

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122420\
 Data File : VN065256.D
 Acq On : 24 Dec 2020 12:59
 Operator : JC/MD
 Sample : L5176-03
 Misc : 5.54g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 25 02:36:14 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

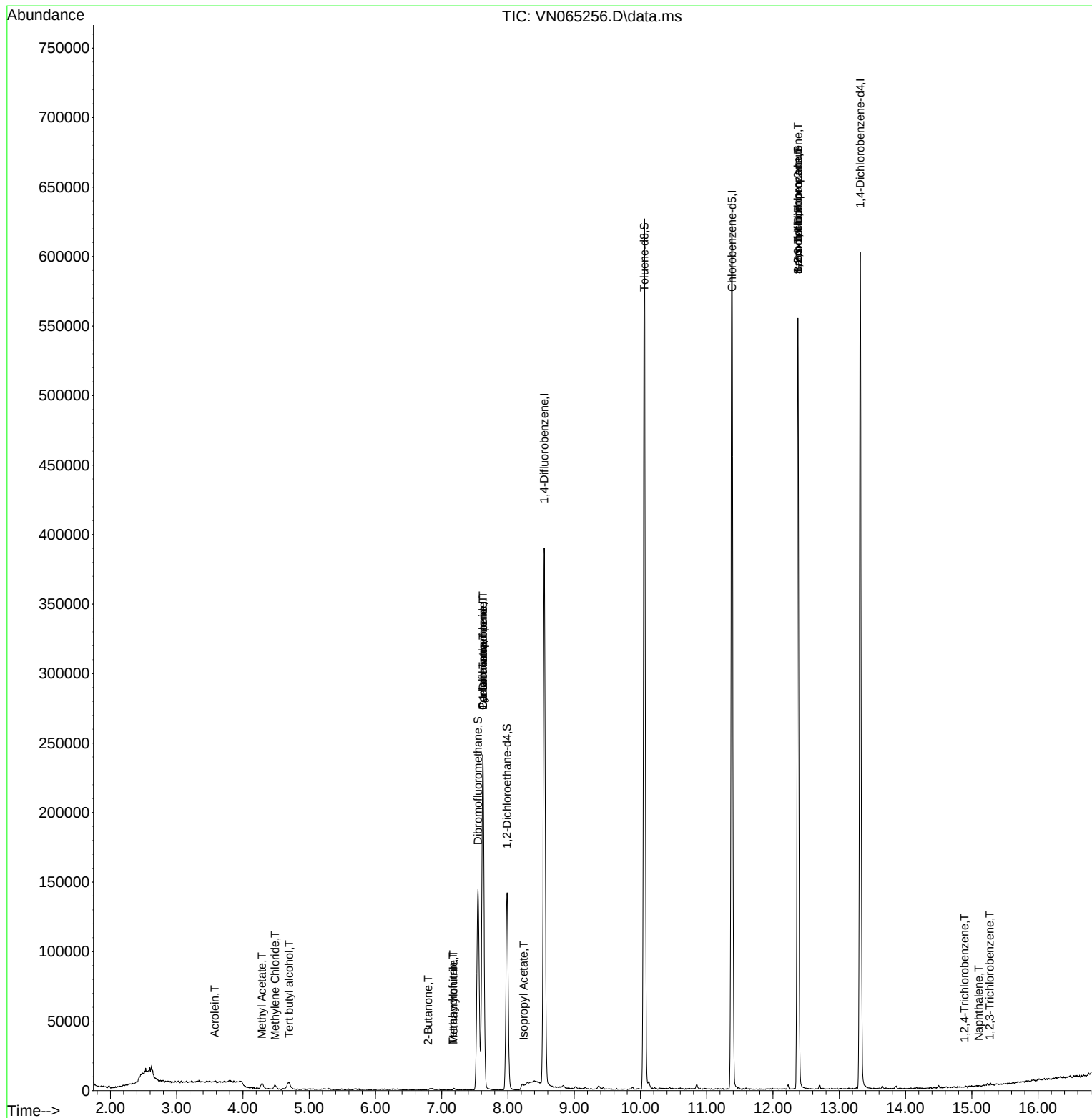
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.621	168	215511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	360361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	382025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	173966	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	126849	52.14	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.28%			
35) Dibromofluoromethane	7.547	113	110443	50.80	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.60%			
50) Toluene-d8	10.058	98	443539	54.43	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.86%			
62) 4-Bromofluorobenzene	12.376	95	187985	57.48	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 114.96%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.695	59	5133	12.89	ug/l #	73
13) Acrolein	3.573	56	592	4.59	ug/l #	36
16) Acetone	3.792	43	1073	Below Cal		96
18) Methyl Acetate	4.287	43	7296	3.34	ug/l	90
20) Methylene Chloride	4.483	84	2054	0.87	ug/l #	92
25) 2-Butanone	6.795	43	329	0.24	ug/l #	49
29) Tetrahydrofuran	7.171	42	221	0.25	ug/l #	32
31) Cyclohexane	7.621	56	3864	1.08	ug/l #	2
36) 1,1-Dichloropropene	7.621	75	14479	4.42	ug/l #	49
38) Carbon Tetrachloride	7.621	117	18246	5.30	ug/l #	17
41) Methacrylonitrile	7.177	41	444	0.26	ug/l #	36
43) Isopropyl Acetate	8.238	43	3255	0.58	ug/l #	59
71) Bromoform	12.376	173	1106	0.42	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	94521	26.63	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	94521	67.15	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.888	180	119	2.86	ug/l #	12
95) Naphthalene	15.106	128	620	3.44	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.270	180	165	3.27	ug/l #	40

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

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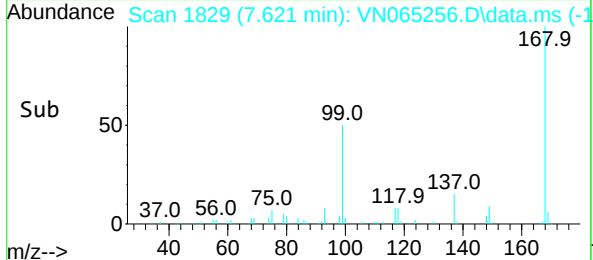
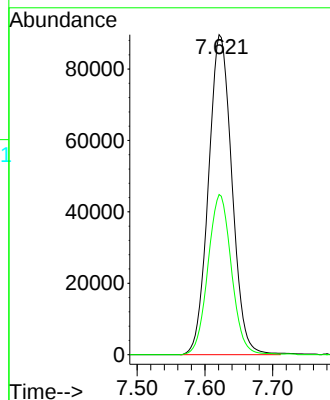
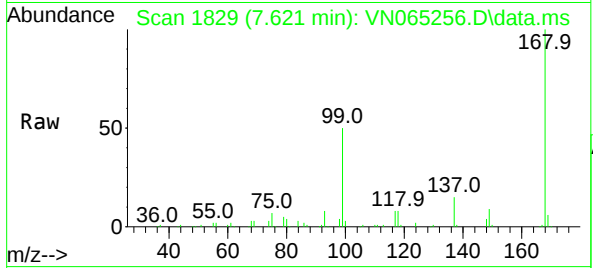




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.006 min
Lab File: VN065256.D
Acq: 24 Dec 2020 12:59

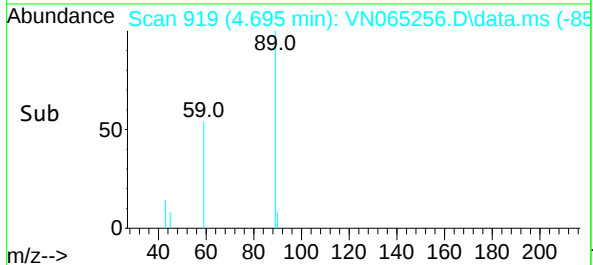
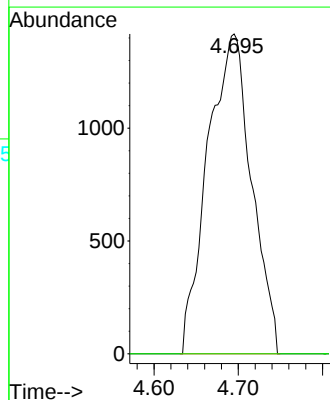
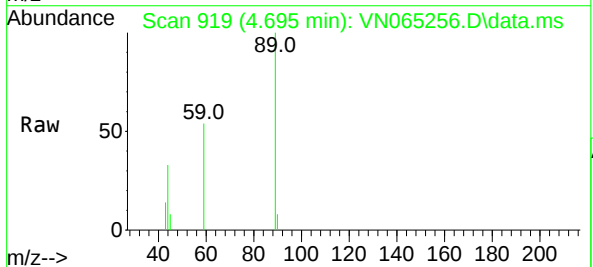
Instrument :
MSVOA_N
ClientSampled :

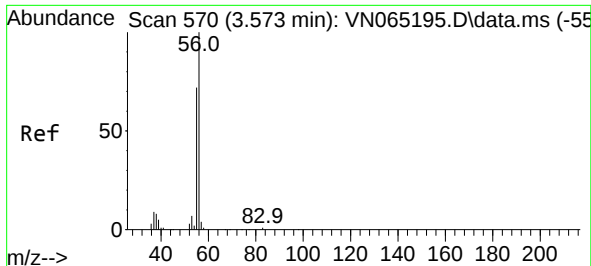
Tgt Ion:168 Resp: 215511
Ion Ratio Lower Upper
168 100
99 50.0 43.0 64.4



#11
Tert butyl alcohol
Concen: 12.89 ug/l
RT: 4.695 min Scan# 919
Delta R.T. -0.077 min
Lab File: VN065256.D
Acq: 24 Dec 2020 12:59

Tgt Ion: 59 Resp: 5133
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

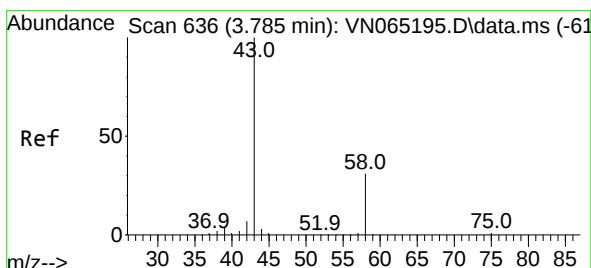
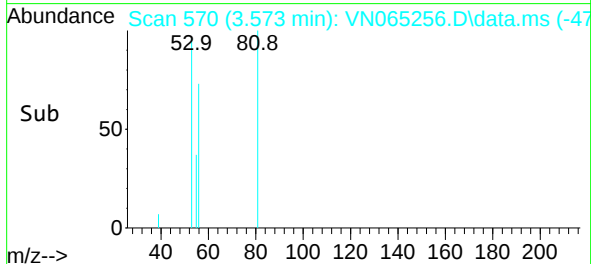
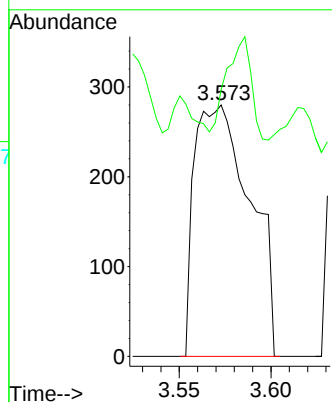
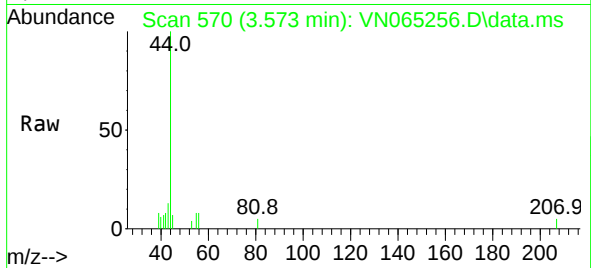




#13
Acrolein
Concen: 4.59 ug/l
RT: 3.573 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN065256.D
Acq: 24 Dec 2020 12:59

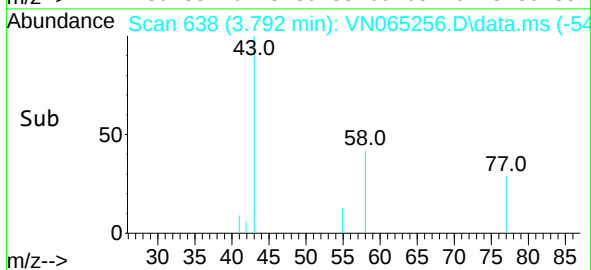
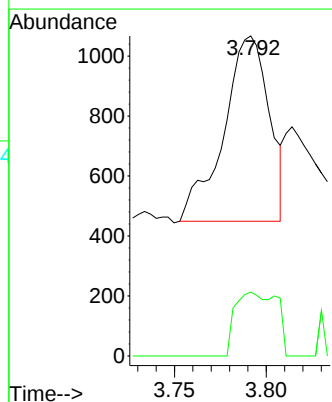
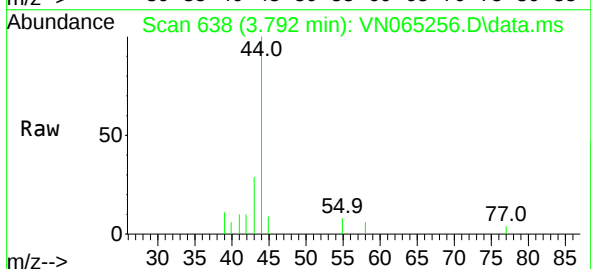
Instrument :
MSVOA_N
ClientSampled :

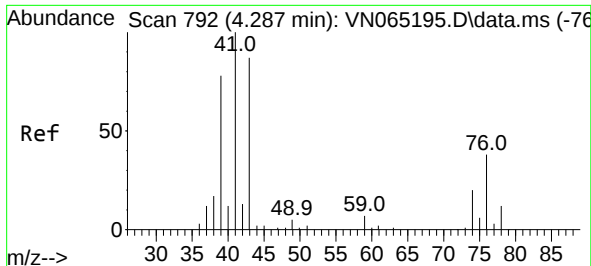
Tgt Ion: 56 Resp: 592
Ion Ratio Lower Upper
56 100
55 18.1 56.5 84.7#



#16
Acetone
Concen: Below Cal
RT: 3.792 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN065256.D
Acq: 24 Dec 2020 12:59

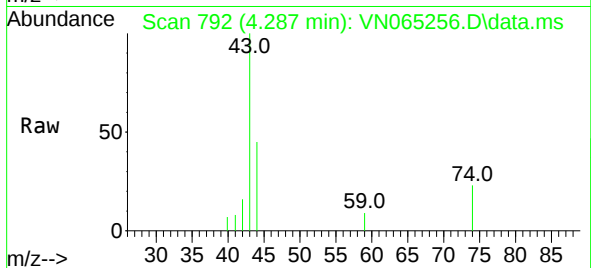
Tgt Ion: 43 Resp: 1073
Ion Ratio Lower Upper
43 100
58 34.5 25.7 38.5



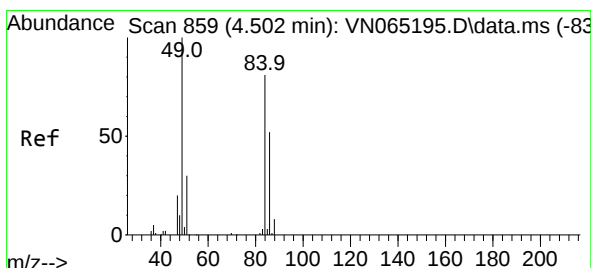
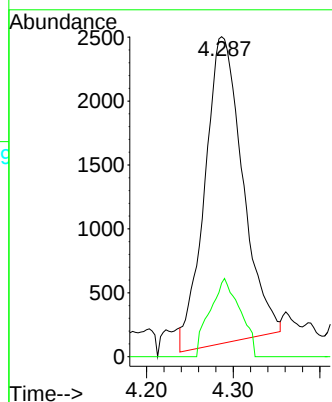
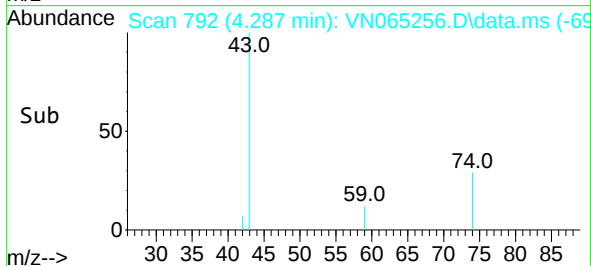


#18
Methyl Acetate
Concen: 3.34 ug/l
RT: 4.287 min Scan# 792
Delta R.T. -0.000 min
Lab File: VN065256.D
Acq: 24 Dec 2020 12:59

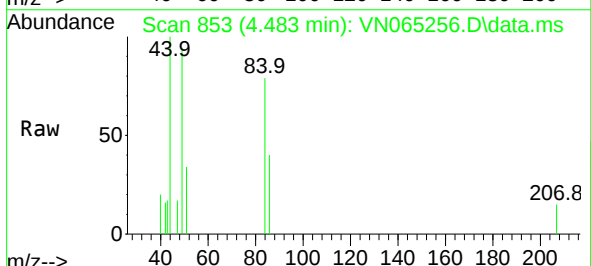
Instrument :
MSVOA_N
ClientSampled :



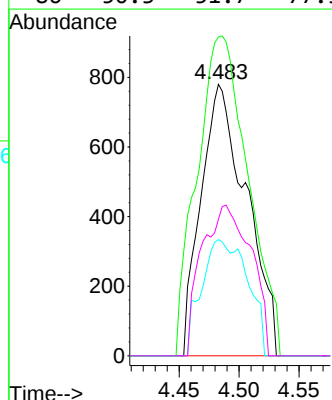
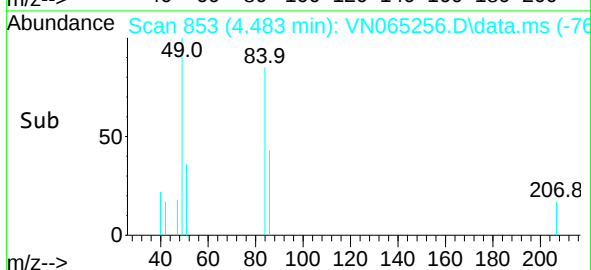
Tgt Ion: 43 Resp: 7296
Ion Ratio Lower Upper
43 100
74 20.3 20.2 30.2

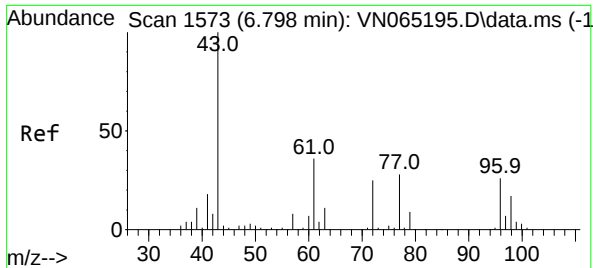


#20
Methylene Chloride
Concen: 0.87 ug/l
RT: 4.483 min Scan# 853
Delta R.T. -0.019 min
Lab File: VN065256.D
Acq: 24 Dec 2020 12:59



Tgt Ion: 84 Resp: 2054
Ion Ratio Lower Upper
84 100
49 117.4 93.4 140.0
51 42.8 28.2 42.4#
86 50.3 51.7 77.5#

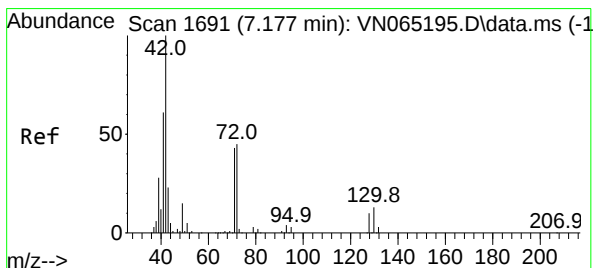
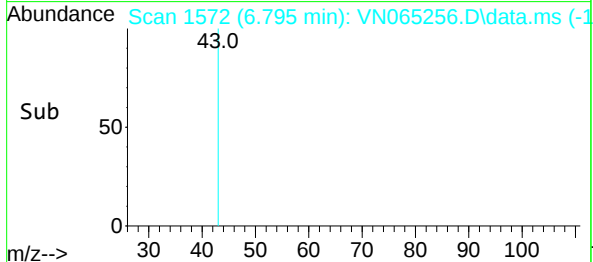
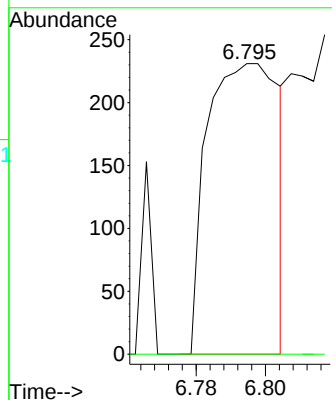
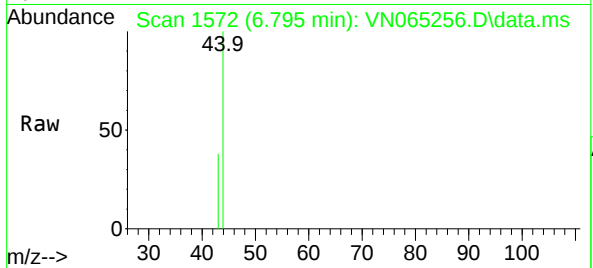




#25
2-Butanone
Concen: 0.24 ug/l
RT: 6.795 min Scan# 1572
Delta R.T. -0.003 min
Lab File: VN065256.D
Acq: 24 Dec 2020 12:59

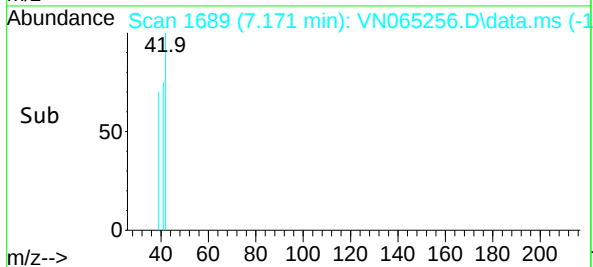
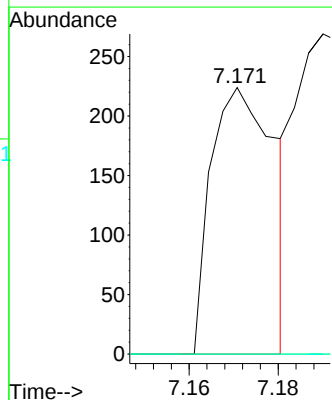
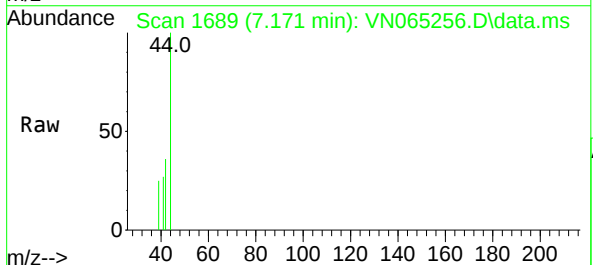
Instrument :
MSVOA_N
ClientSampled :

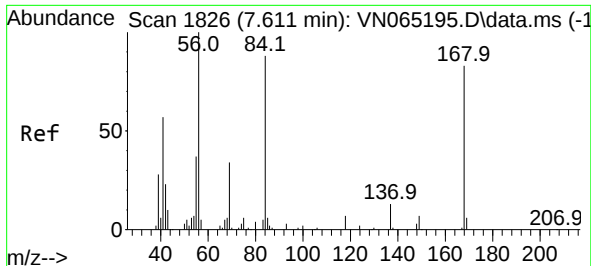
Tgt Ion: 43 Resp: 329
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#



#29
Tetrahydrofuran
Concen: 0.25 ug/l
RT: 7.171 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN065256.D
Acq: 24 Dec 2020 12:59

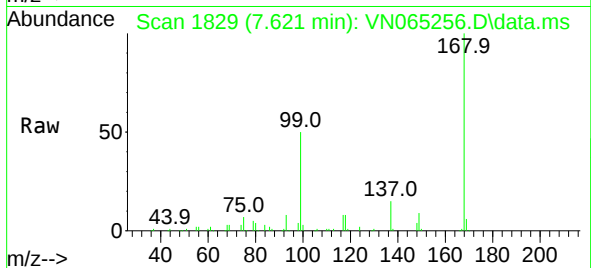
Tgt Ion: 42 Resp: 221
Ion Ratio Lower Upper
42 100
72 0.0 36.6 54.8#
71 0.0 33.6 50.4#



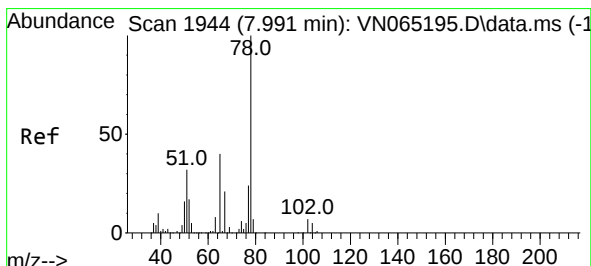
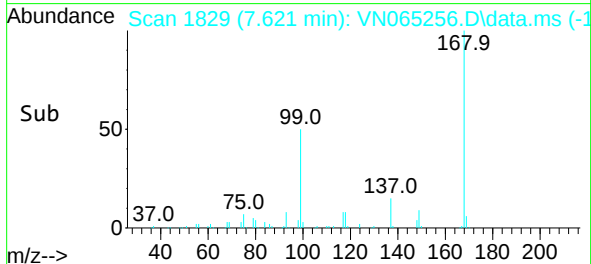
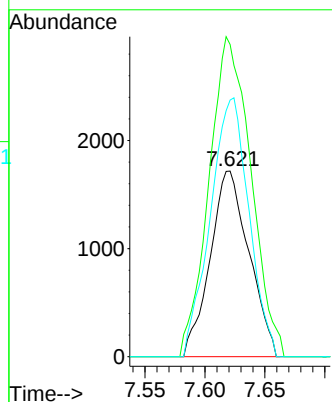


#31
Cyclohexane
Concen: 1.08 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.010 min
Lab File: VN065256.D
Acq: 24 Dec 2020 12:59

Instrument :
MSVOA_N
ClientSampled :

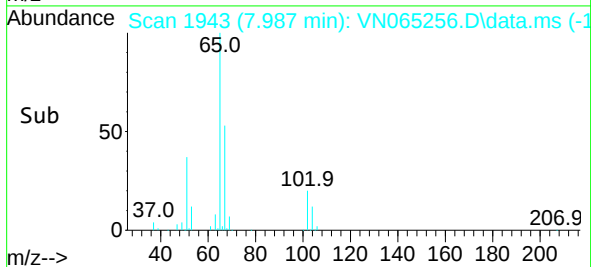
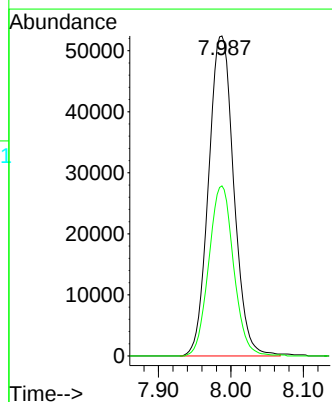
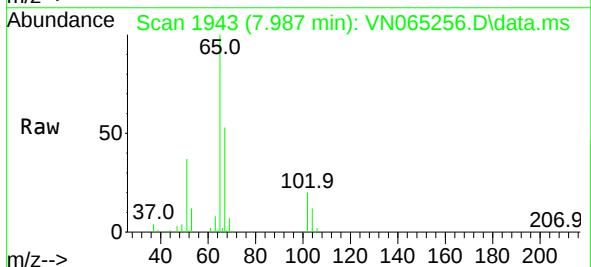


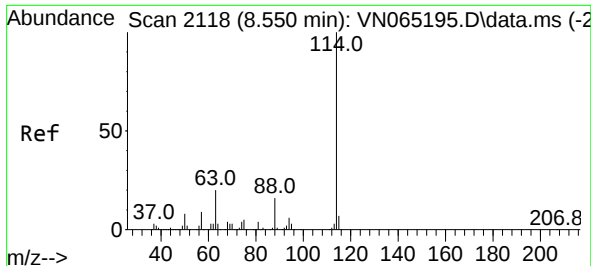
Tgt Ion: 56 Resp: 3864
Ion Ratio Lower Upper
56 100
69 168.2 27.5 41.3#
84 138.2 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 52.14 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. -0.004 min
Lab File: VN065256.D
Acq: 24 Dec 2020 12:59

Tgt Ion: 65 Resp: 126849
Ion Ratio Lower Upper
65 100
67 52.2 0.0 108.2

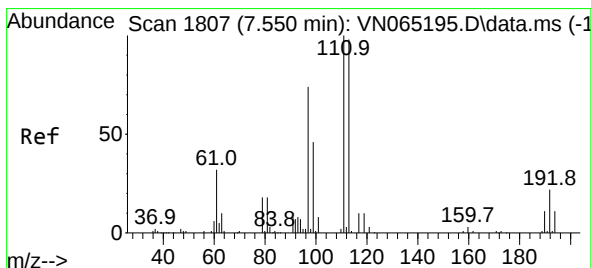
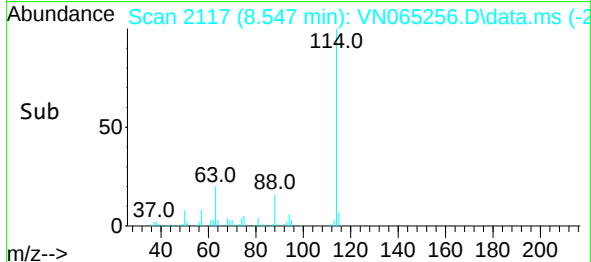
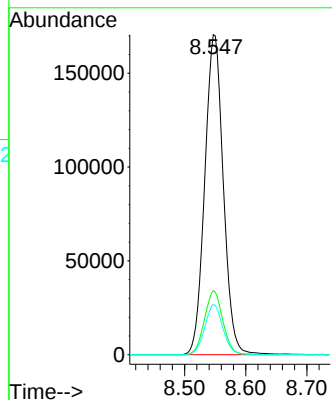
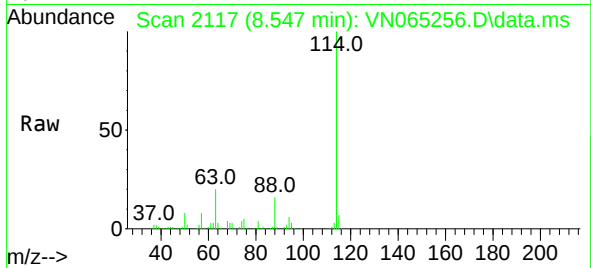




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065256.D
Acq: 24 Dec 2020 12:59

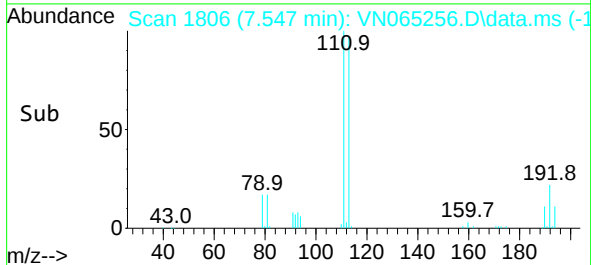
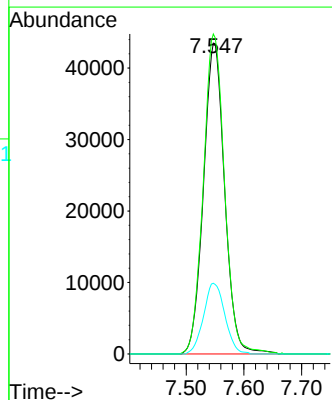
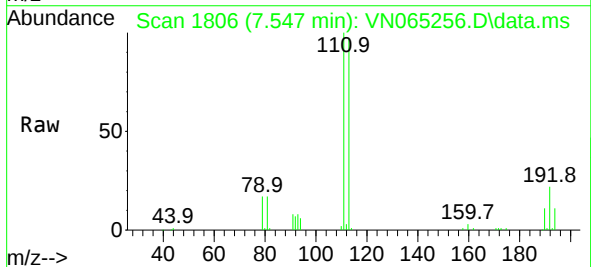
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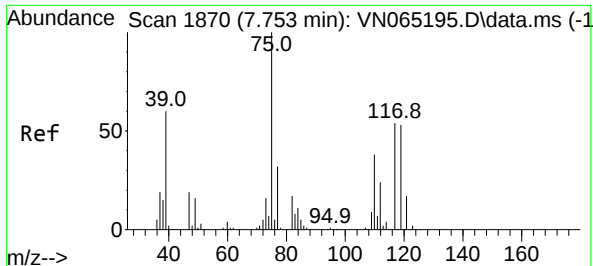
Tgt Ion:114 Resp: 360361
Ion Ratio Lower Upper
114 100
63 20.0 0.0 38.6
88 15.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.80 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VN065256.D
Acq: 24 Dec 2020 12:59

Tgt Ion:113 Resp: 110443
Ion Ratio Lower Upper
113 100
111 103.6 81.6 122.4
192 23.0 16.2 24.2

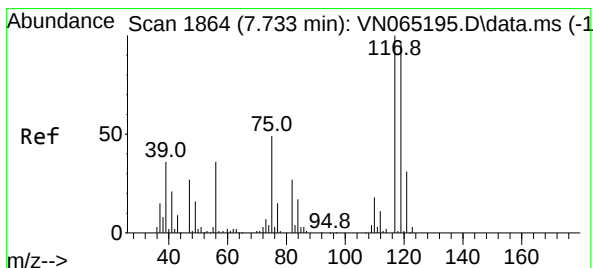
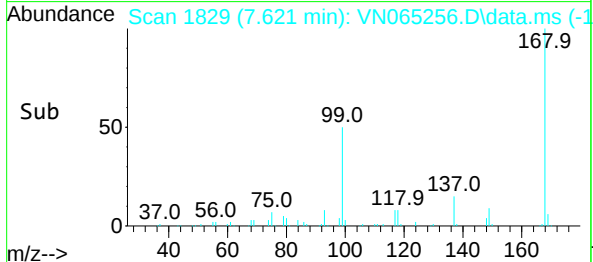
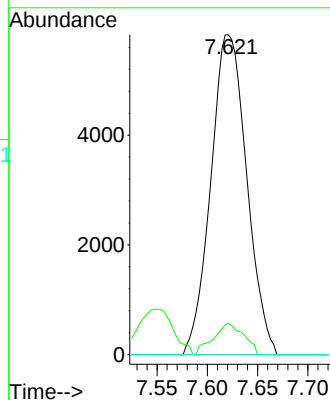
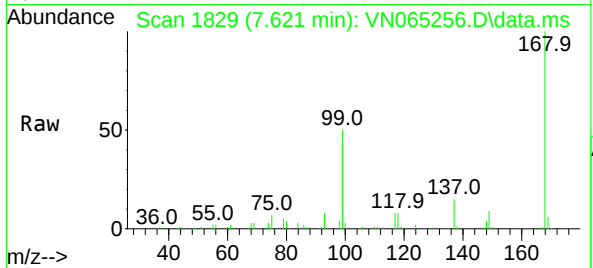




#36
1,1-Dichloropropene
Concen: 4.42 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.132 min
Lab File: VN065256.D
Acq: 24 Dec 2020 12:59

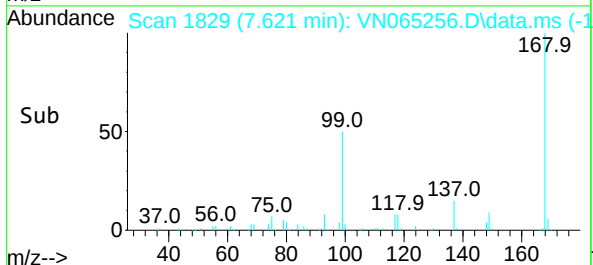
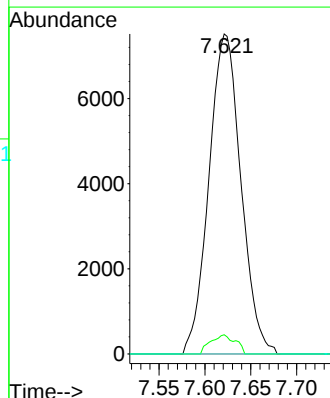
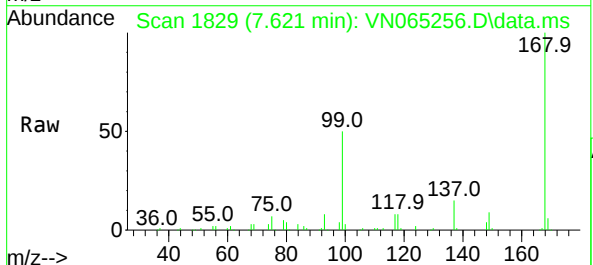
Instrument :
MSVOA_N
ClientSampleId :

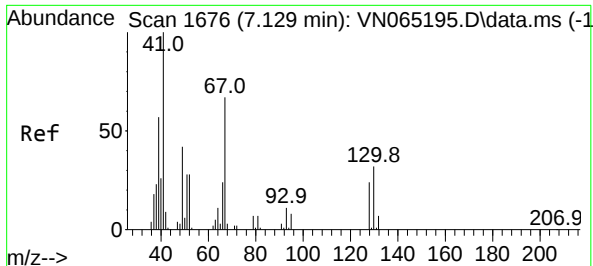
Tgt Ion: 75 Resp: 14479
Ion Ratio Lower Upper
75 100
110 8.3 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.30 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.112 min
Lab File: VN065256.D
Acq: 24 Dec 2020 12:59

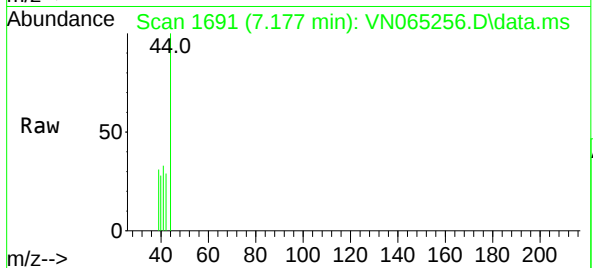
Tgt Ion: 117 Resp: 18246
Ion Ratio Lower Upper
117 100
119 6.0 76.7 115.1#
121 0.0 25.4 38.2#



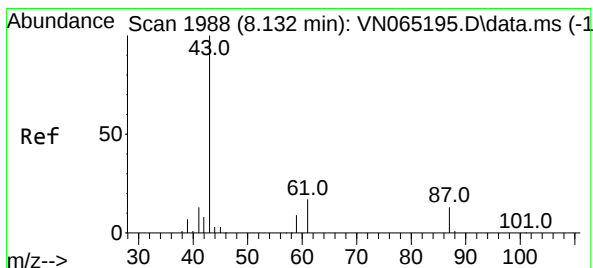
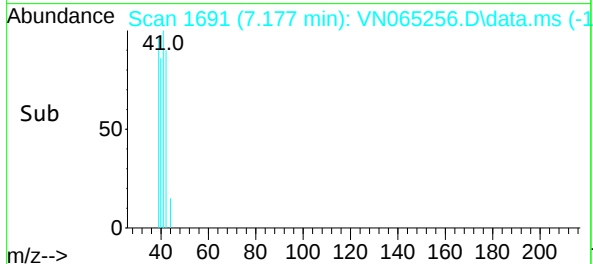
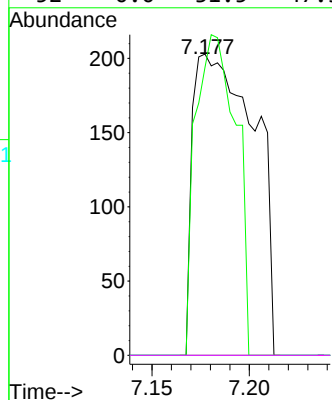


#41
Methacrylonitrile
Concen: 0.26 ug/l
RT: 7.177 min Scan# 1691
Delta R.T. 0.048 min
Lab File: VN065256.D
Acq: 24 Dec 2020 12:59

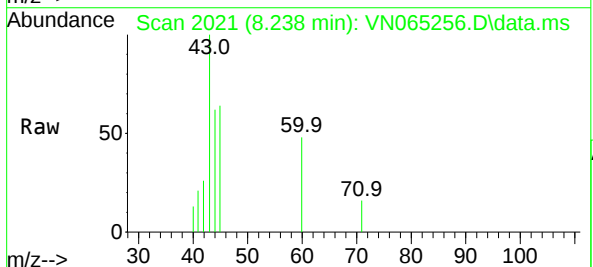
Instrument :
MSVOA_N
ClientSampled :



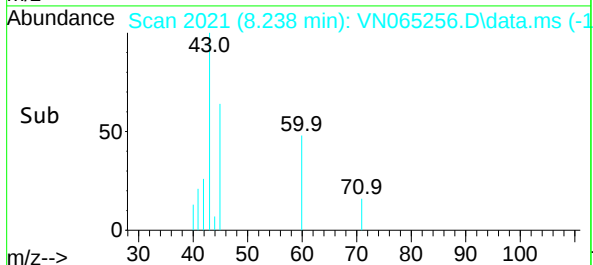
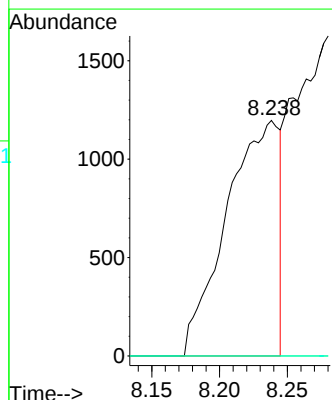
Tgt Ion:	41	Resp:	444
Ion	Ratio	Lower	Upper
41	100		
39	70.3	51.0	76.6
67	0.0	79.8	119.8#
52	0.0	31.5	47.3#

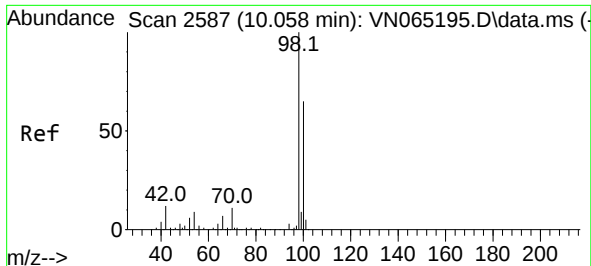


#43
Isopropyl Acetate
Concen: 0.58 ug/l
RT: 8.238 min Scan# 2021
Delta R.T. 0.106 min
Lab File: VN065256.D
Acq: 24 Dec 2020 12:59



Tgt Ion:	43	Resp:	3255
Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.2	25.8#
87	0.0	11.4	17.0#

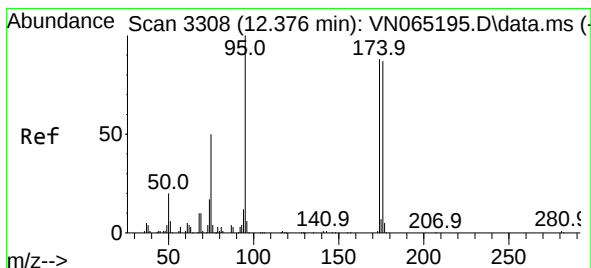
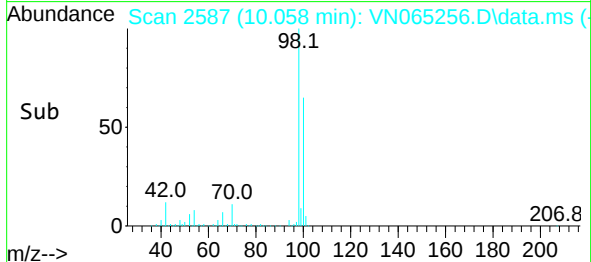
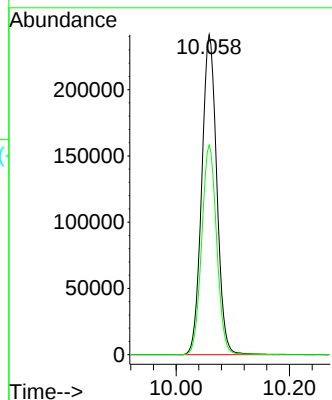
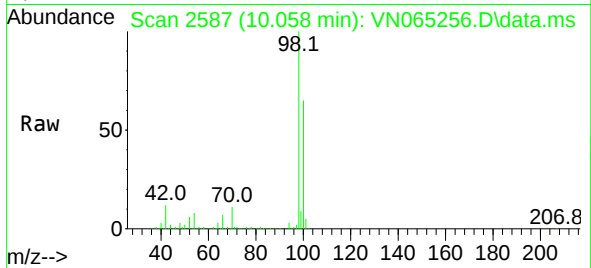




#50
Toluene-d8
Concen: 54.43 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065256.D
Acq: 24 Dec 2020 12:59

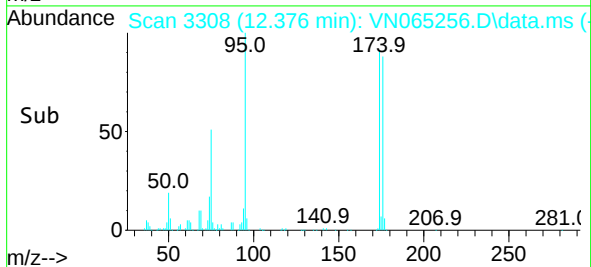
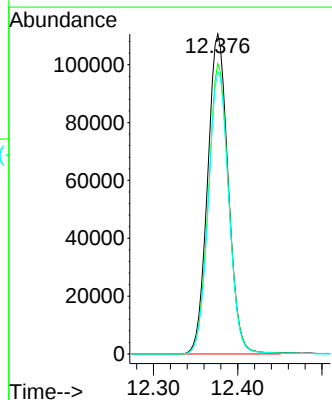
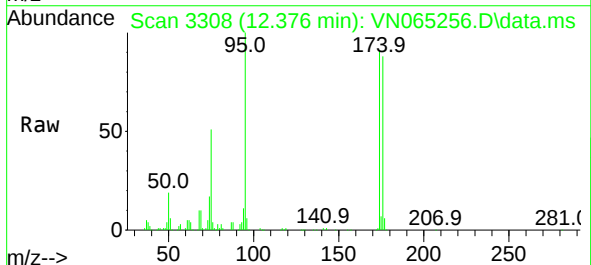
Instrument :
MSVOA_N
ClientSampled :

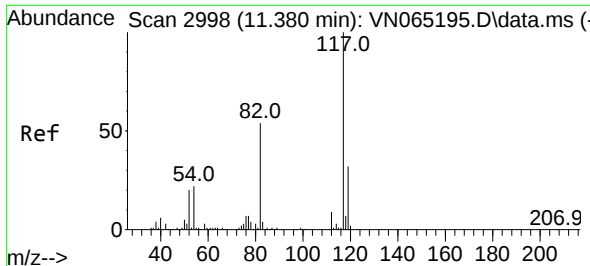
Tgt Ion: 98 Resp: 443539
Ion Ratio Lower Upper
98 100
100 65.4 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 57.48 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065256.D
Acq: 24 Dec 2020 12:59

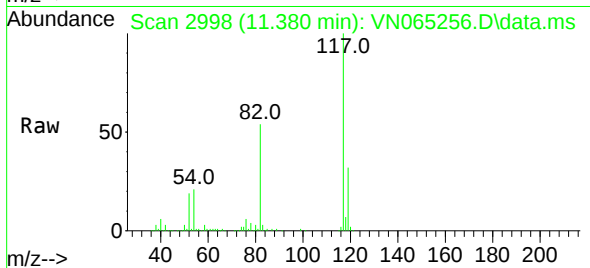
Tgt Ion: 95 Resp: 187985
Ion Ratio Lower Upper
95 100
174 90.0 0.0 160.4
176 87.5 0.0 158.4



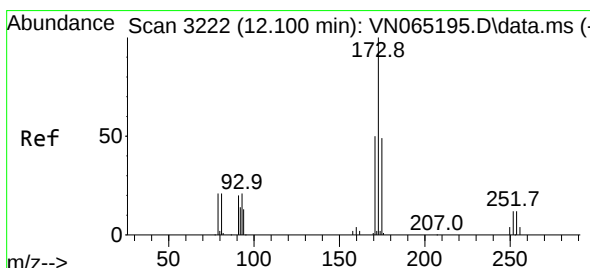
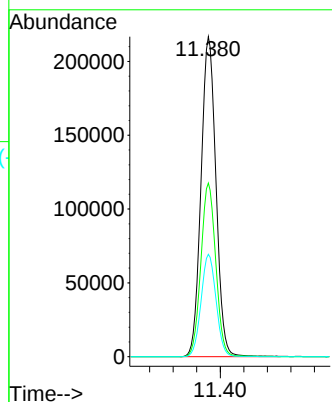
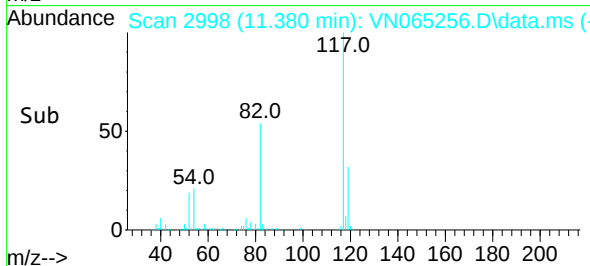


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065256.D
Acq: 24 Dec 2020 12:59

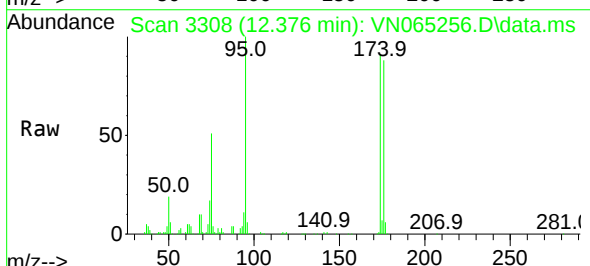
Instrument :
MSVOA_N
ClientSampleId :



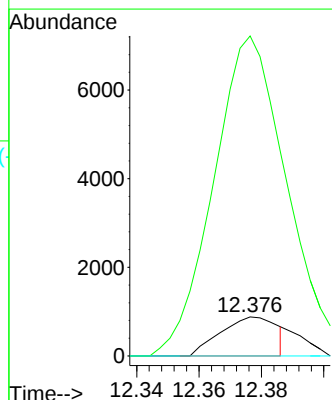
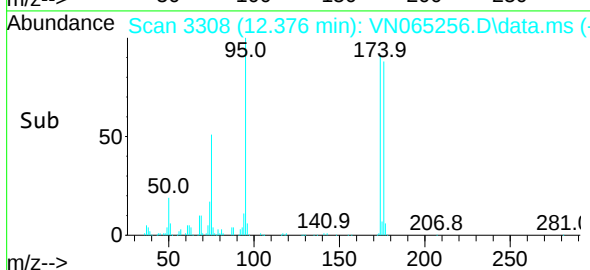
Tgt Ion:117 Resp: 382025
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 32.0 25.8 38.6

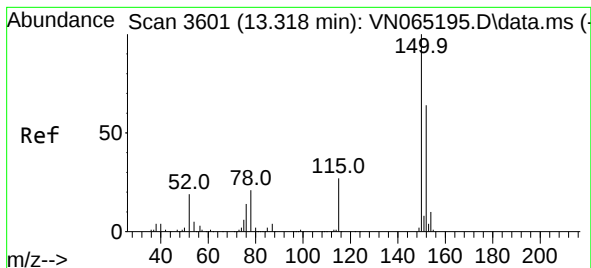


#71
Bromoform
Concen: 0.42 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065256.D
Acq: 24 Dec 2020 12:59



Tgt Ion:173 Resp: 1106
Ion Ratio Lower Upper
173 100
175 885.4 24.3 72.8#
254 0.0 0.0 0.0

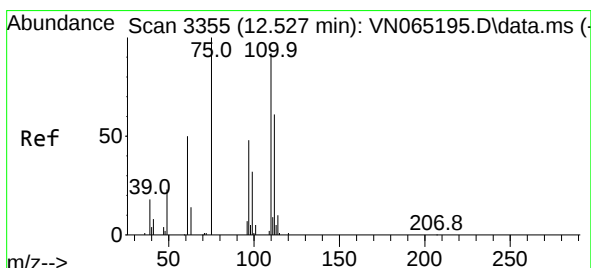
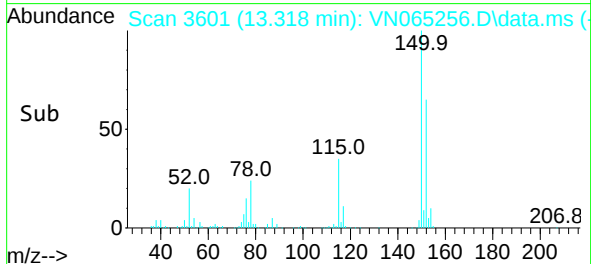
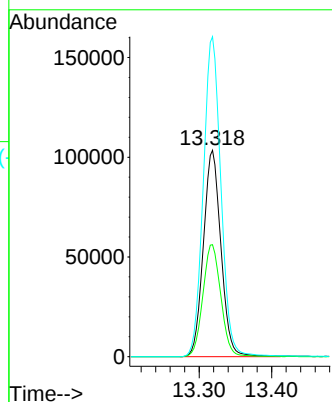
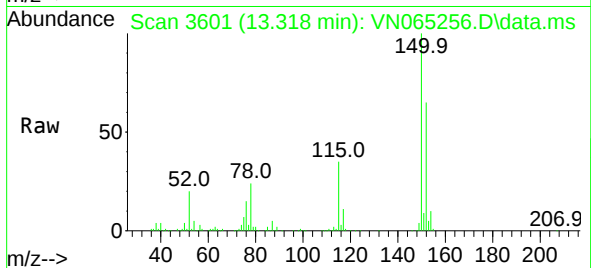




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065256.D
Acq: 24 Dec 2020 12:59

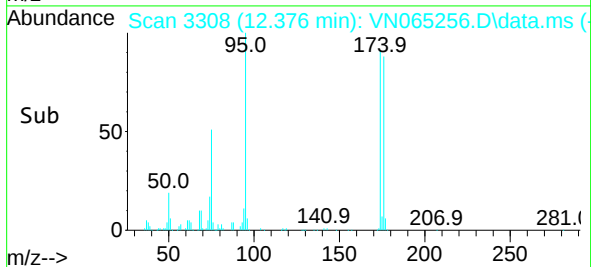
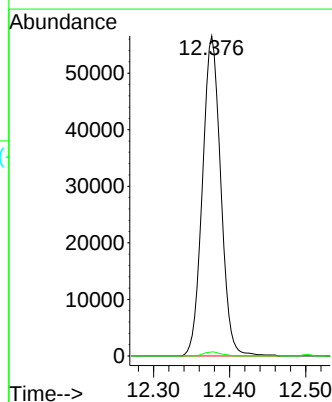
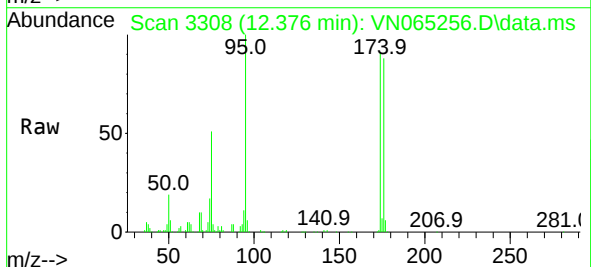
Instrument :
MSVOA_N
ClientSampleId :

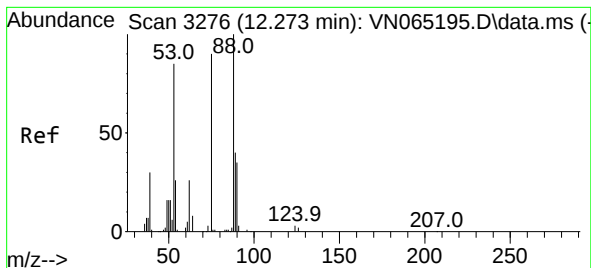
Tgt Ion:152 Resp: 173966
Ion Ratio Lower Upper
152 100
115 55.6 29.7 89.1
150 155.8 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 26.63 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065256.D
Acq: 24 Dec 2020 12:59

Tgt Ion: 75 Resp: 94521
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

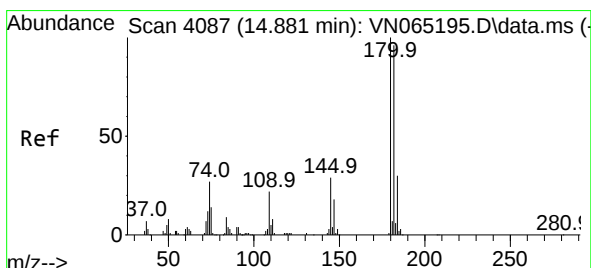
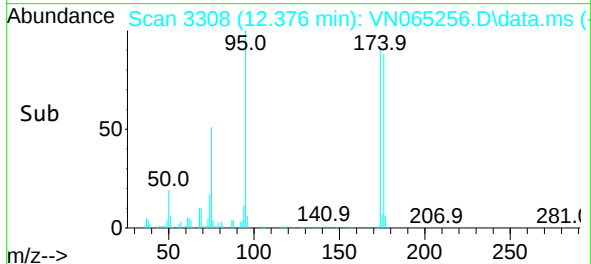
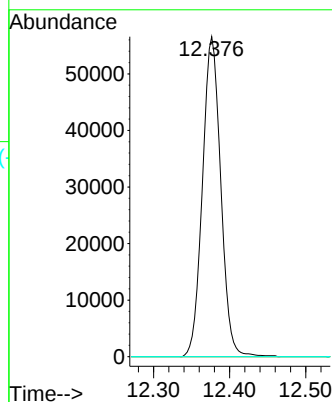
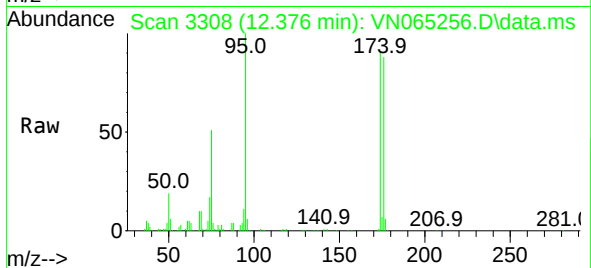




#81
trans-1,4-Dichloro-2-butene
Concen: 67.15 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065256.D
Acq: 24 Dec 2020 12:59

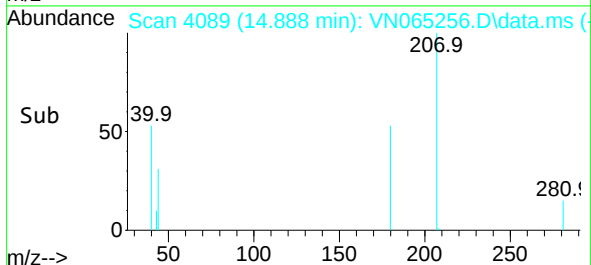
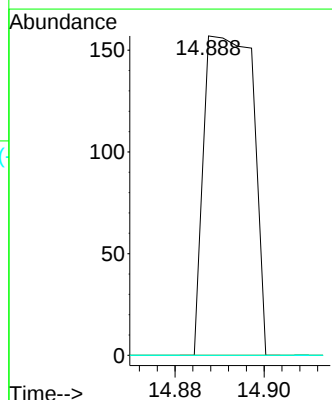
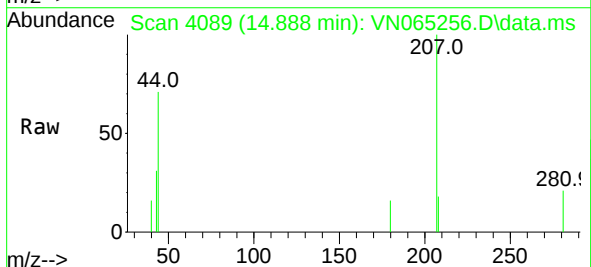
Instrument :
MSVOA_N
ClientSampled :

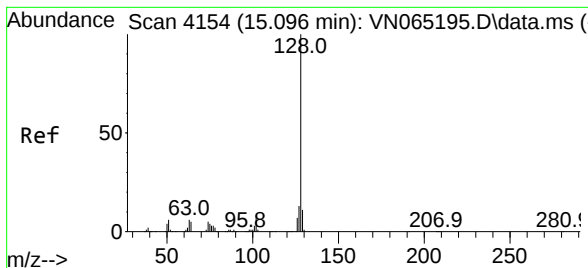
Tgt Ion: 75 Resp: 94521
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#



#93
1,2,4-Trichlorobenzene
Concen: 2.86 ug/l
RT: 14.888 min Scan# 4089
Delta R.T. 0.007 min
Lab File: VN065256.D
Acq: 24 Dec 2020 12:59

Tgt Ion:180 Resp: 119
Ion Ratio Lower Upper
180 100
182 0.0 47.6 142.9#
145 0.0 15.3 45.8#

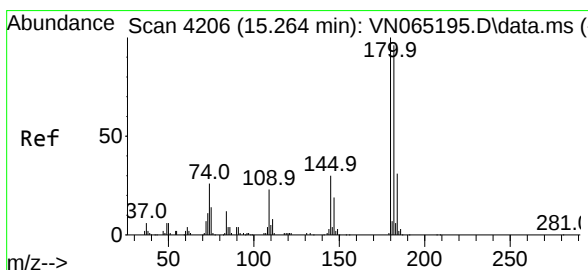
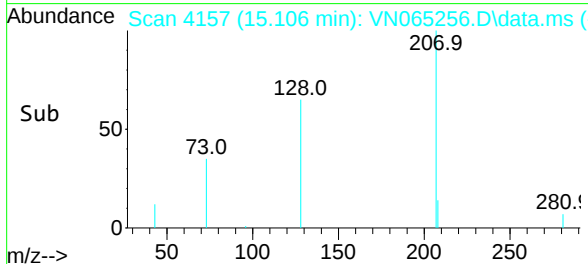
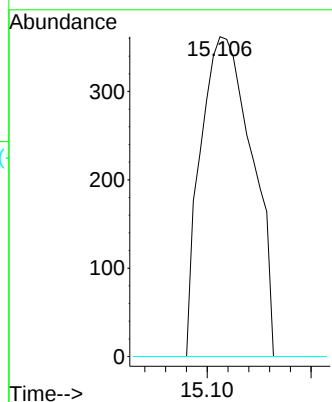
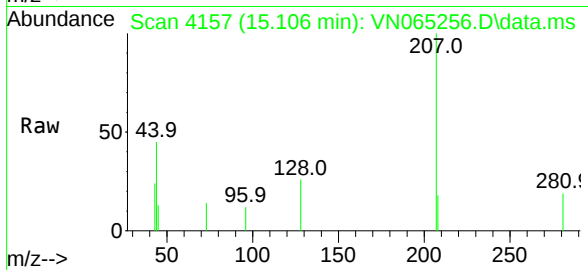




#95
Naphthalene
Concen: 3.44 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.010 min
Lab File: VN065256.D
Acq: 24 Dec 2020 12:59

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 620
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 3.27 ug/l
RT: 15.270 min Scan# 4208
Delta R.T. 0.006 min
Lab File: VN065256.D
Acq: 24 Dec 2020 12:59

Tgt Ion:180 Resp: 165
Ion Ratio Lower Upper
180 100
182 37.0 48.1 144.4#
145 0.0 16.4 49.1#

