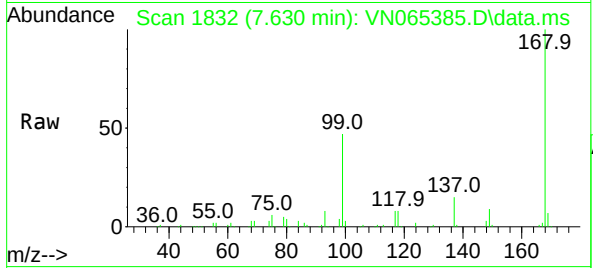




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065385.D
Acq: 5 Jan 2021 13:58

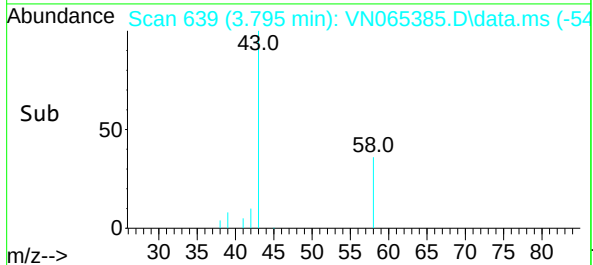
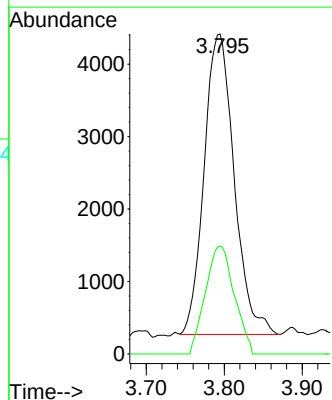
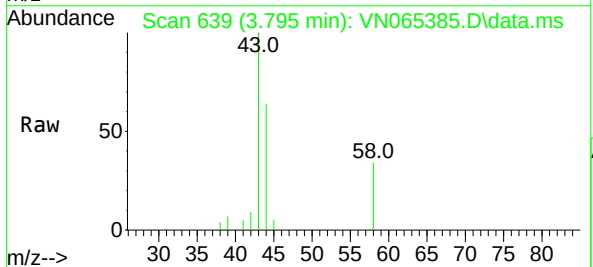
Instrument :
MSVOA_N
ClientSampled :

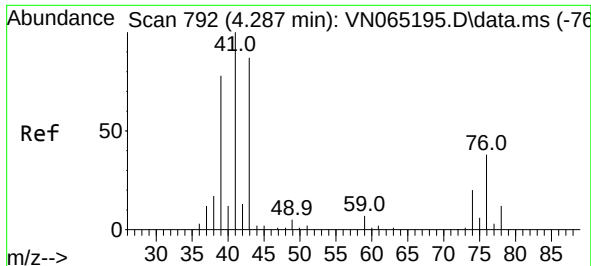
Tgt Ion:168 Resp: 261429
Ion Ratio Lower Upper
168 100
99 47.0 43.0 64.4



#16
Acetone
Concen: Below Cal
RT: 3.795 min Scan# 639
Delta R.T. 0.010 min
Lab File: VN065385.D
Acq: 5 Jan 2021 13:58

Tgt Ion: 43 Resp: 11108
Ion Ratio Lower Upper
43 100
58 35.9 25.7 38.5

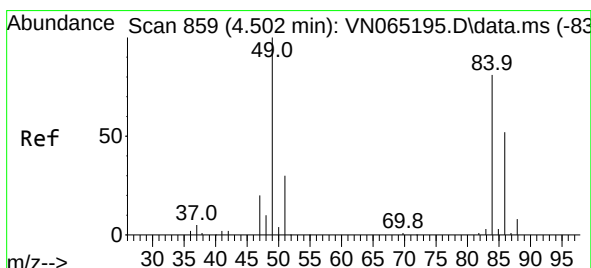
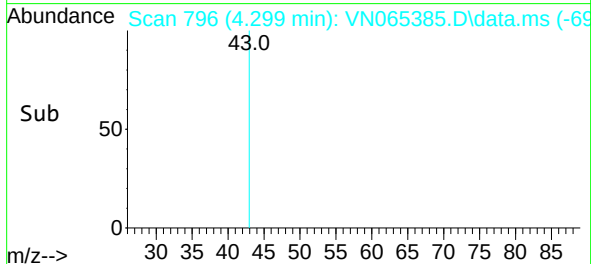
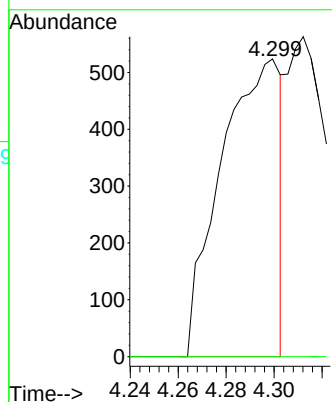
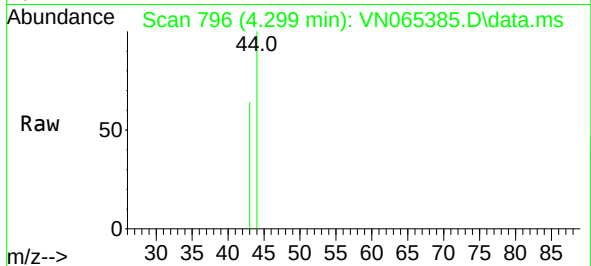




#18
Methyl Acetate
Concen: 0.34 ug/l
RT: 4.299 min Scan# 796
Delta R.T. 0.012 min
Lab File: VN065385.D
Acq: 5 Jan 2021 13:58

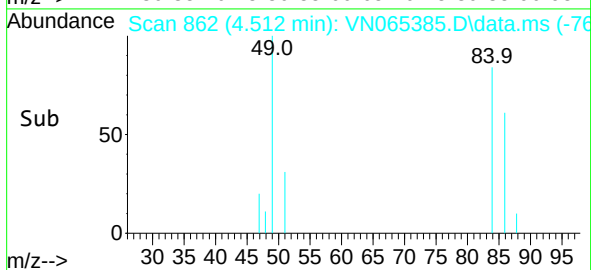
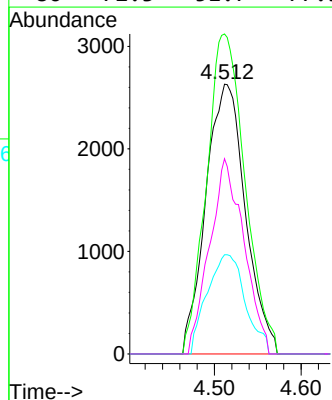
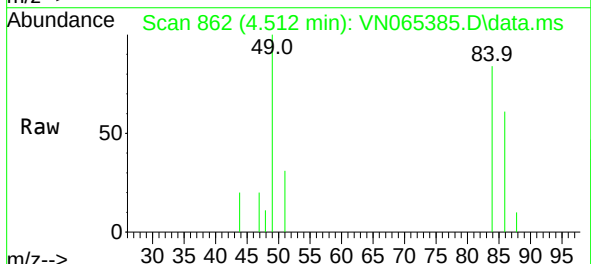
Instrument :
MSVOA_N
ClientSampled :

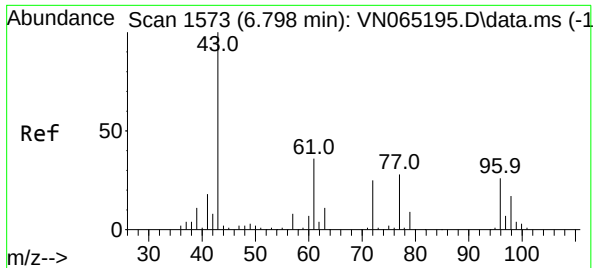
Tgt Ion: 43 Resp: 901
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 2.90 ug/l
RT: 4.512 min Scan# 862
Delta R.T. 0.010 min
Lab File: VN065385.D
Acq: 5 Jan 2021 13:58

Tgt Ion: 84 Resp: 8350
Ion Ratio Lower Upper
84 100
49 118.6 93.4 140.0
51 36.8 28.2 42.4
86 72.3 51.7 77.5





#25

2-Butanone

Concen: 1.71 ug/l

RT: 6.814 min Scan# 1578

Delta R.T. 0.016 min

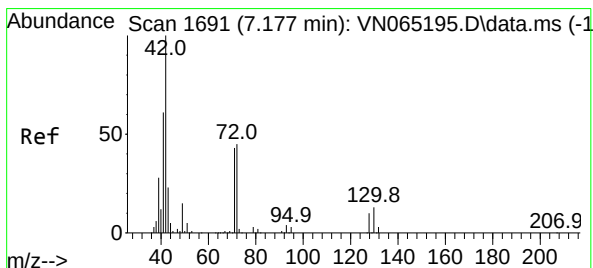
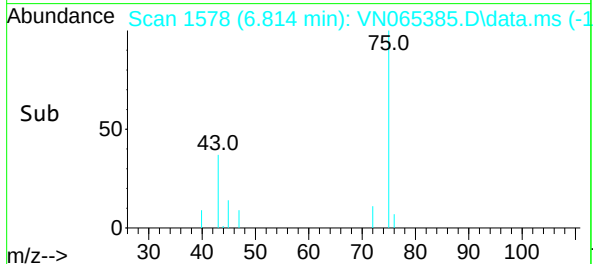
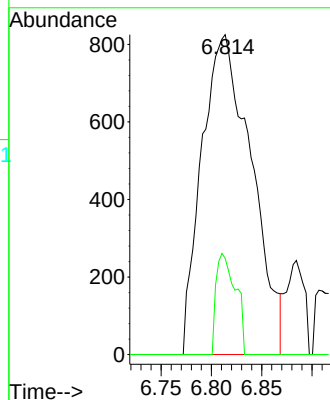
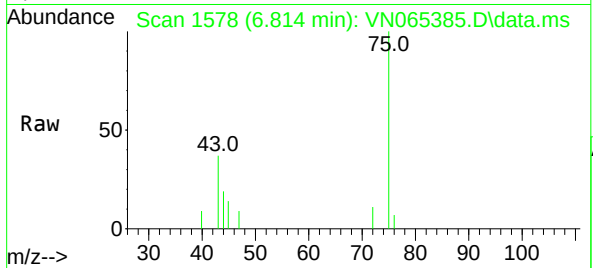
Lab File: VN065385.D

Acq: 5 Jan 2021 13:58

Tgt Ion: 43 Resp: 2827

Ion Ratio Lower Upper

43	100		
72	30.1	21.0	31.6



#29

Tetrahydrofuran

Concen: 0.97 ug/l

RT: 7.183 min Scan# 1693

Delta R.T. 0.006 min

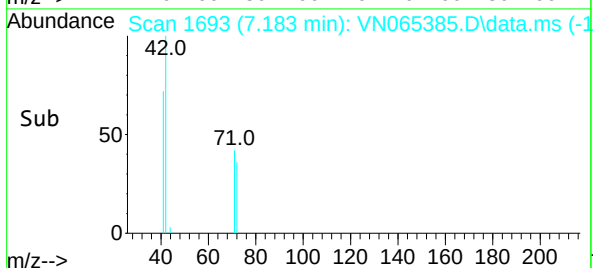
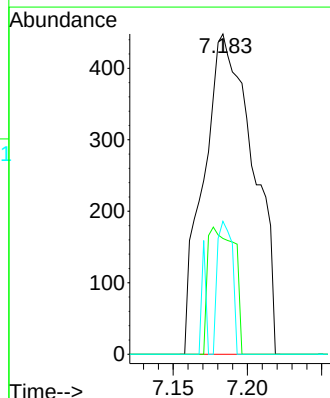
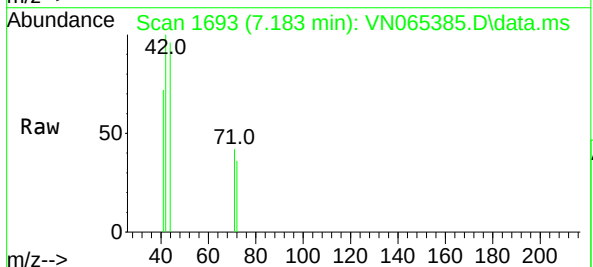
Lab File: VN065385.D

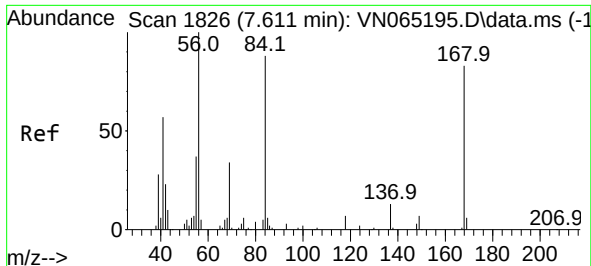
Acq: 5 Jan 2021 13:58

Tgt Ion: 42 Resp: 1038

Ion Ratio Lower Upper

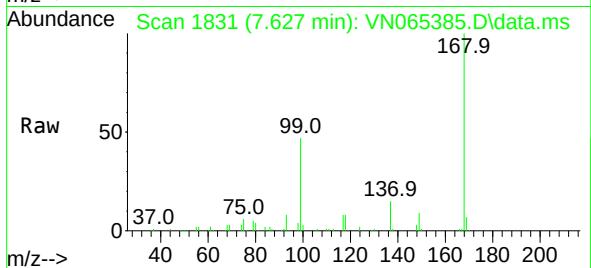
42	100		
72	0.0	36.6	54.8#
71	12.5	33.6	50.4#



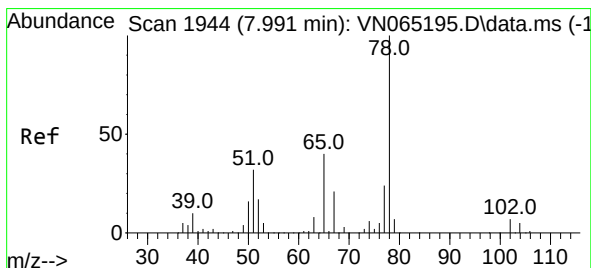
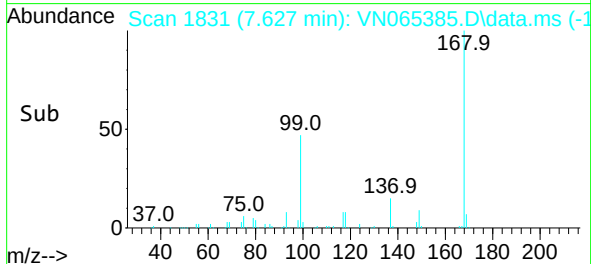
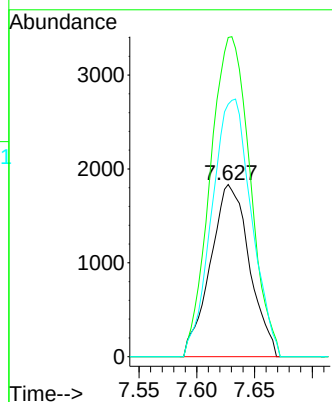


#31
Cyclohexane
Concen: 0.99 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065385.D
Acq: 5 Jan 2021 13:58

Instrument :
MSVOA_N
ClientSampled :

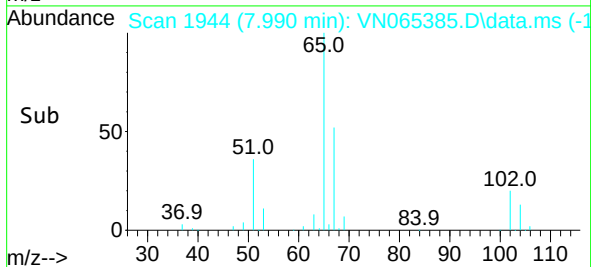
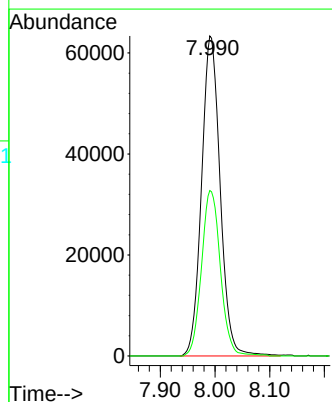
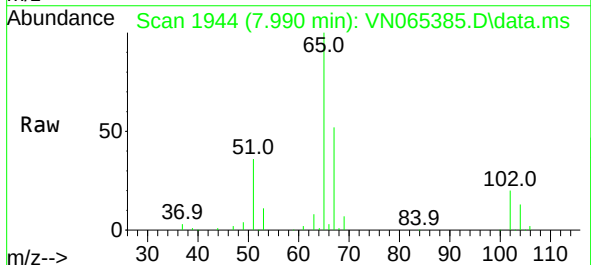


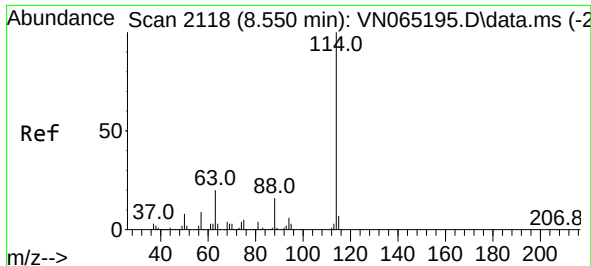
Tgt Ion: 56 Resp: 4310
Ion Ratio Lower Upper
56 100
69 185.4 27.5 41.3#
84 146.7 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 50.68 ug/l
RT: 7.990 min Scan# 1944
Delta R.T. -0.001 min
Lab File: VN065385.D
Acq: 5 Jan 2021 13:58

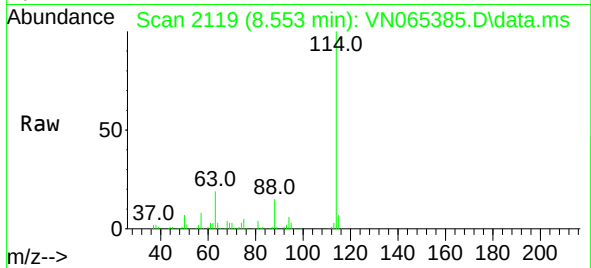
Tgt Ion: 65 Resp: 149581
Ion Ratio Lower Upper
65 100
67 52.4 0.0 108.2



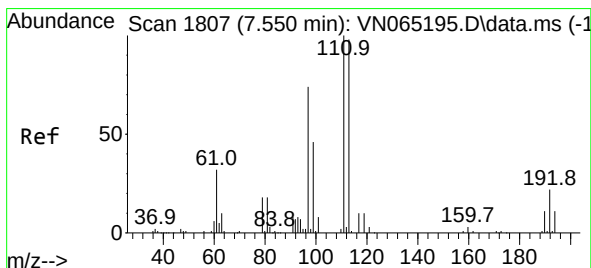
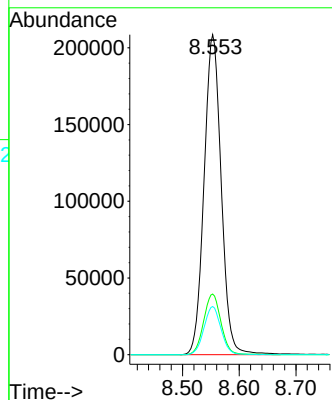
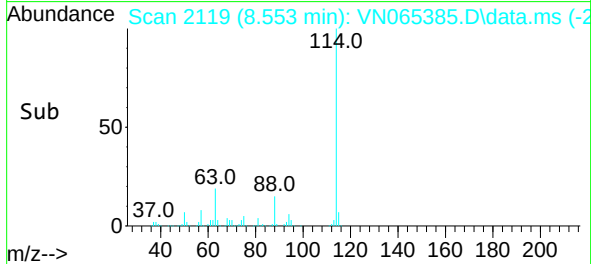


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065385.D
Acq: 5 Jan 2021 13:58

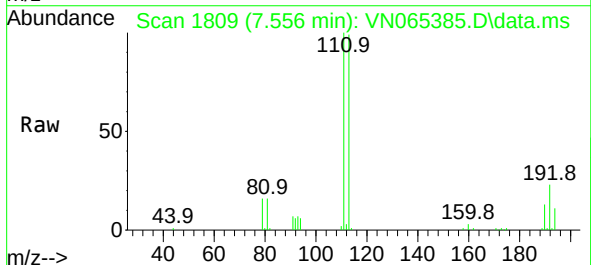
Instrument :
MSVOA_N
ClientSampled :



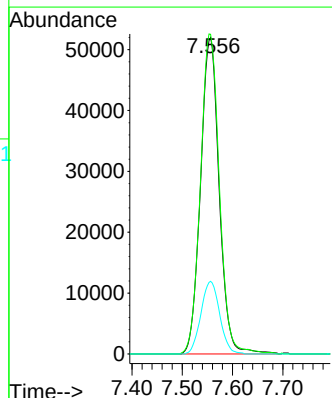
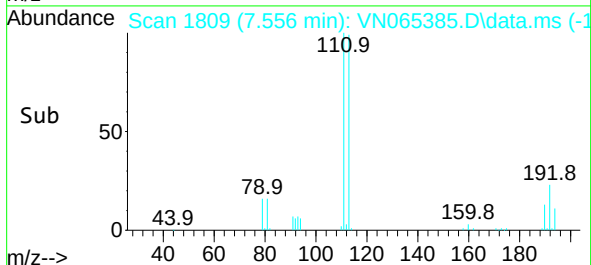
Tgt Ion:114 Resp: 438304
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.6
88 15.1 0.0 32.6

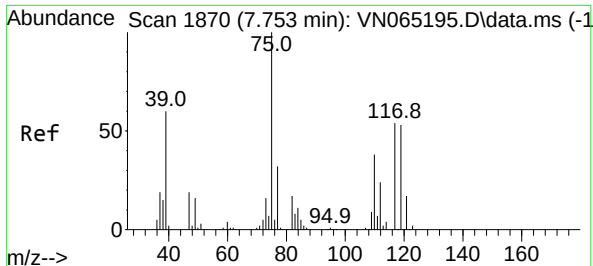


#35
Dibromofluoromethane
Concen: 50.58 ug/l
RT: 7.556 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN065385.D
Acq: 5 Jan 2021 13:58



Tgt Ion:113 Resp: 133739
Ion Ratio Lower Upper
113 100
111 102.6 81.6 122.4
192 23.1 16.2 24.2

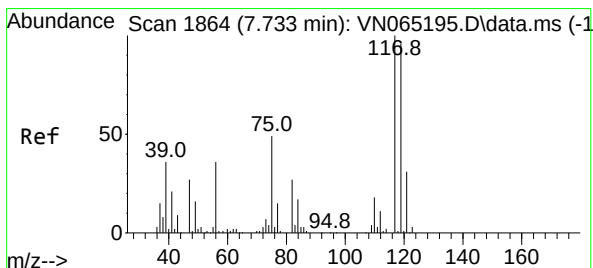
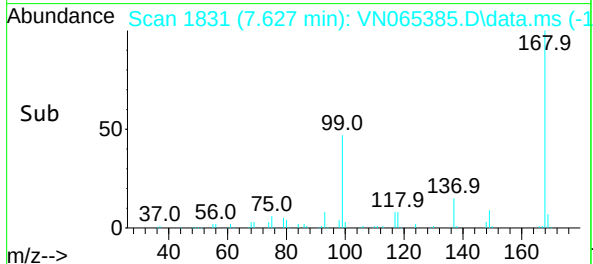
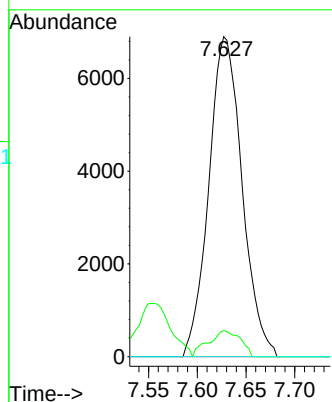
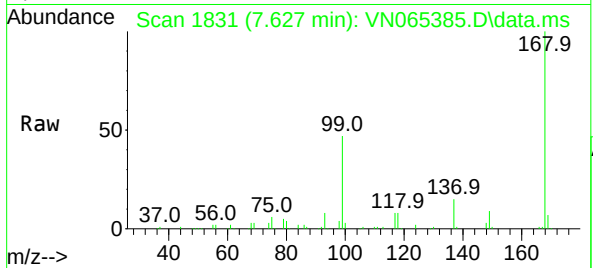




#36
1,1-Dichloropropene
Concen: 4.11 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065385.D
Acq: 5 Jan 2021 13:58

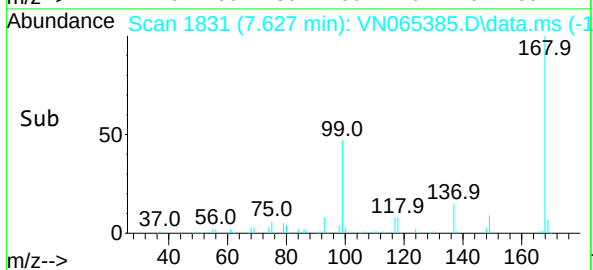
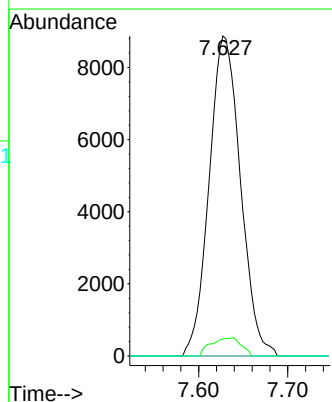
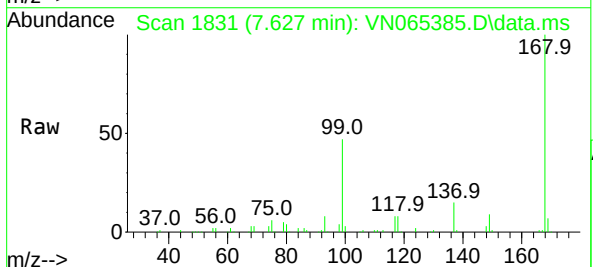
Instrument :
MSVOA_N
ClientSampled :

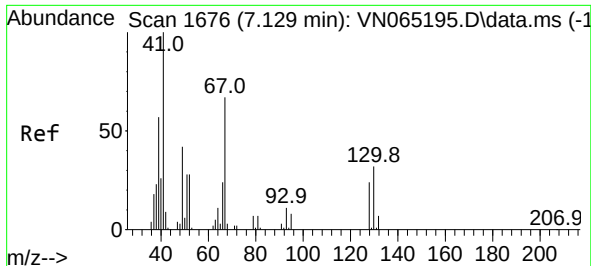
Tgt Ion: 75 Resp: 16388
Ion Ratio Lower Upper
75 100
110 7.8 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.18 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065385.D
Acq: 5 Jan 2021 13:58

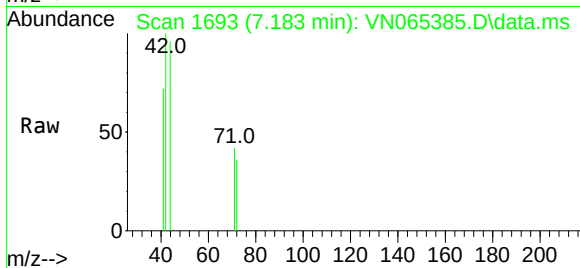
Tgt Ion: 117 Resp: 21682
Ion Ratio Lower Upper
117 100
119 5.3 76.7 115.1#
121 0.0 25.4 38.2#



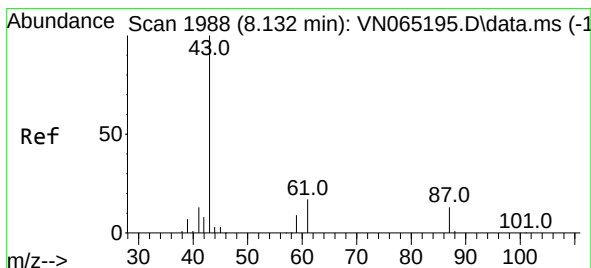
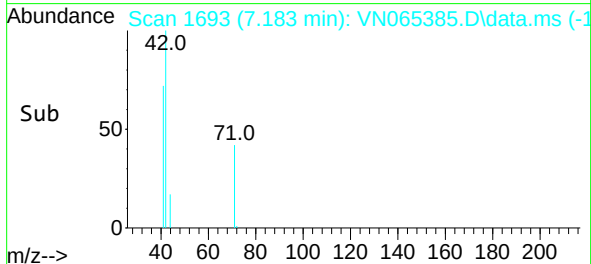
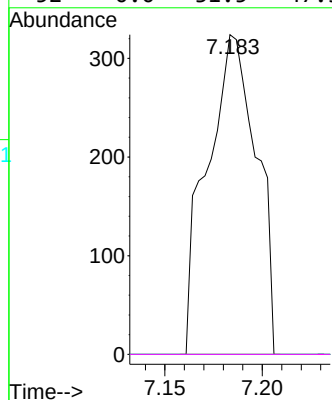


#41
Methacrylonitrile
Concen: 0.28 ug/l
RT: 7.183 min Scan# 1693
Delta R.T. 0.054 min
Lab File: VN065385.D
Acq: 5 Jan 2021 13:58

Instrument :
MSVOA_N
ClientSampled :

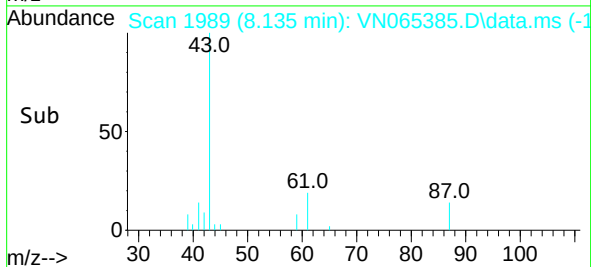
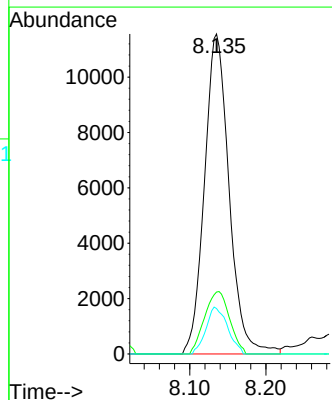
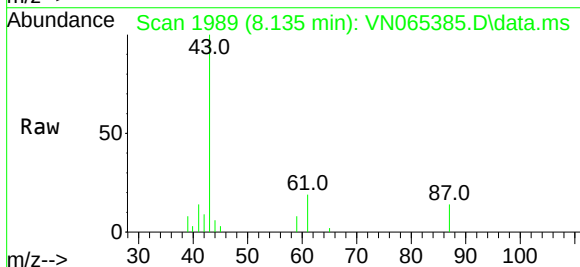


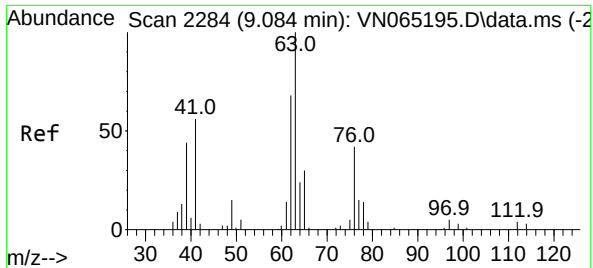
Tgt Ion:	41	Resp:	570
Ion	Ratio	Lower	Upper
41	100		
39	0.0	51.0	76.6#
67	0.0	79.8	119.8#
52	0.0	31.5	47.3#



#43
Isopropyl Acetate
Concen: 3.83 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065385.D
Acq: 5 Jan 2021 13:58

Tgt Ion:	43	Resp:	26057
Ion	Ratio	Lower	Upper
43	100		
61	19.8	17.2	25.8
87	12.8	11.4	17.0

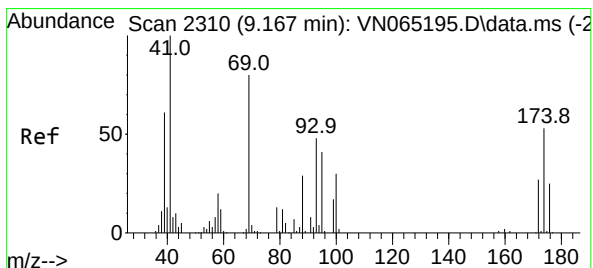
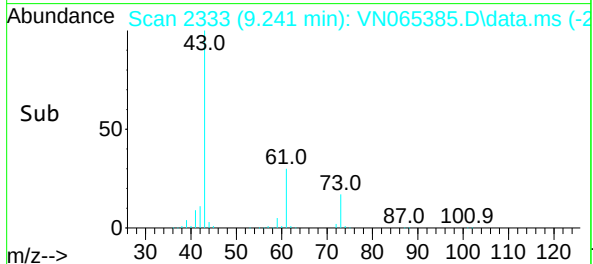
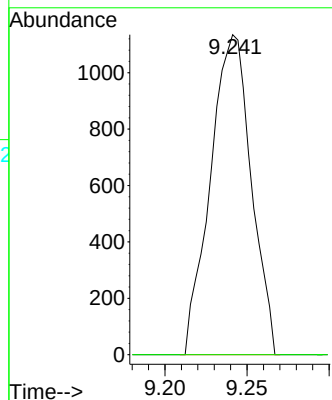
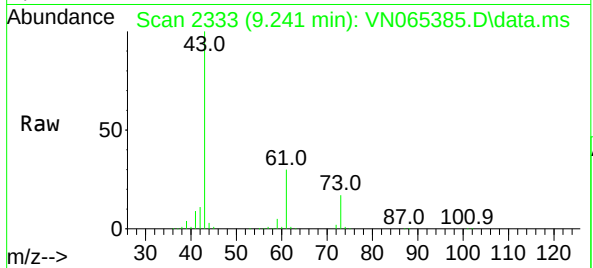




#45
1,2-Dichloropropane
Concen: 0.64 ug/l
RT: 9.241 min Scan# 2333
Delta R.T. 0.157 min
Lab File: VN065385.D
Acq: 5 Jan 2021 13:58

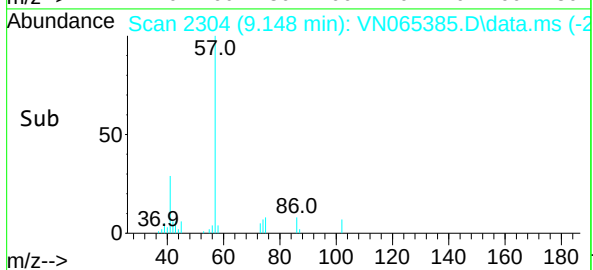
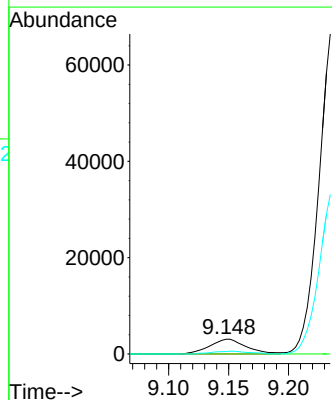
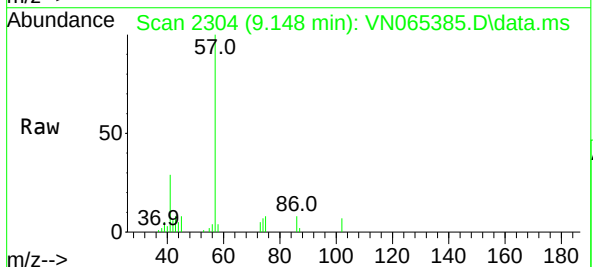
Instrument :
MSVOA_N
ClientSampled :

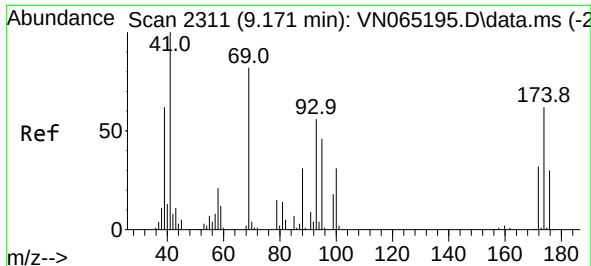
Tgt Ion: 63 Resp: 1963
Ion Ratio Lower Upper
63 100
65 0.0 25.0 37.4#



#48
Methyl methacrylate
Concen: 1.96 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065385.D
Acq: 5 Jan 2021 13:58

Tgt Ion: 41 Resp: 6492
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#

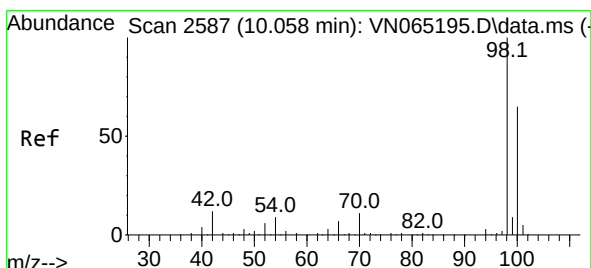
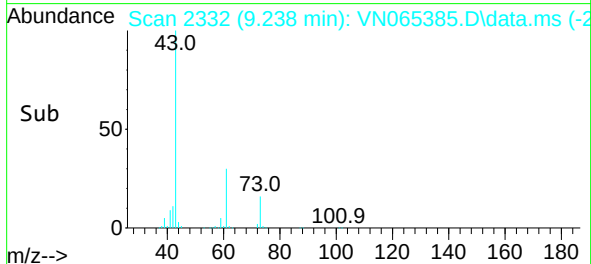
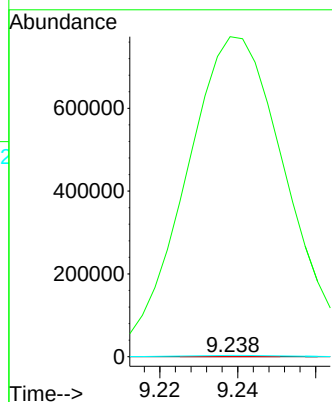
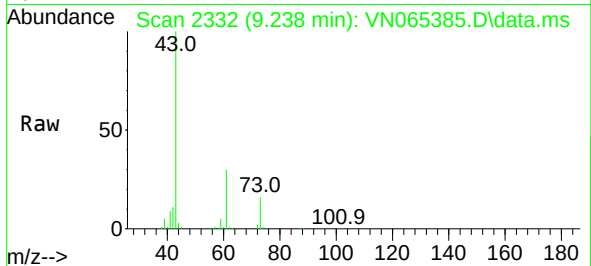




#49
1,4-Dioxane
Concen: 3.08 ug/l
RT: 9.238 min Scan# 2332
Delta R.T. 0.067 min
Lab File: VN065385.D
Acq: 5 Jan 2021 13:58

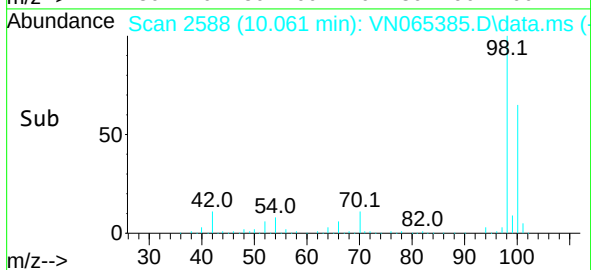
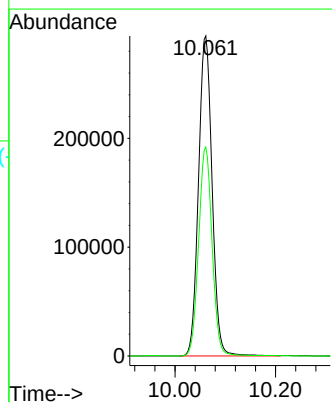
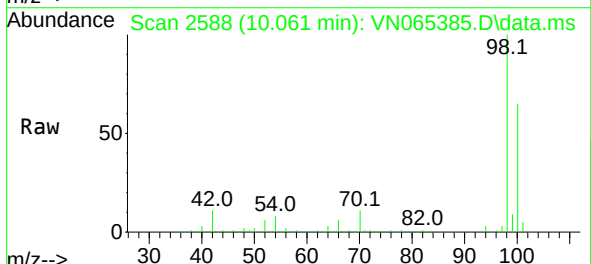
Instrument :
MSVOA_N
ClientSampled :

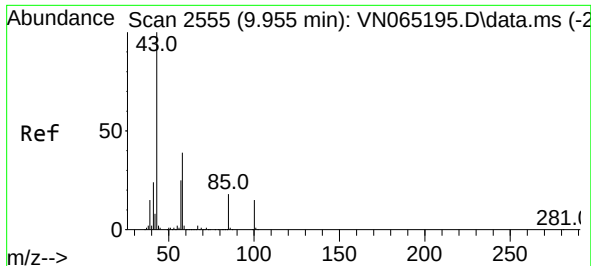
Tgt Ion: 88 Resp: 165
Ion Ratio Lower Upper
88 100
43 873124.8 24.2 36.4#
58 3425.5 52.5 78.7#



#50
Toluene-d8
Concen: 55.75 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065385.D
Acq: 5 Jan 2021 13:58

Tgt Ion: 98 Resp: 552523
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5

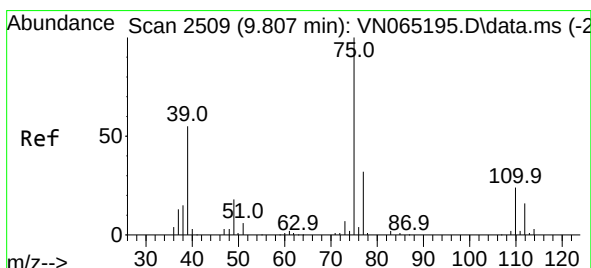
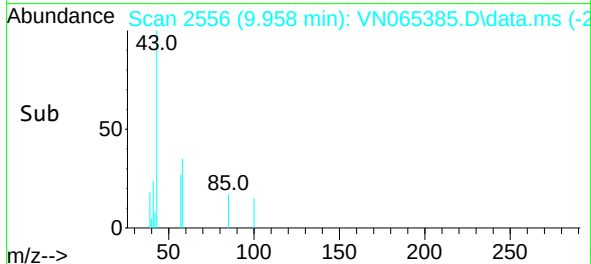
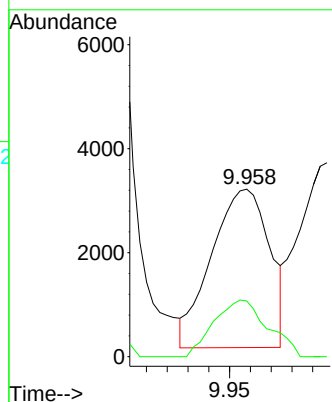
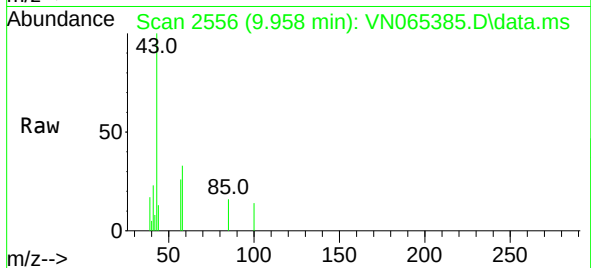




#51
4-Methyl-2-Pentanone
Concen: 1.55 ug/l
RT: 9.958 min Scan# 2556
Delta R.T. 0.003 min
Lab File: VN065385.D
Acq: 5 Jan 2021 13:58

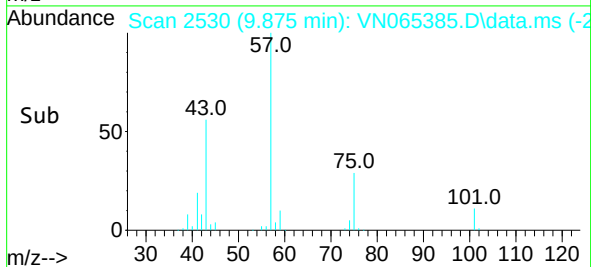
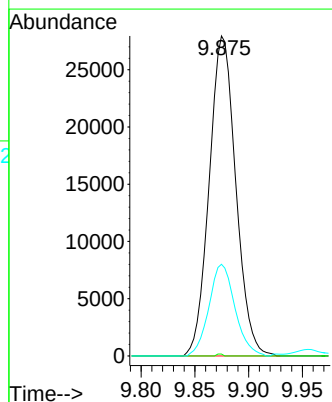
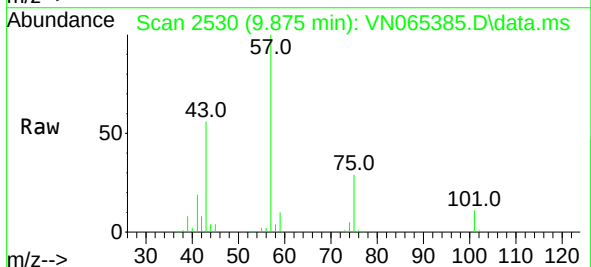
Instrument :
MSVOA_N
ClientSampled :

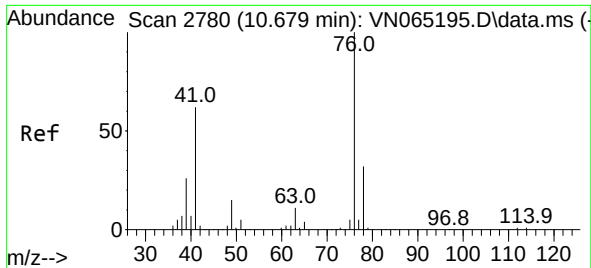
Tgt Ion: 43 Resp: 5915
Ion Ratio Lower Upper
43 100
58 33.2 32.4 48.6



#54
cis-1,3-Dichloropropene
Concen: 9.08 ug/l
RT: 9.875 min Scan# 2530
Delta R.T. 0.068 min
Lab File: VN065385.D
Acq: 5 Jan 2021 13:58

Tgt Ion: 75 Resp: 47990
Ion Ratio Lower Upper
75 100
77 0.6 25.5 38.3#
39 28.7 35.6 53.4#

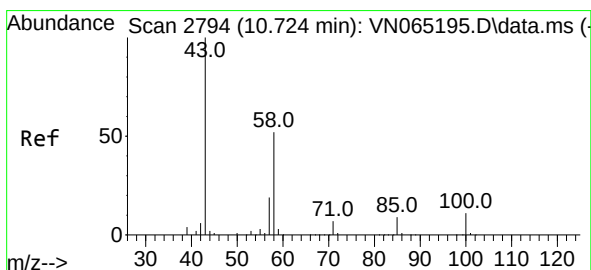
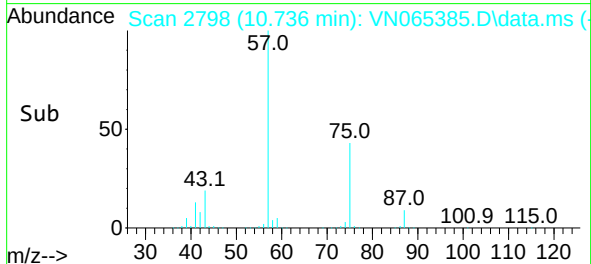
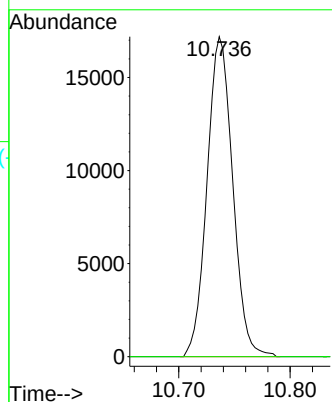
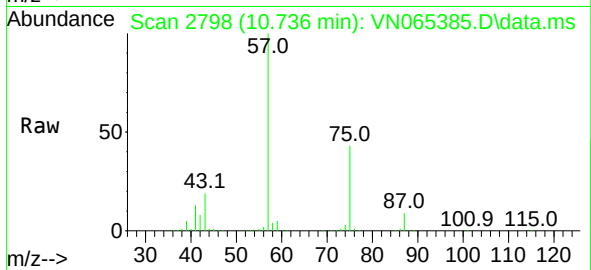




#57
1,3-Dichloropropane
Concen: 5.64 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.057 min
Lab File: VN065385.D
Acq: 5 Jan 2021 13:58

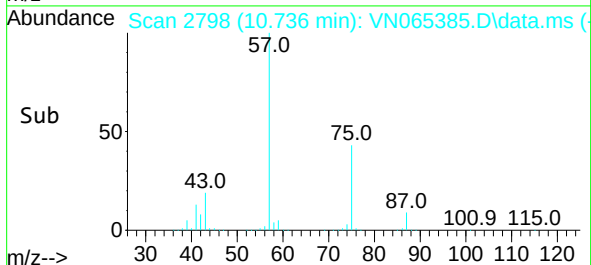
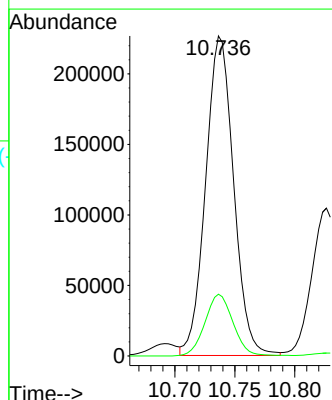
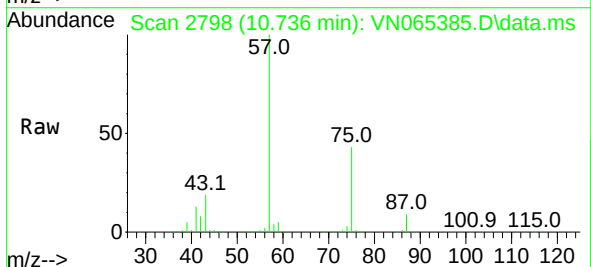
Instrument :
MSVOA_N
ClientSampled :

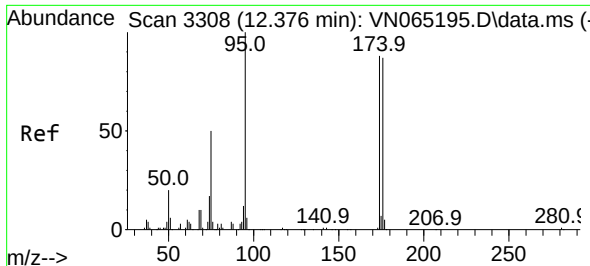
Tgt Ion: 76 Resp: 27502
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 130.67 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.012 min
Lab File: VN065385.D
Acq: 5 Jan 2021 13:58

Tgt Ion: 43 Resp: 367723
Ion Ratio Lower Upper
43 100
58 19.5 28.3 84.9#

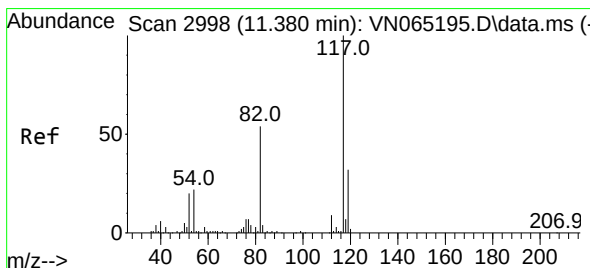
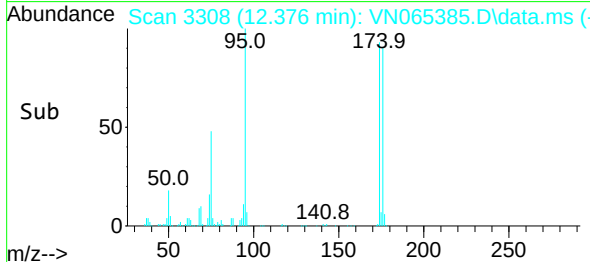
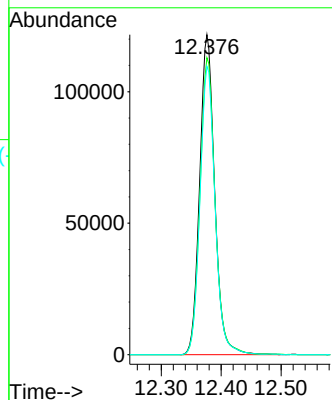
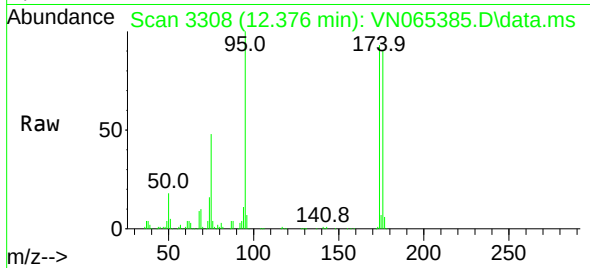




#62
4-Bromofluorobenzene
Concen: 53.75 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065385.D
Acq: 5 Jan 2021 13:58

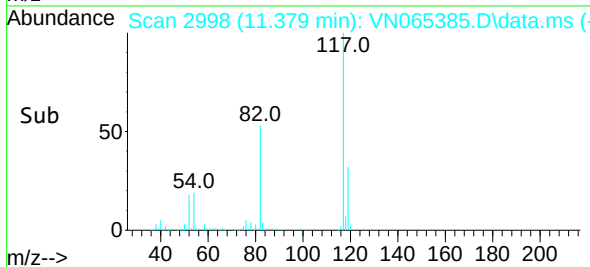
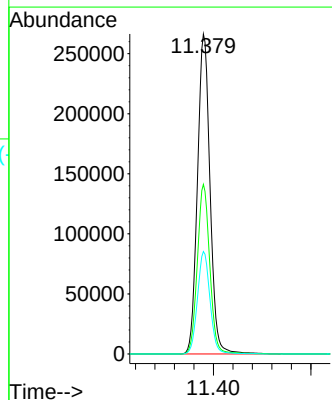
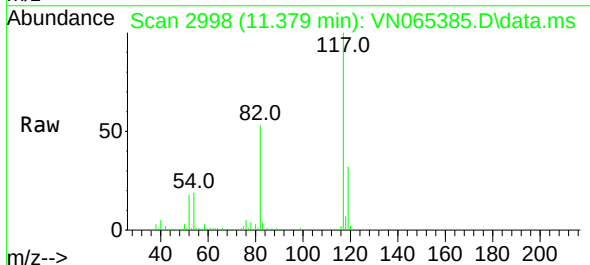
Instrument :
MSVOA_N
ClientSampled :

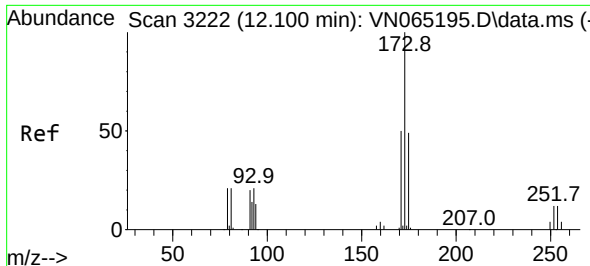
Tgt Ion: 95 Resp: 212370
Ion Ratio Lower Upper
95 100
174 93.2 0.0 160.4
176 90.5 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065385.D
Acq: 5 Jan 2021 13:58

Tgt Ion: 117 Resp: 477636
Ion Ratio Lower Upper
117 100
82 53.0 44.2 66.2
119 32.0 25.8 38.6

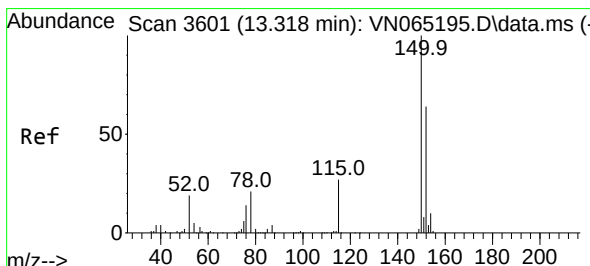
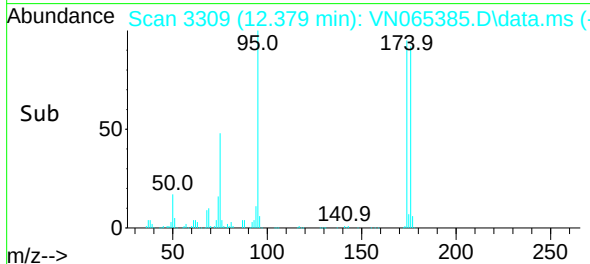
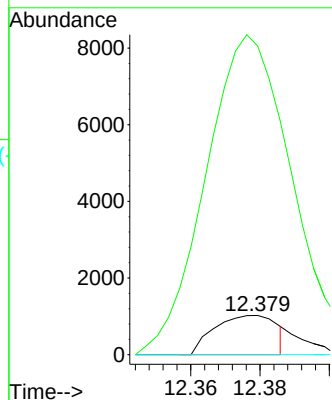
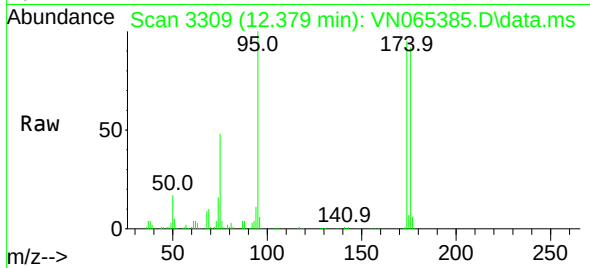




#71
Bromoform
Concen: 0.39 ug/l
RT: 12.379 min Scan# 3309
Delta R.T. 0.279 min
Lab File: VN065385.D
Acq: 5 Jan 2021 13:58

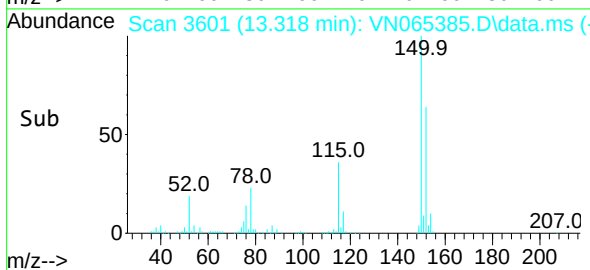
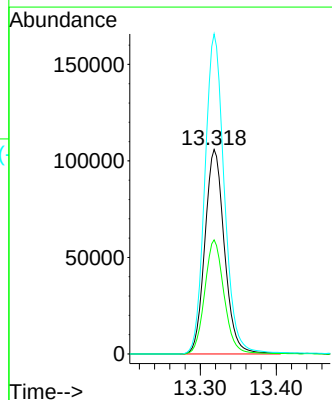
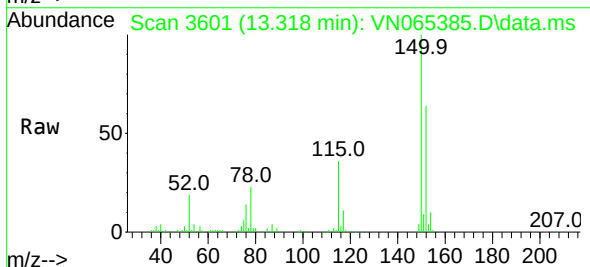
Instrument :
MSVOA_N
ClientSampled :

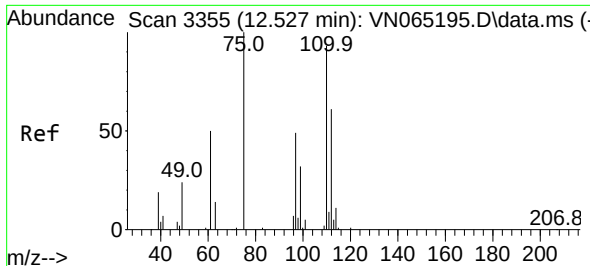
Tgt Ion:173 Resp: 1286
Ion Ratio Lower Upper
173 100
175 912.9 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065385.D
Acq: 5 Jan 2021 13:58

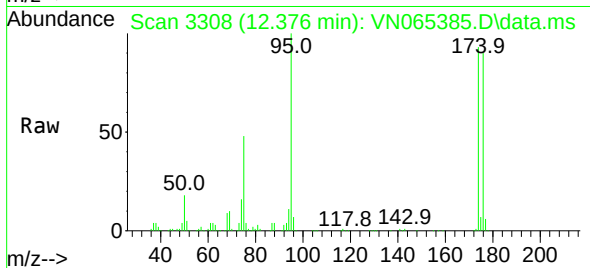
Tgt Ion:152 Resp: 189587
Ion Ratio Lower Upper
152 100
115 55.1 29.7 89.1
150 156.1 0.0 350.6



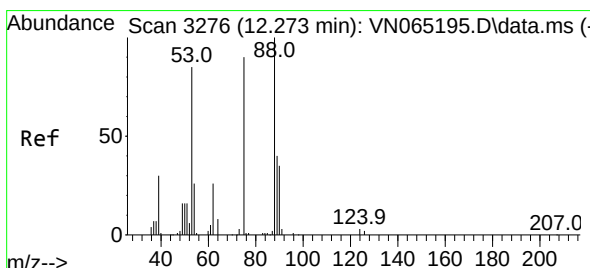
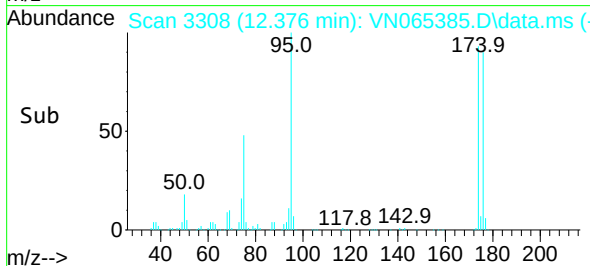
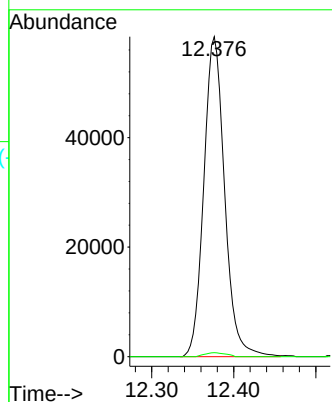


#76
1,2,3-Trichloropropane
Concen: 26.60 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065385.D
Acq: 5 Jan 2021 13:58

Instrument :
MSVOA_N
ClientSampled :

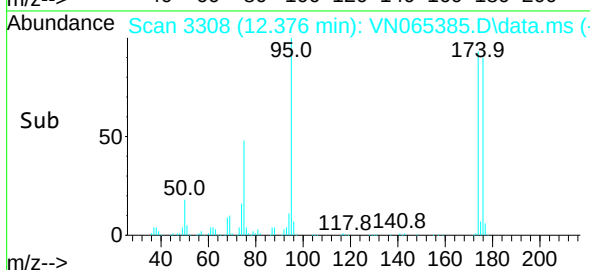
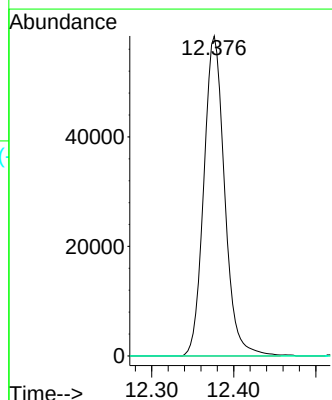
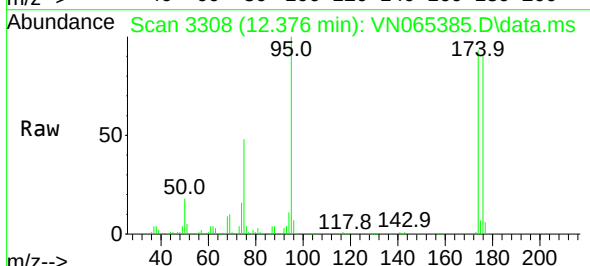


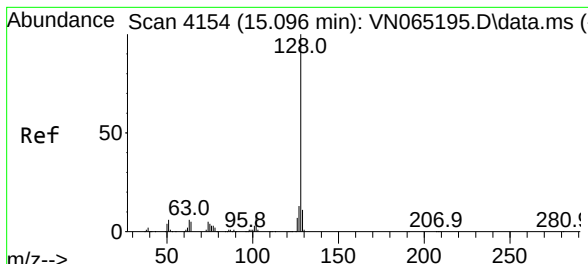
Tgt Ion: 75 Resp: 102902
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.09 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065385.D
Acq: 5 Jan 2021 13:58

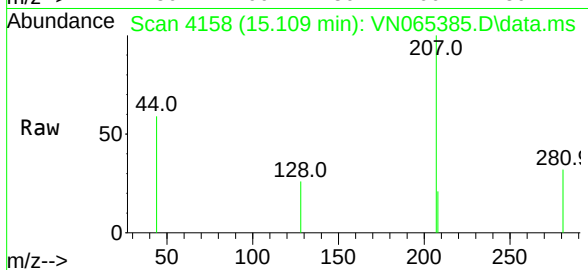
Tgt Ion: 75 Resp: 102902
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#





#95
 Naphthalene
 Concen: 3.39 ug/l
 RT: 15.109 min Scan# 4158
 Delta R.T. 0.013 min
 Lab File: VN065385.D
 Acq: 5 Jan 2021 13:58

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	128	Resp:	193
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.7	13.1#

