

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121420\
 Data File : VN065102.D
 Acq On : 14 Dec 2020 15:55
 Operator : JC/MD
 Sample : L5050-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 15 05:49:47 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121420W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 15 05:41:47 2020
 Response via : Initial Calibration

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

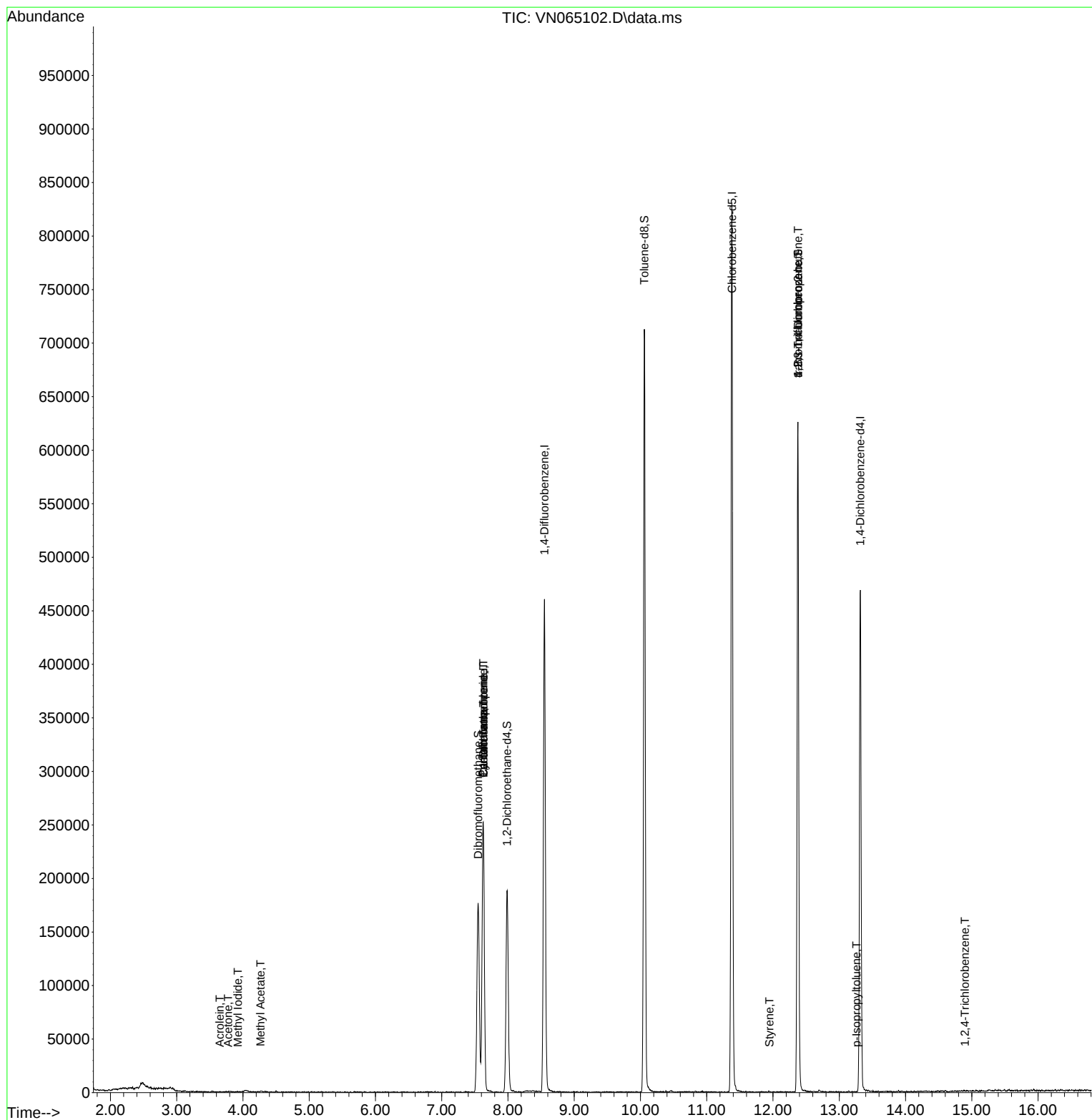
Internal Standards						
1) Pentafluorobenzene	7.627	168	186208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	386175	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	477080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	115970	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	173592	81.09	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 162.18%#			
35) Dibromofluoromethane	7.550	113	128943	48.04	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.08%			
50) Toluene-d8	10.058	98	466991	49.20	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.40%			
62) 4-Bromofluorobenzene	12.376	95	203728	62.32	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 124.64%			
Target Compounds					Qvalue	
3) Chloromethane	2.026	50	227	Below Cal	#	41
5) Bromomethane	2.544	94	588	Below Cal	#	48
10) Methyl Iodide	3.923	142	134	3.99 ug/l	#	40
13) Acrolein	3.650	56	117	1.12 ug/l	#	46
16) Acetone	3.775	43	338	0.42 ug/l	#	43
18) Methyl Acetate	4.267	43	367	0.21 ug/l	#	50
20) Methylene Chloride	4.499	84	276	Below Cal	#	11
31) Cyclohexane	7.627	56	5565	1.91 ug/l	#	44
36) 1,1-Dichloropropene	7.627	75	17210	4.67 ug/l	#	51
38) Carbon Tetrachloride	7.627	117	20076	4.72 ug/l	#	17
70) Styrene	11.945	104	143	1.39 ug/l	#	26
76) 1,2,3-Trichloropropane	12.376	75	109600	52.67 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.376	75	109600	146.55 ug/l	#	15
86) p-Isopropyltoluene	13.261	119	59	1.07 ug/l	#	51
93) 1,2,4-Trichlorobenzene	14.897	180	61	3.75 ug/l	#	12

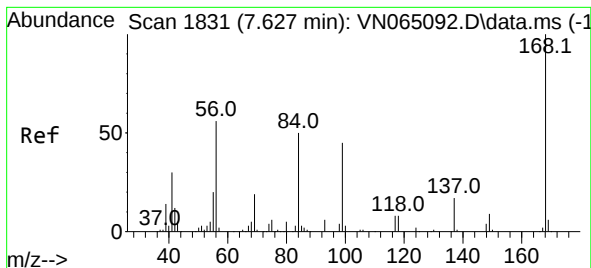
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121420\
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Misc : 5.00mL/MSVOA_N/WATER
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Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 15 05:49:47 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121420W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 15 05:41:47 2020
Response via : Initial Calibration

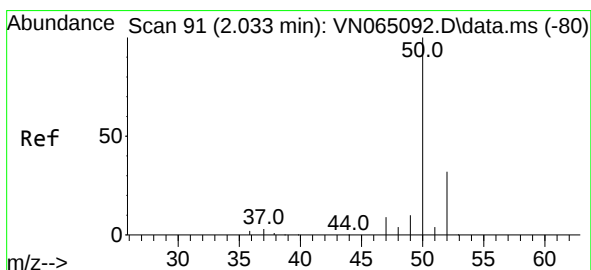
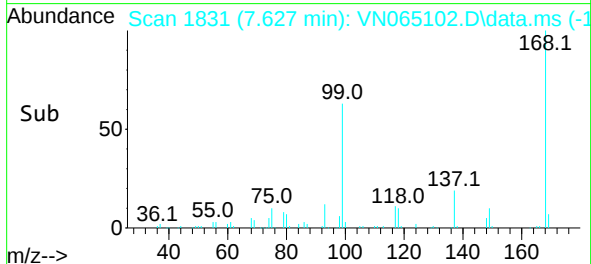
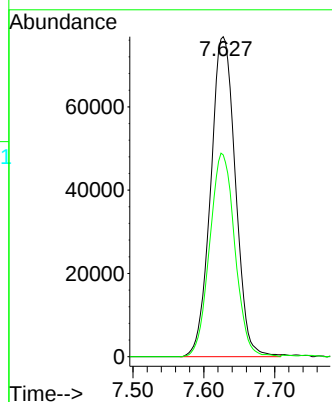
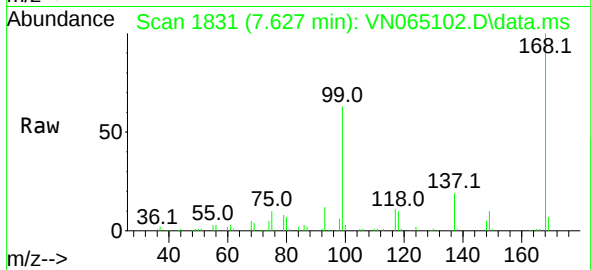




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065102.D
Acq: 14 Dec 2020 15:55

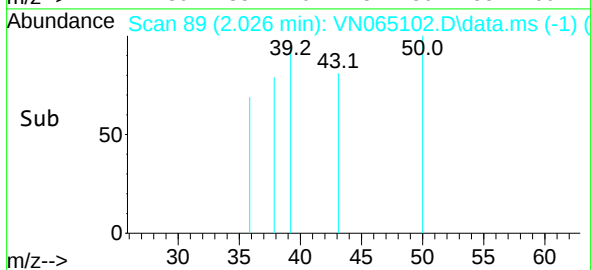
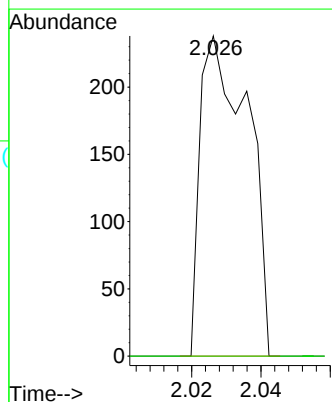
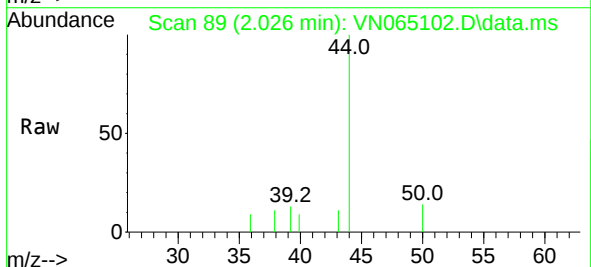
Instrument :
MSVOA_N
ClientSampled :

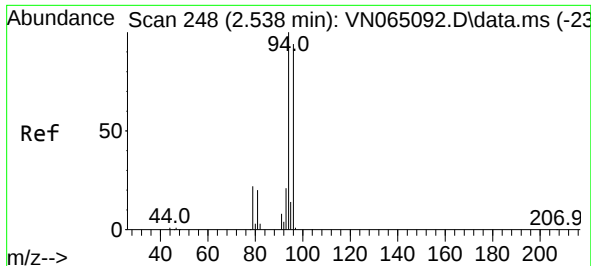
Tgt Ion:168 Resp: 186208
Ion Ratio Lower Upper
168 100
99 63.0 43.0 64.4



#3
Chloromethane
Concen: Below Cal
RT: 2.026 min Scan# 89
Delta R.T. -0.007 min
Lab File: VN065102.D
Acq: 14 Dec 2020 15:55

Tgt Ion: 50 Resp: 227
Ion Ratio Lower Upper
50 100
52 0.0 26.6 39.8#

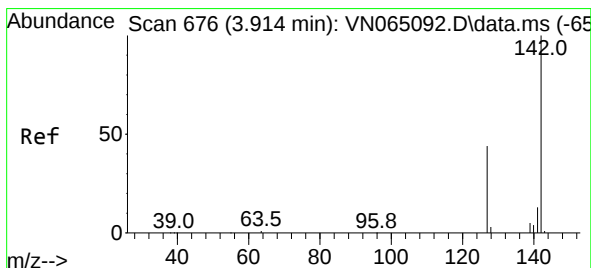
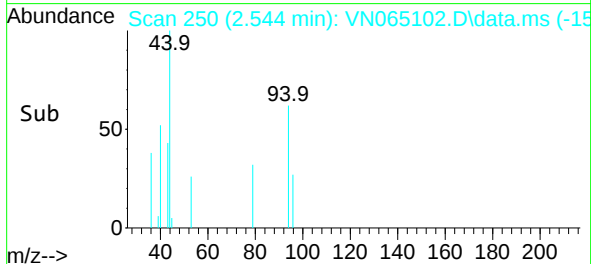
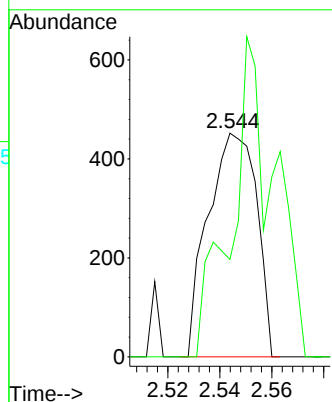
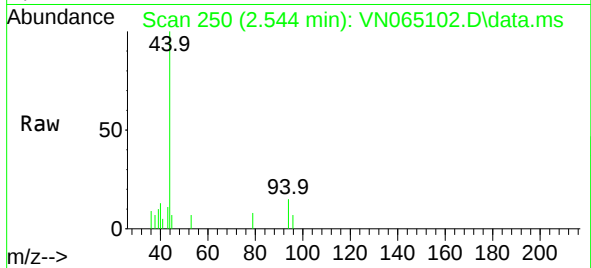




#5
Bromomethane
Concen: Below Cal
RT: 2.544 min Scan# 250
Delta R.T. 0.006 min
Lab File: VN065102.D
Acq: 14 Dec 2020 15:55

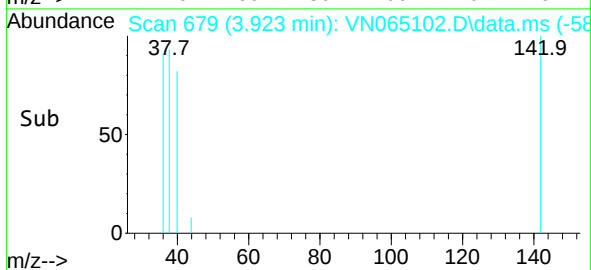
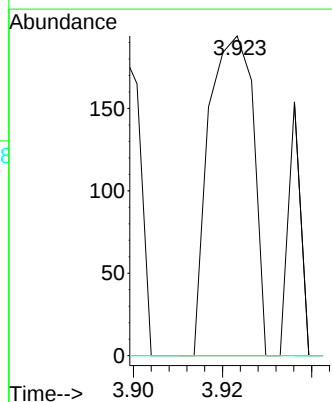
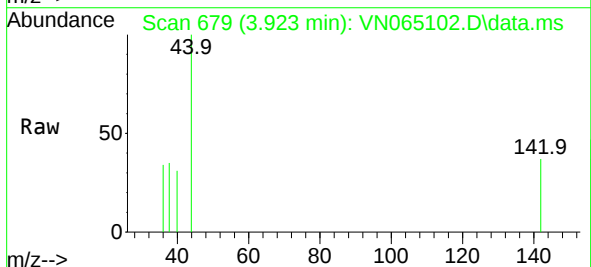
Instrument :
MSVOA_N
ClientSampled :

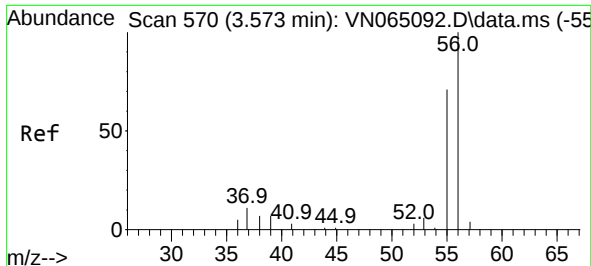
Tgt Ion: 94 Resp: 588
Ion Ratio Lower Upper
94 100
96 43.6 75.4 113.0#



#10
Methyl Iodide
Concen: 3.99 ug/l
RT: 3.923 min Scan# 679
Delta R.T. 0.009 min
Lab File: VN065102.D
Acq: 14 Dec 2020 15:55

Tgt Ion:142 Resp: 134
Ion Ratio Lower Upper
142 100
127 0.0 35.0 52.6#
141 0.0 11.8 17.6#

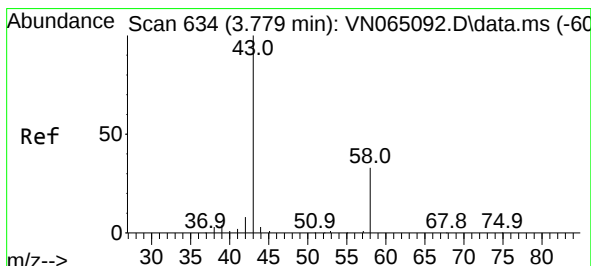
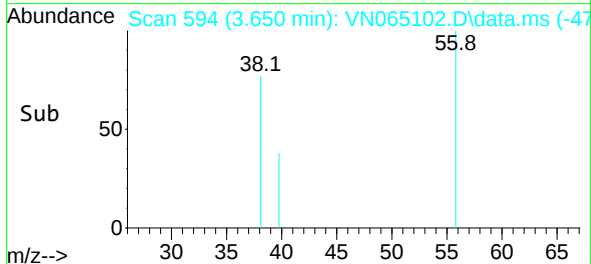
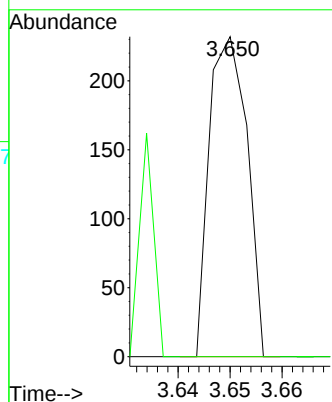
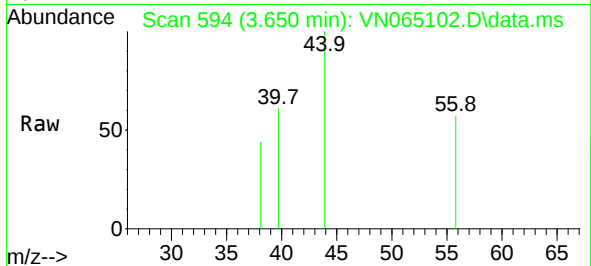




#13
Acrolein
Concen: 1.12 ug/l
RT: 3.650 min Scan# 594
Delta R.T. 0.077 min
Lab File: VN065102.D
Acq: 14 Dec 2020 15:55

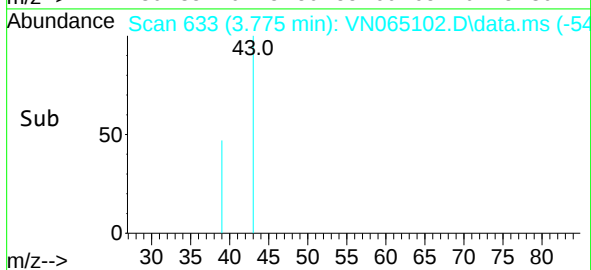
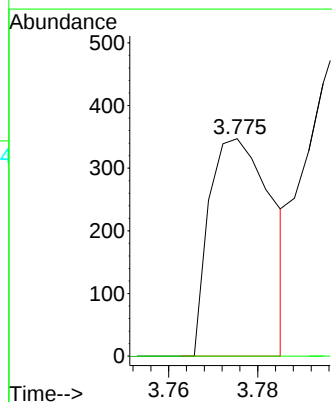
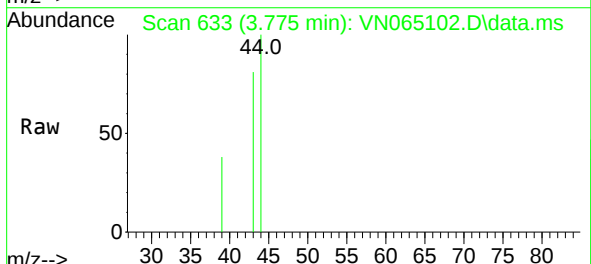
Instrument :
MSVOA_N
ClientSampled :

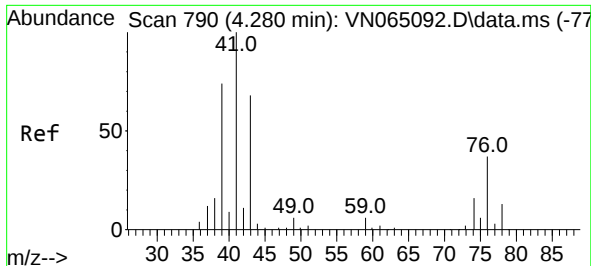
Tgt Ion: 56 Resp: 117
Ion Ratio Lower Upper
56 100
55 26.5 56.5 84.7#



#16
Acetone
Concen: 0.42 ug/l
RT: 3.775 min Scan# 633
Delta R.T. -0.004 min
Lab File: VN065102.D
Acq: 14 Dec 2020 15:55

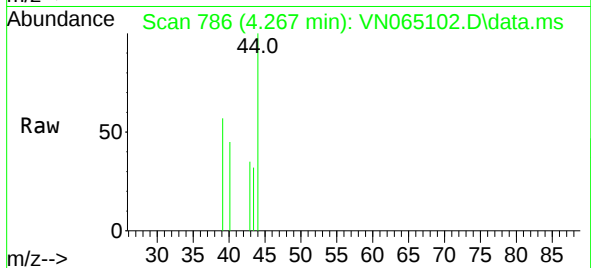
Tgt Ion: 43 Resp: 338
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



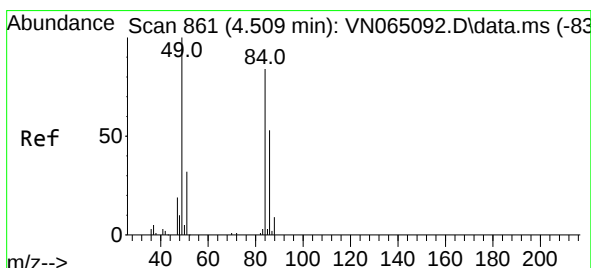
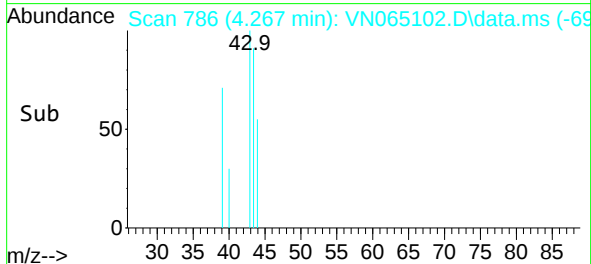
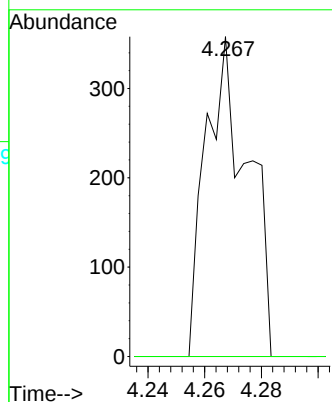


#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 4.267 min Scan# 786
Delta R.T. -0.013 min
Lab File: VN065102.D
Acq: 14 Dec 2020 15:55

Instrument :
MSVOA_N
ClientSampled :

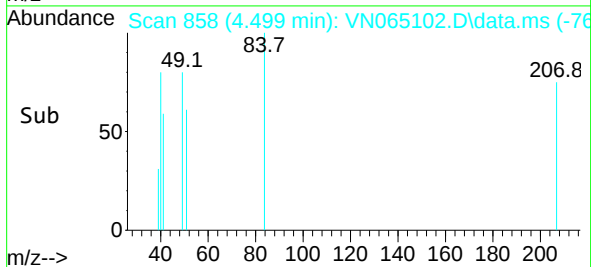
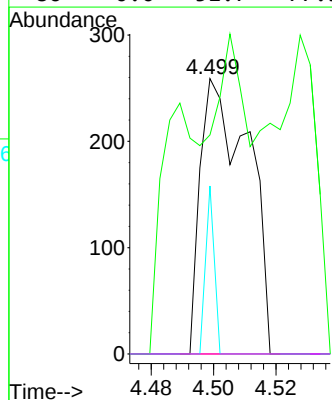
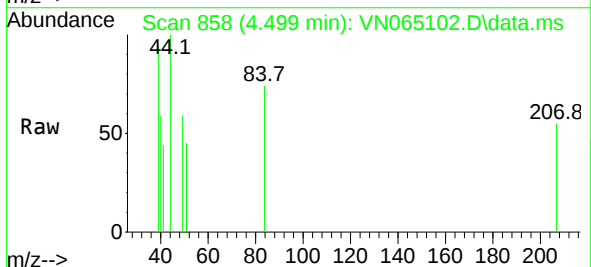


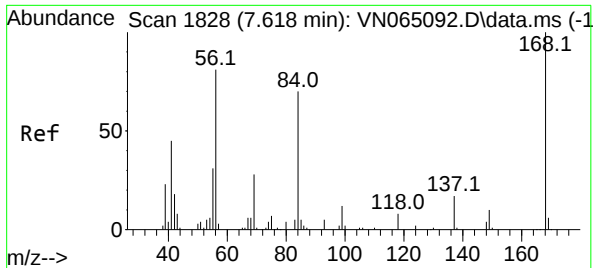
Tgt Ion: 43 Resp: 367
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.499 min Scan# 858
Delta R.T. -0.010 min
Lab File: VN065102.D
Acq: 14 Dec 2020 15:55

Tgt Ion: 84 Resp: 276
Ion Ratio Lower Upper
84 100
49 0.0 93.4 140.0#
51 61.0 28.2 42.4#
86 0.0 51.7 77.5#

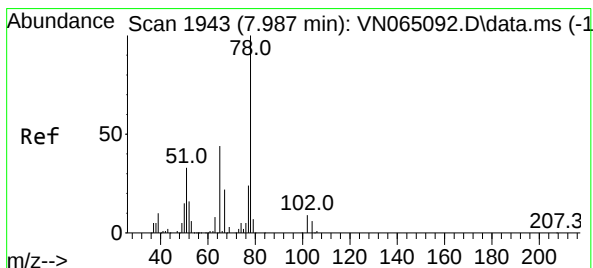
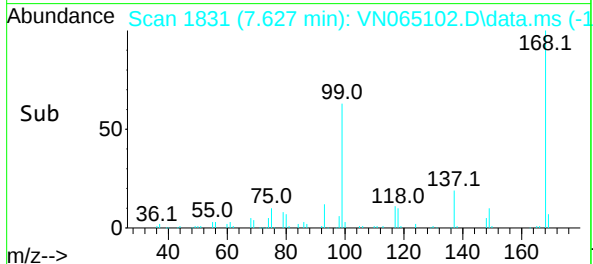
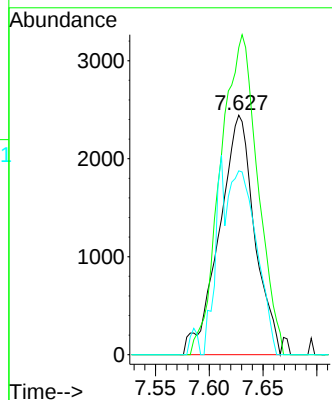
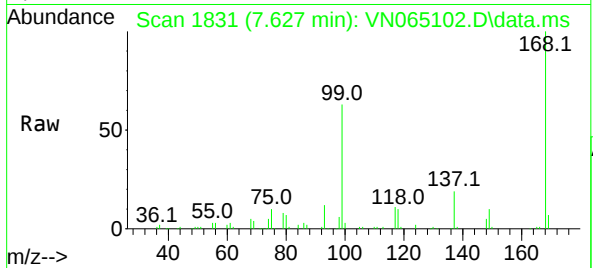




#31
Cyclohexane
Concen: 1.91 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.009 min
Lab File: VN065102.D
Acq: 14 Dec 2020 15:55

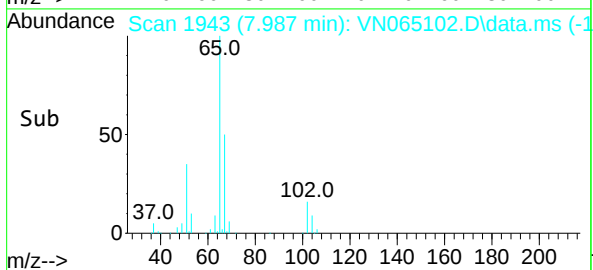
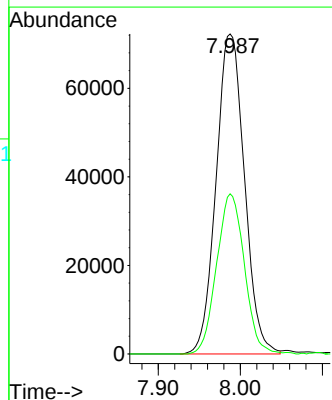
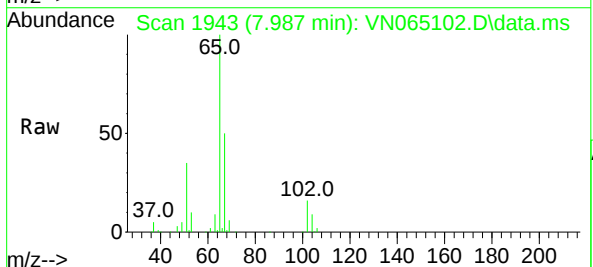
Instrument :
MSVOA_N
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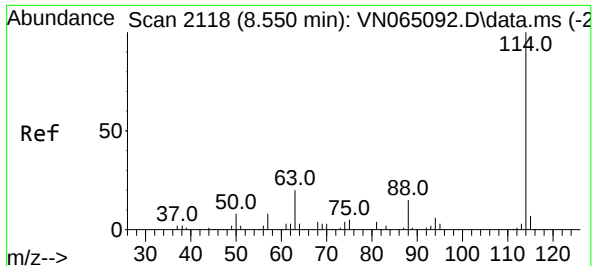
Tgt Ion: 56 Resp: 5565
Ion Ratio Lower Upper
56 100
69 128.2 27.5 41.3#
84 76.8 73.9 110.9



#33
1,2-Dichloroethane-d4
Concen: 81.09 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065102.D
Acq: 14 Dec 2020 15:55

Tgt Ion: 65 Resp: 173592
Ion Ratio Lower Upper
65 100
67 49.0 0.0 108.2

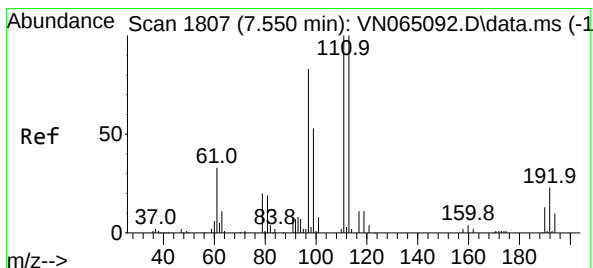
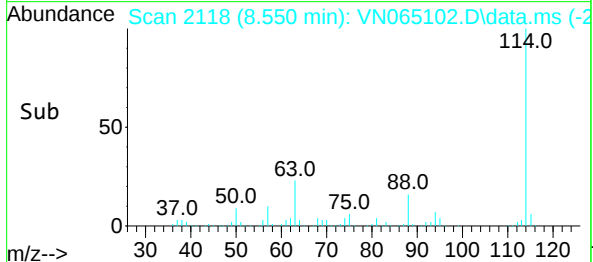
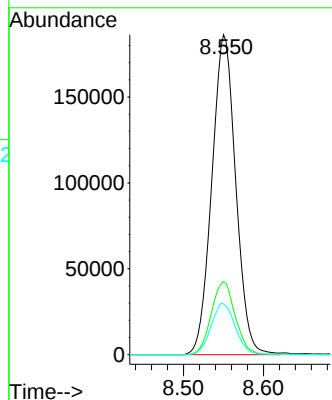
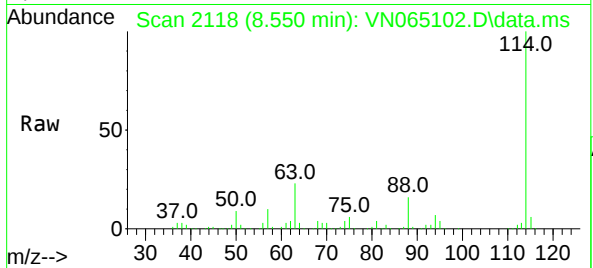




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065102.D
Acq: 14 Dec 2020 15:55

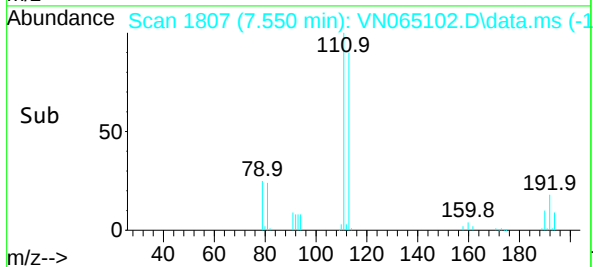
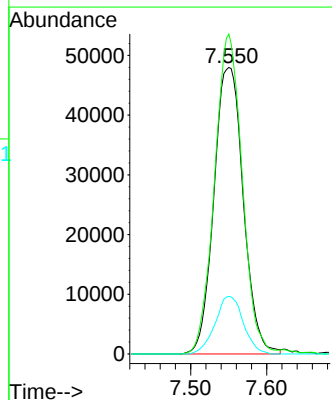
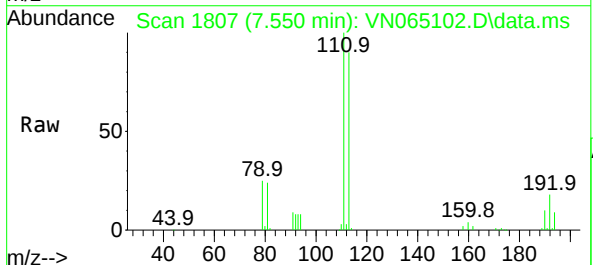
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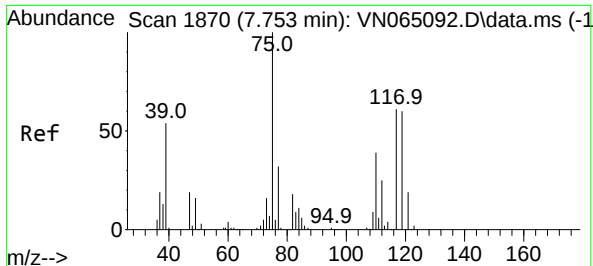
Tgt Ion:114 Resp: 386175
Ion Ratio Lower Upper
114 100
63 22.8 0.0 38.6
88 15.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.04 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065102.D
Acq: 14 Dec 2020 15:55

Tgt Ion:113 Resp: 128943
Ion Ratio Lower Upper
113 100
111 105.0 81.6 122.4
192 19.3 16.2 24.2

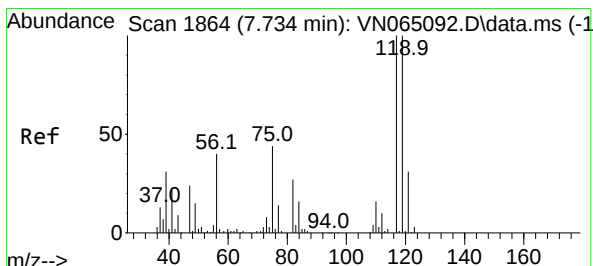
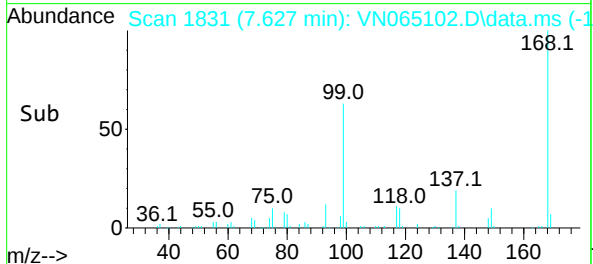
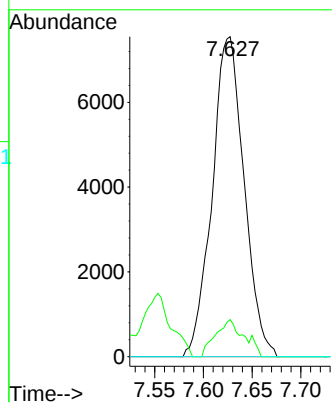
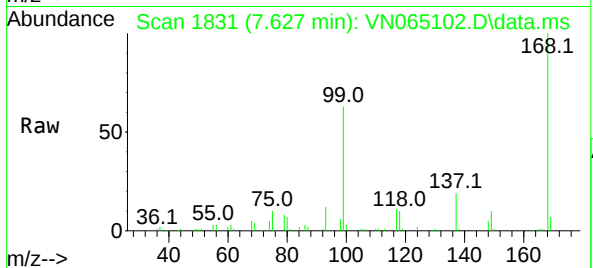




#36
1,1-Dichloropropene
Concen: 4.67 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065102.D
Acq: 14 Dec 2020 15:55

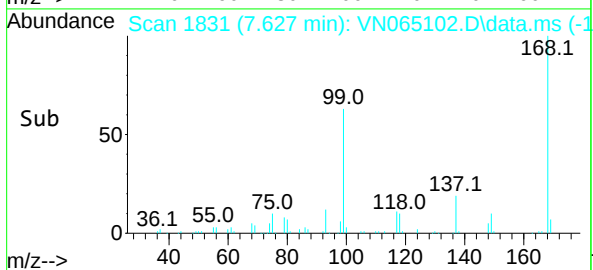
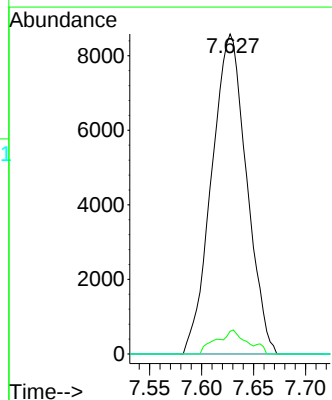
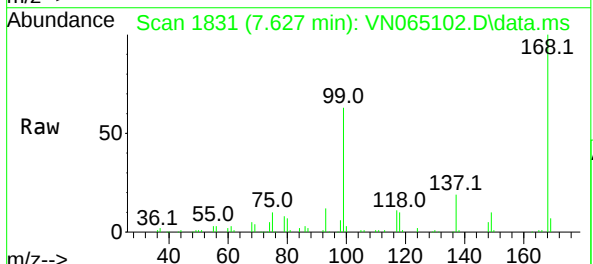
Instrument :
MSVOA_N
ClientSampled :

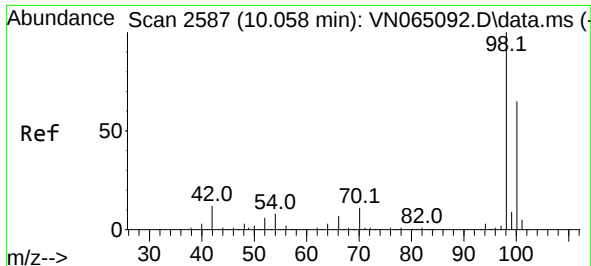
Tgt Ion: 75 Resp: 17210
Ion Ratio Lower Upper
75 100
110 10.3 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 4.72 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN065102.D
Acq: 14 Dec 2020 15:55

Tgt Ion: 117 Resp: 20076
Ion Ratio Lower Upper
117 100
119 7.1 76.7 115.1#
121 0.0 25.4 38.2#

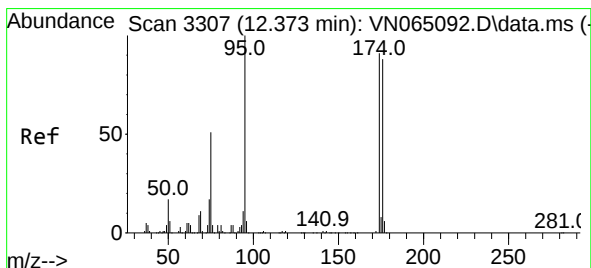
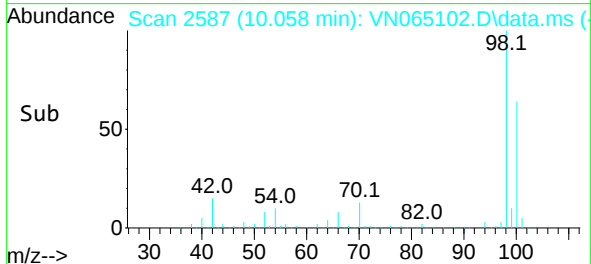
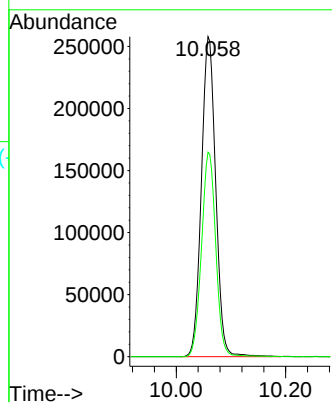
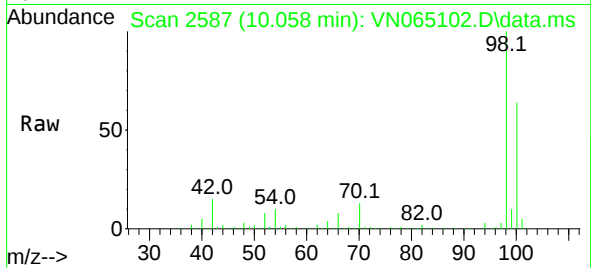




#50
Toluene-d8
Concen: 49.20 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065102.D
Acq: 14 Dec 2020 15:55

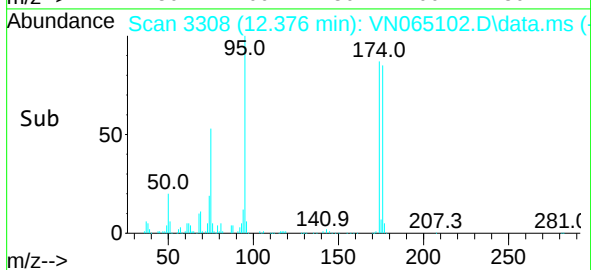
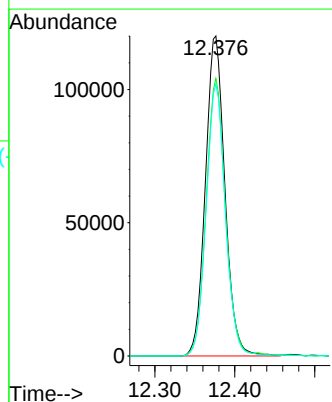
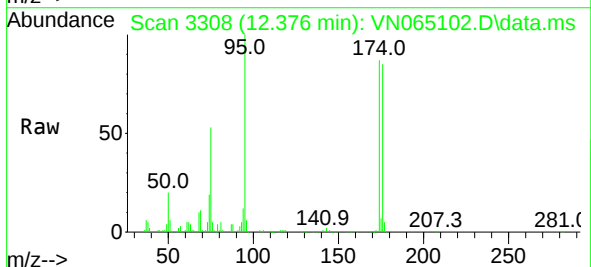
Instrument :
MSVOA_N
ClientSampleId :

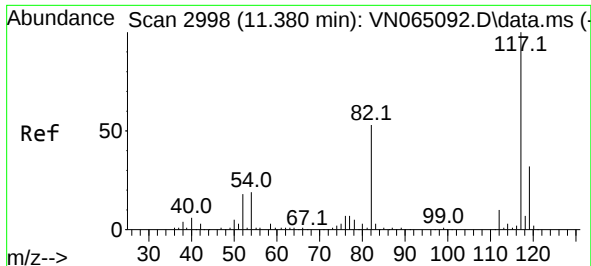
Tgt Ion: 98 Resp: 466991
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 62.32 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.003 min
Lab File: VN065102.D
Acq: 14 Dec 2020 15:55

Tgt Ion: 95 Resp: 203728
Ion Ratio Lower Upper
95 100
174 85.5 0.0 160.4
176 83.6 0.0 158.4

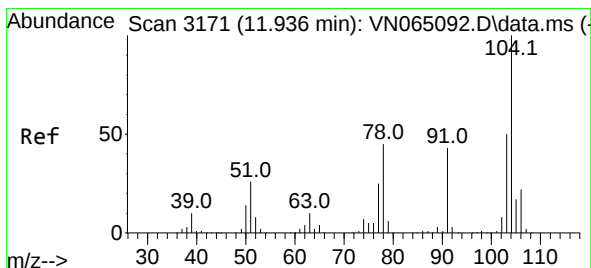
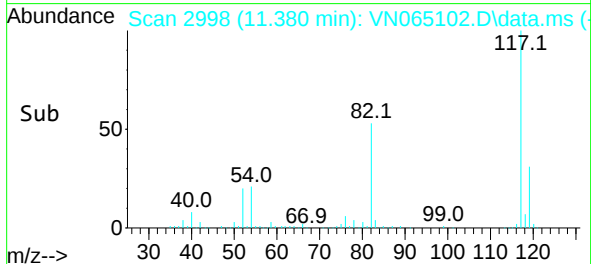
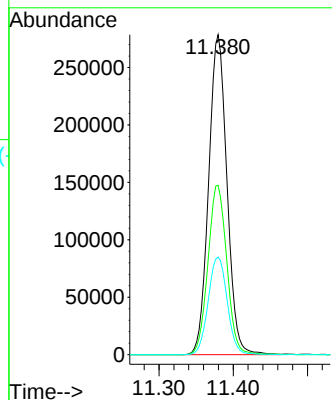
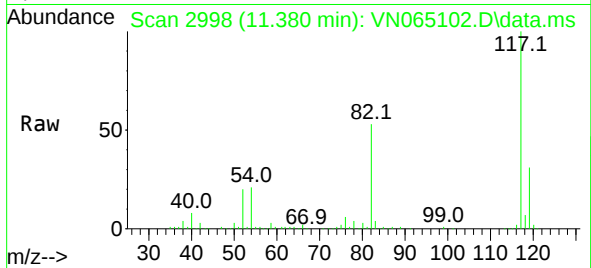




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065102.D
Acq: 14 Dec 2020 15:55

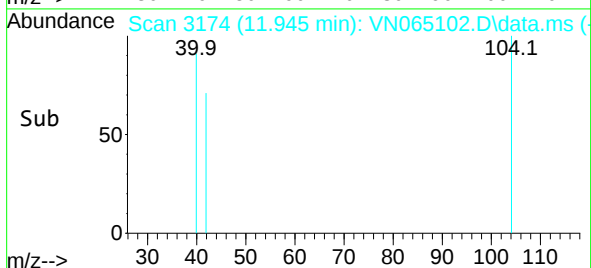
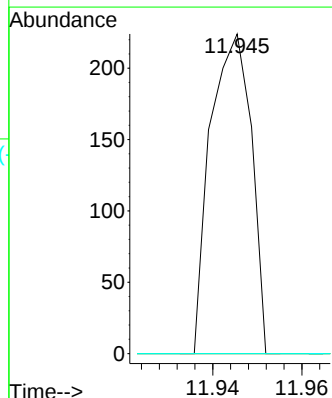
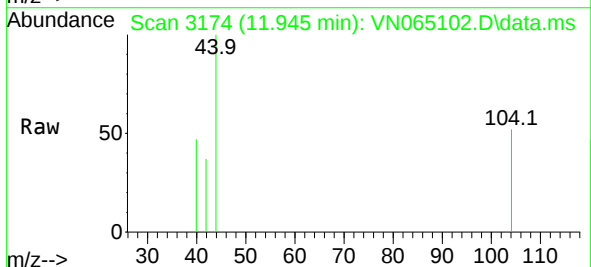
Instrument :
MSVOA_N
ClientSampled :

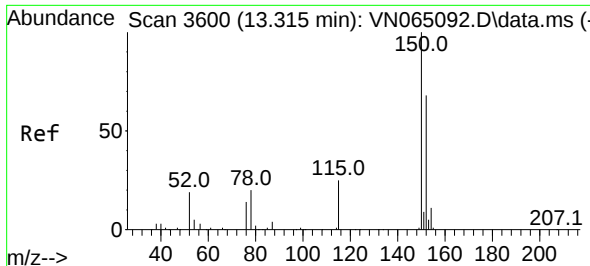
Tgt Ion:117 Resp: 477080
Ion Ratio Lower Upper
117 100
82 53.0 44.2 66.2
119 30.5 25.8 38.6



#70
Styrene
Concen: 1.39 ug/l
RT: 11.945 min Scan# 3174
Delta R.T. 0.009 min
Lab File: VN065102.D
Acq: 14 Dec 2020 15:55

Tgt Ion:104 Resp: 143
Ion Ratio Lower Upper
104 100
78 0.0 39.0 58.6#
103 0.0 44.3 66.5#

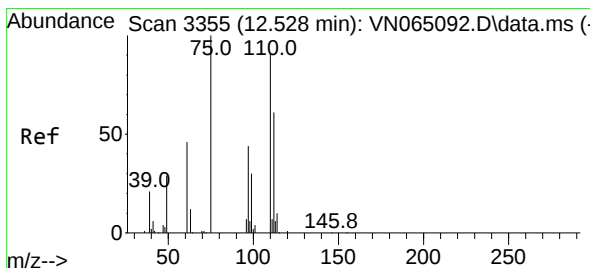
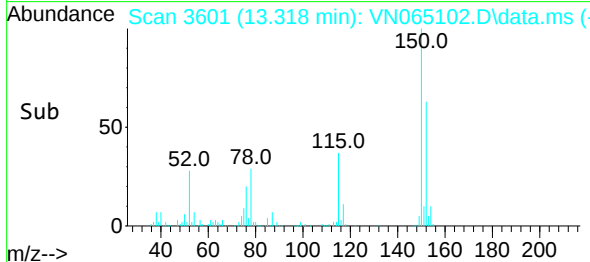
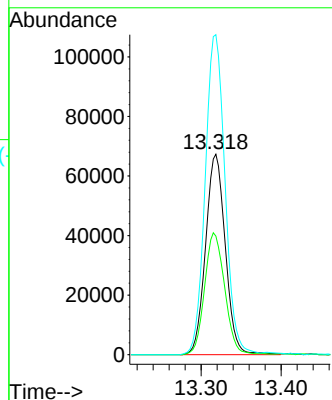
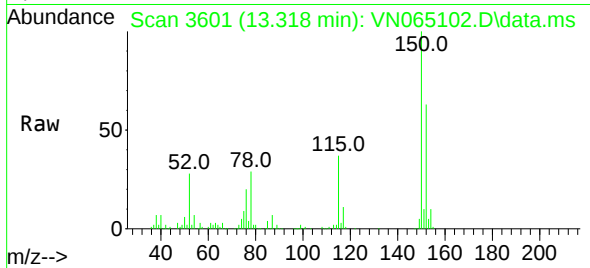




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.003 min
Lab File: VN065102.D
Acq: 14 Dec 2020 15:55

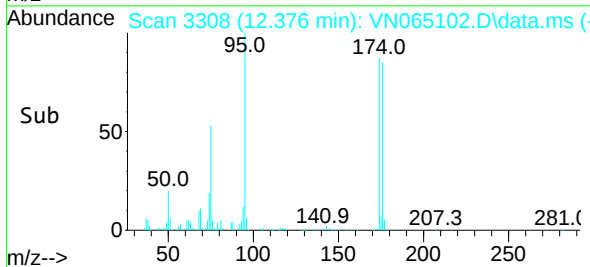
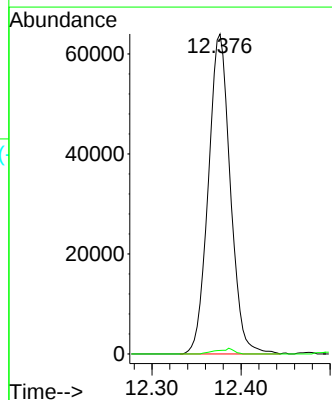
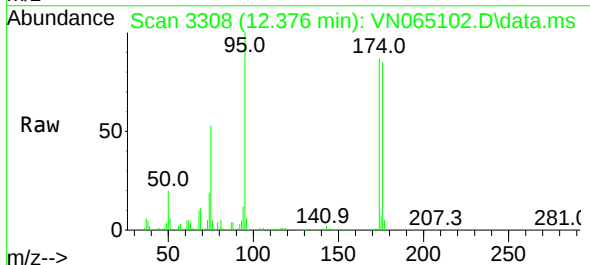
Instrument :
MSVOA_N
ClientSampled :

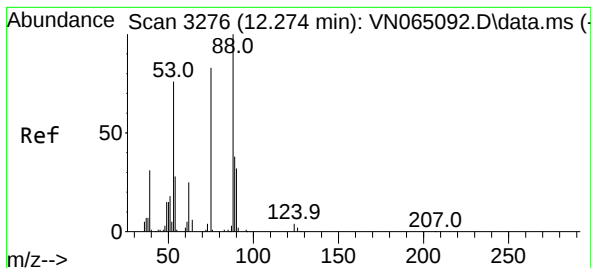
Tgt Ion:152 Resp: 115970
Ion Ratio Lower Upper
152 100
115 62.0 29.7 89.1
150 159.9 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 52.67 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.152 min
Lab File: VN065102.D
Acq: 14 Dec 2020 15:55

Tgt Ion: 75 Resp: 109600
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

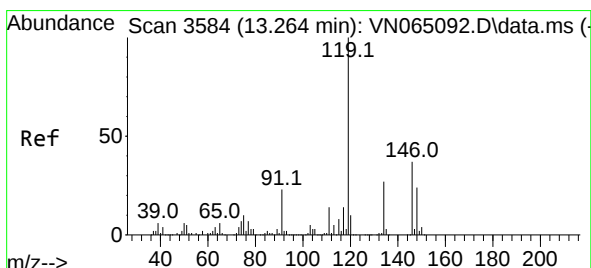
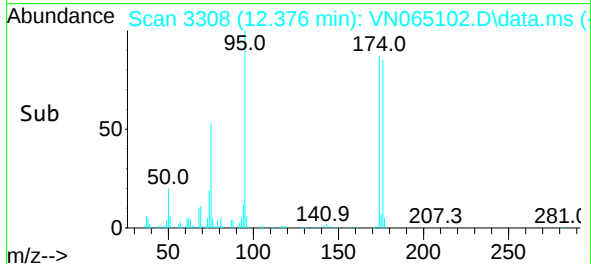
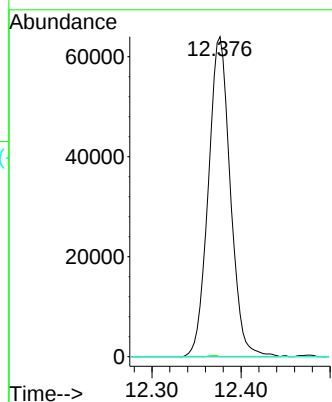
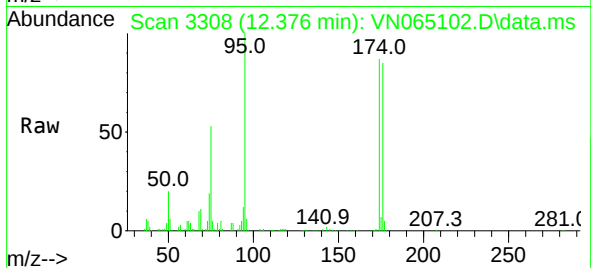




#81
trans-1,4-Dichloro-2-butene
Concen: 146.55 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.102 min
Lab File: VN065102.D
Acq: 14 Dec 2020 15:55

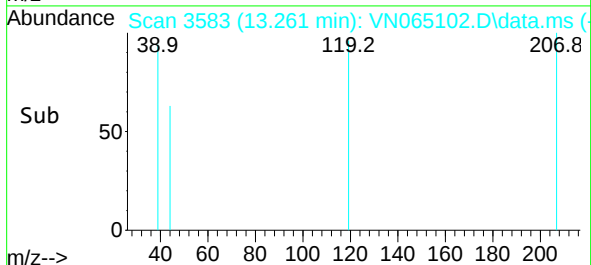
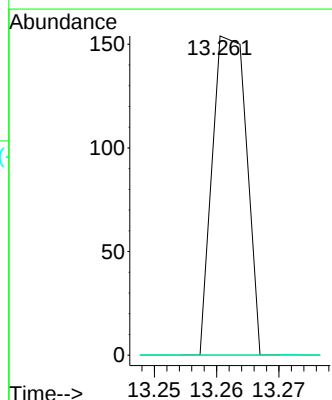
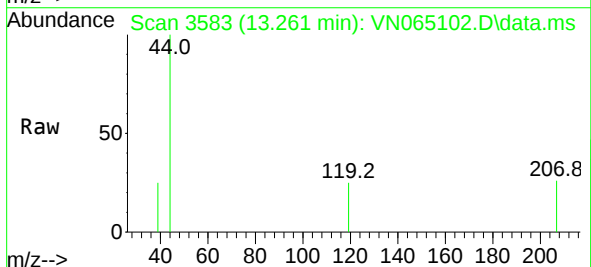
Instrument :
MSVOA_N
ClientSampled :

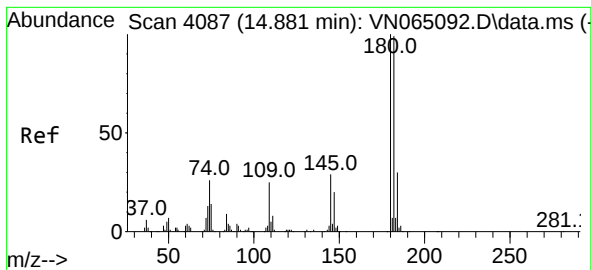
Tgt Ion: 75 Resp: 109600
Ion Ratio Lower Upper
75 100
53 0.1 67.0 100.4#
89 0.0 39.6 59.4#



#86
p-Isopropyltoluene
Concen: 1.07 ug/l
RT: 13.261 min Scan# 3583
Delta R.T. -0.003 min
Lab File: VN065102.D
Acq: 14 Dec 2020 15:55

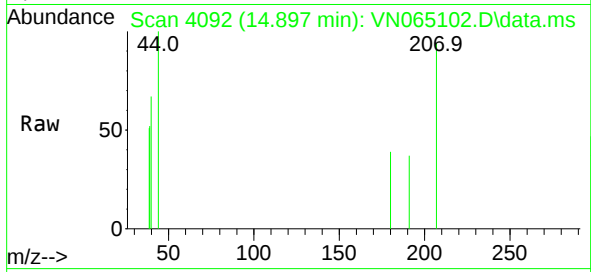
Tgt Ion: 119 Resp: 59
Ion Ratio Lower Upper
119 100
134 0.0 13.1 39.1#
91 0.0 11.5 34.5#





#93
 1,2,4-Trichlorobenzene
 Concen: 3.75 ug/l
 RT: 14.897 min Scan# 4092
 Delta R.T. 0.016 min
 Lab File: VN065102.D
 Acq: 14 Dec 2020 15:55

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180	Resp:	61
Ion	Ratio	Lower Upper
180	100	
182	0.0	47.6 142.9#
145	0.0	15.3 45.8#

