

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121420\
 Data File : VN065111.D
 Acq On : 14 Dec 2020 19:28
 Operator : JC/MD
 Sample : L5040-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Dec 15 05:52:50 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)

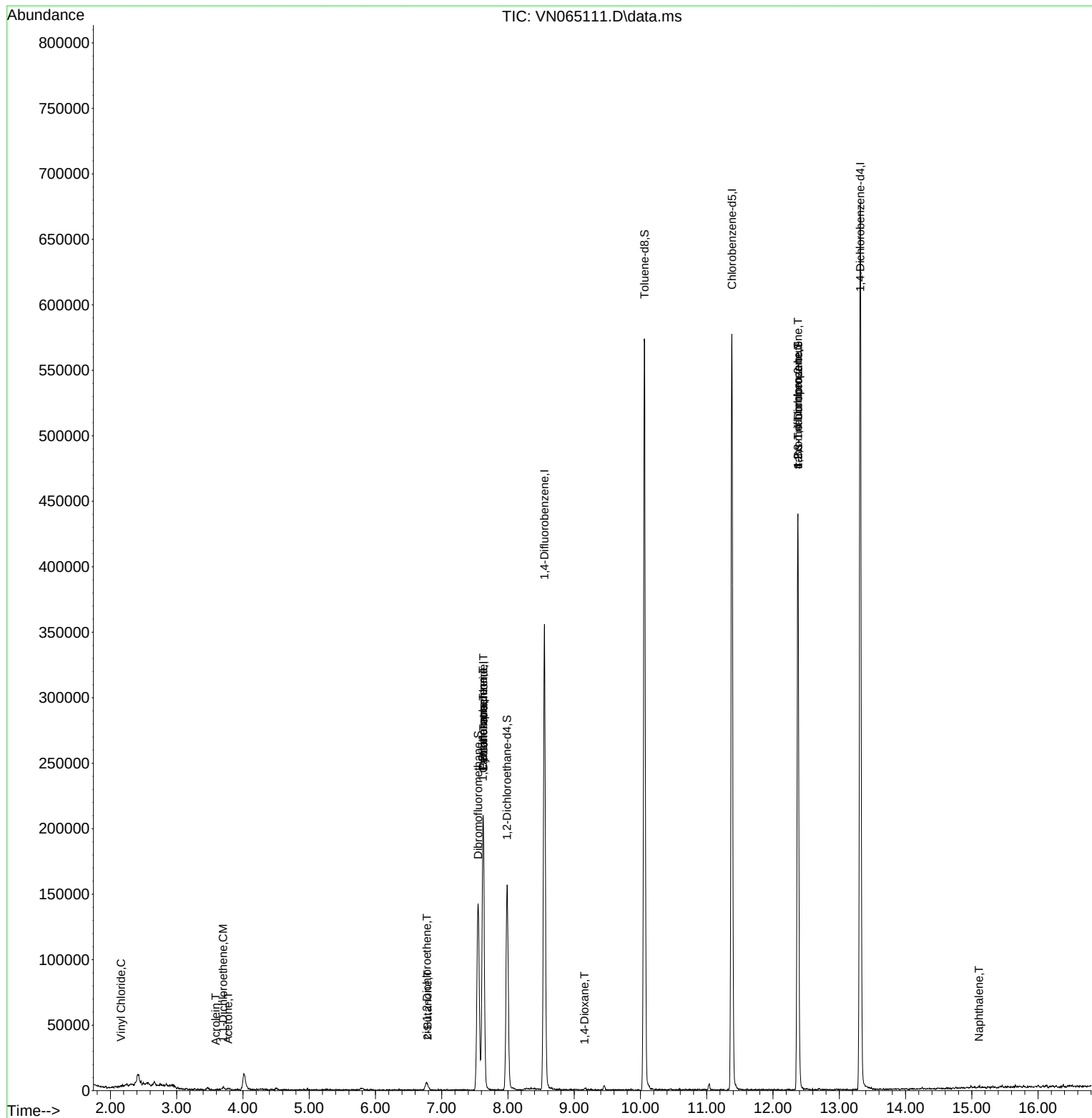
Internal Standards						
1) Pentafluorobenzene	7.624	168	151480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	274401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	292693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	196438	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	140513	80.68	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 161.36%#			
35) Dibromofluoromethane	7.550	113	100680	52.78	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.56%			
50) Toluene-d8	10.061	98	365070	54.13	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.26%			
62) 4-Bromofluorobenzene	12.376	95	134356	57.84	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 115.68%			
Target Compounds						
3) Chloromethane	2.036	50	389	Below Cal	#	38
4) Vinyl Chloride	2.161	62	441	0.31 ug/l	#	42
5) Bromomethane	2.541	94	347	Below Cal	#	55
12) 1,1-Dichloroethene	3.701	96	726	0.52 ug/l	#	46
13) Acrolein	3.589	56	30	0.35 ug/l	#	14
16) Acetone	3.775	43	1302	2.01 ug/l	#	93
20) Methylene Chloride	4.515	84	179	Below Cal	#	53
25) 2-Butanone	6.788	43	168	0.20 ug/l	#	49
27) cis-1,2-Dichloroethene	6.779	96	519	0.31 ug/l	#	13
31) Cyclohexane	7.624	56	4990	2.11 ug/l	#	44
36) 1,1-Dichloropropene	7.621	75	15334	5.85 ug/l	#	49
38) Carbon Tetrachloride	7.627	117	16372	5.42 ug/l	#	17
49) 1,4-Dioxane	9.155	88	794	30.18 ug/l	#	38
76) 1,2,3-Trichloropropane	12.376	75	85495	24.26 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.376	75	85495	67.49 ug/l	#	15
95) Naphthalene	15.109	128	62	4.22 ug/l	#	69

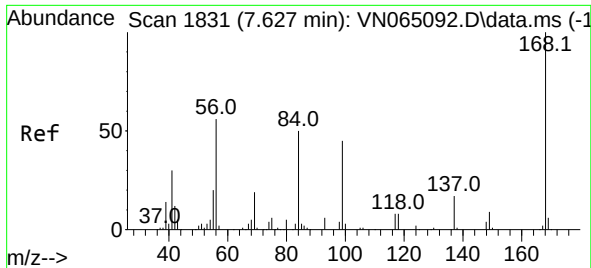
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121420\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121420W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

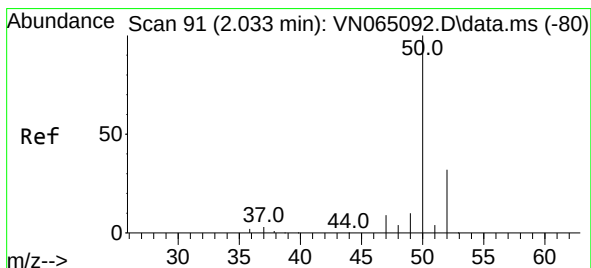
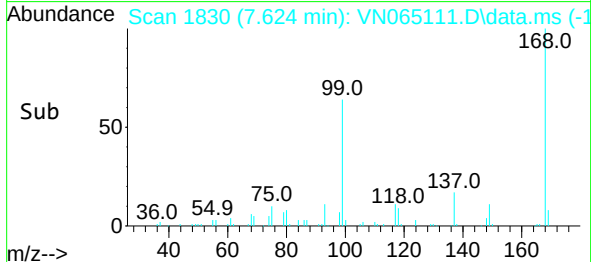
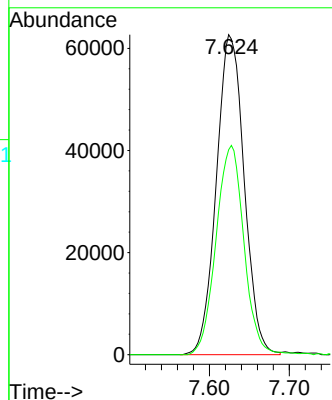
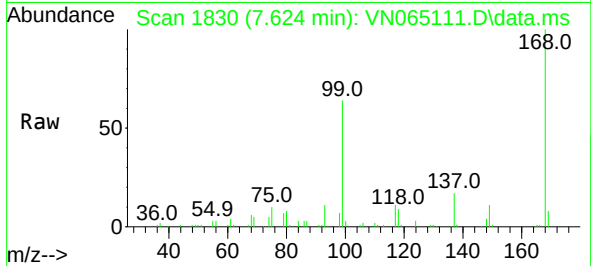




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.003 min
Lab File: VN065111.D
Acq: 14 Dec 2020 19:28

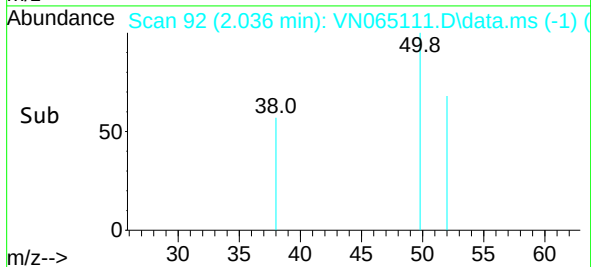
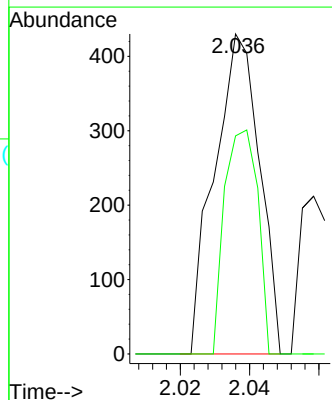
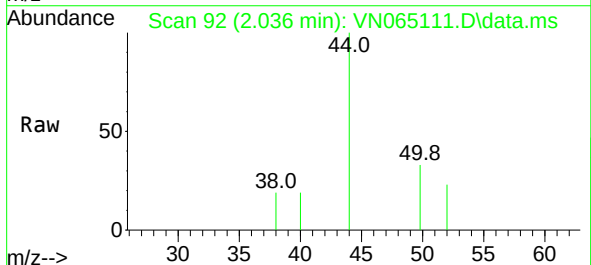
Instrument :
MSVOA_N
ClientSampleId :
MW-4

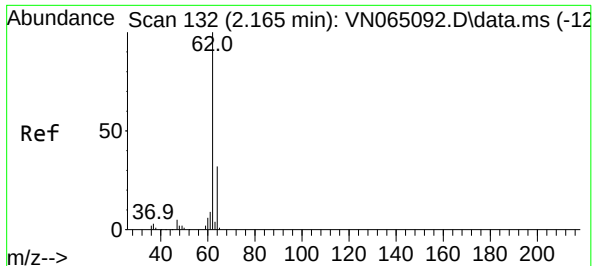
Tgt Ion:168 Resp: 151480
Ion Ratio Lower Upper
168 100
99 64.1 43.0 64.4



#3
Chloromethane
Concen: Below Cal
RT: 2.036 min Scan# 92
Delta R.T. 0.003 min
Lab File: VN065111.D
Acq: 14 Dec 2020 19:28

Tgt Ion: 50 Resp: 389
Ion Ratio Lower Upper
50 100
52 68.1 26.6 39.8#

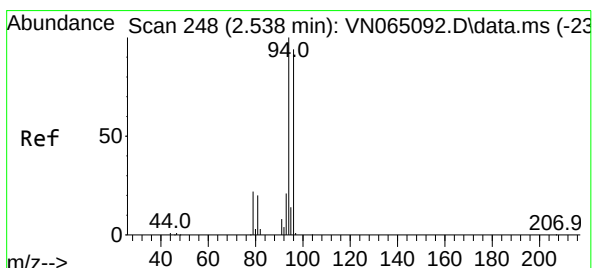
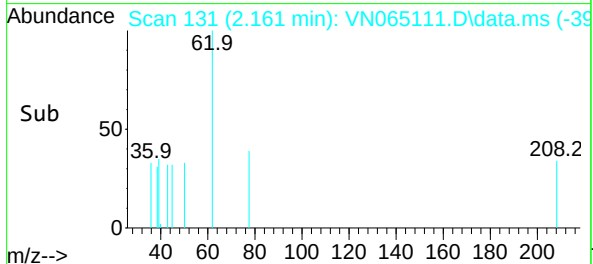
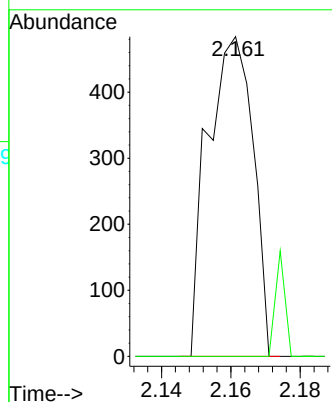
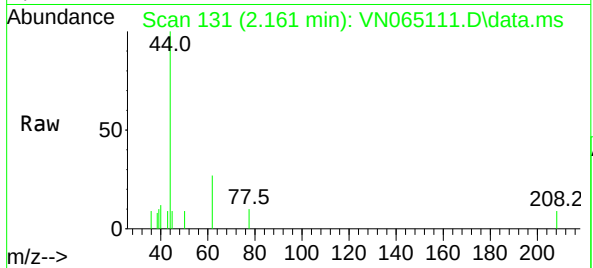




#4
 Vinyl Chloride
 Concen: 0.31 ug/l
 RT: 2.161 min Scan# 131
 Delta R.T. -0.004 min
 Lab File: VN065111.D
 Acq: 14 Dec 2020 19:28

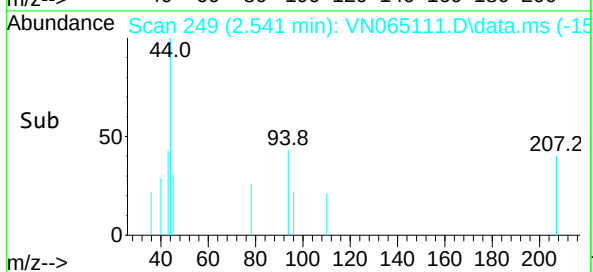
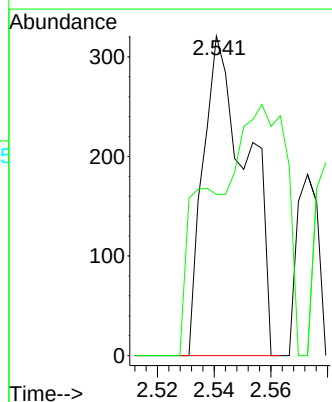
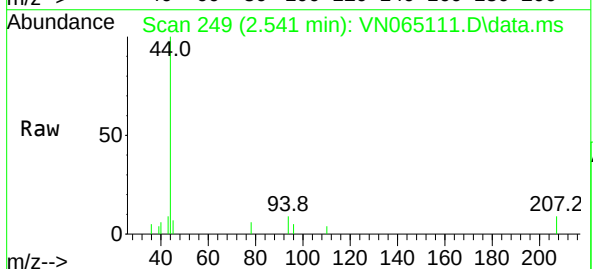
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

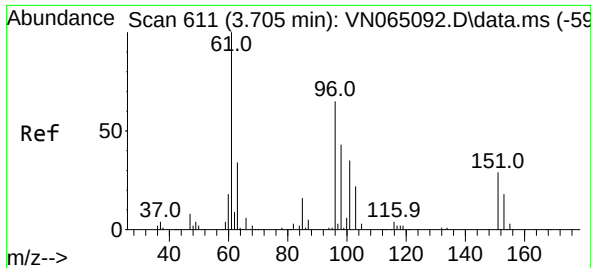
Tgt Ion: 62 Resp: 441
 Ion Ratio Lower Upper
 62 100
 64 0.0 26.5 39.7#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.541 min Scan# 249
 Delta R.T. 0.003 min
 Lab File: VN065111.D
 Acq: 14 Dec 2020 19:28

Tgt Ion: 94 Resp: 347
 Ion Ratio Lower Upper
 94 100
 96 50.5 75.4 113.0#

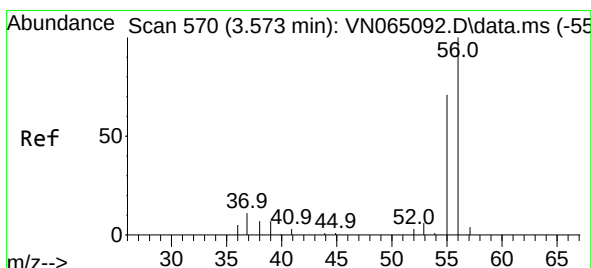
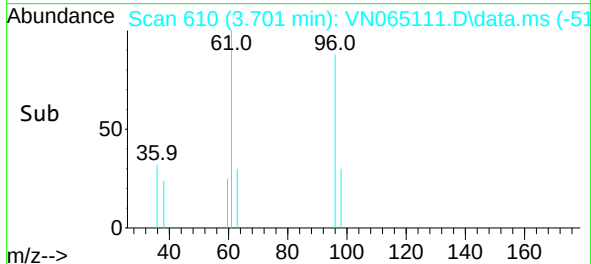
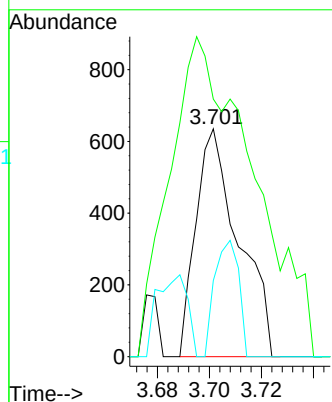
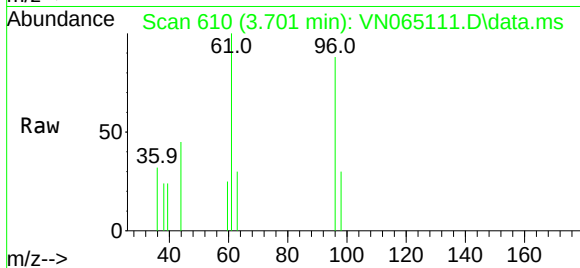




#12
1,1-Dichloroethene
Concen: 0.52 ug/l
RT: 3.701 min Scan# 610
Delta R.T. -0.004 min
Lab File: VN065111.D
Acq: 14 Dec 2020 19:28

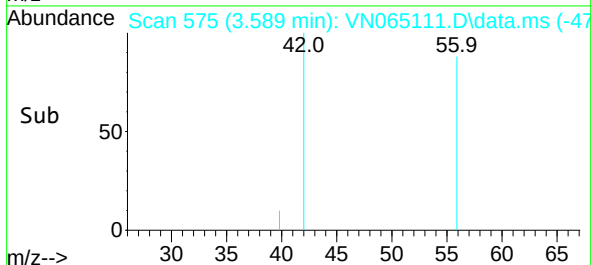
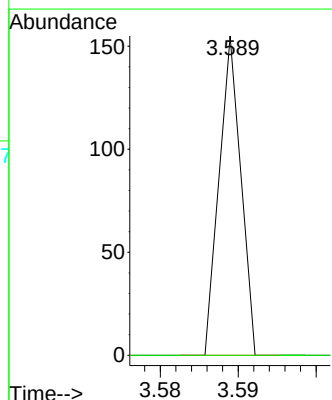
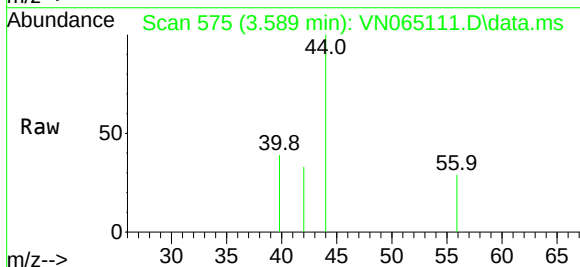
Instrument :
MSVOA_N
ClientSampled :
MW-4

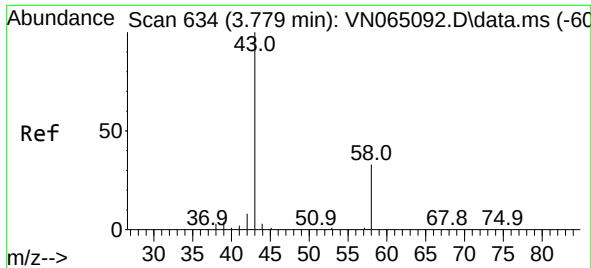
Tgt Ion:	96	Resp:	726
Ion	Ratio	Lower	Upper
96	100		
61	75.4	123.4	185.2#
98	33.4	49.8	74.8#



#13
Acrolein
Concen: 0.35 ug/l
RT: 3.589 min Scan# 575
Delta R.T. 0.016 min
Lab File: VN065111.D
Acq: 14 Dec 2020 19:28

Tgt Ion:	56	Resp:	30
Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.5	84.7#

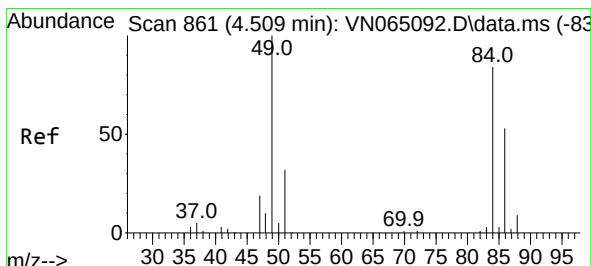
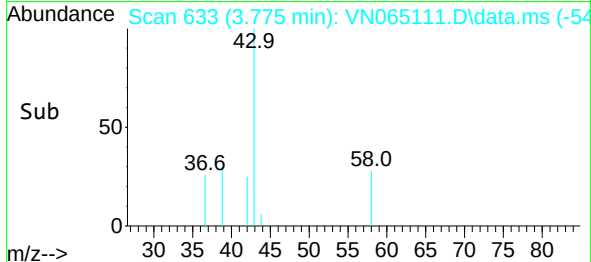
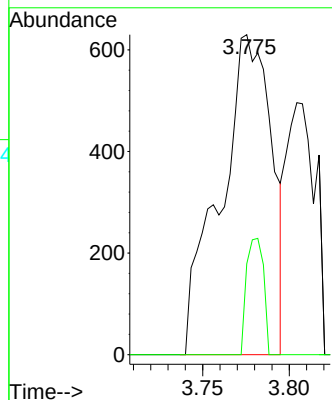
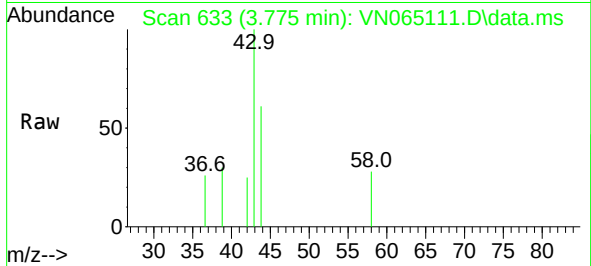




#16
Acetone
Concen: 2.01 ug/l
RT: 3.775 min Scan# 633
Delta R.T. -0.004 min
Lab File: VN065111.D
Acq: 14 Dec 2020 19:28

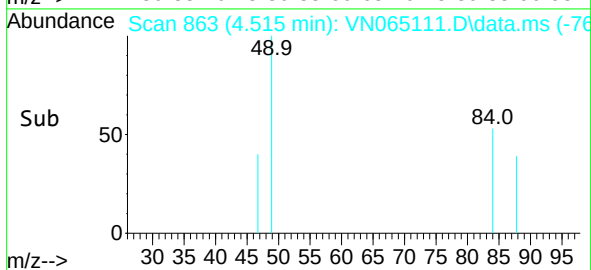
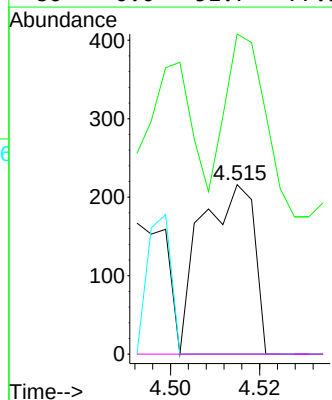
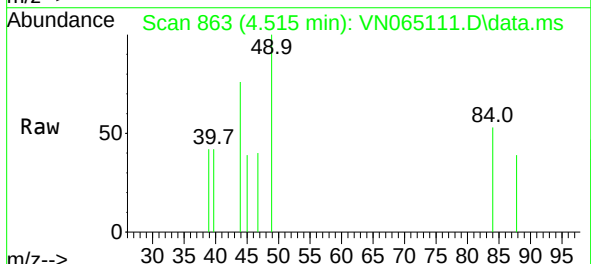
Instrument :
MSVOA_N
ClientSampled :
MW-4

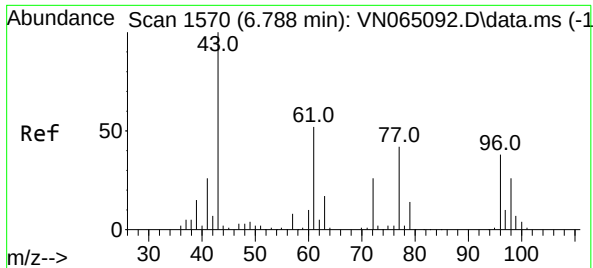
Tgt Ion: 43 Resp: 1302
Ion Ratio Lower Upper
43 100
58 28.4 25.7 38.5



#20
Methylene Chloride
Concen: Below Cal
RT: 4.515 min Scan# 863
Delta R.T. 0.006 min
Lab File: VN065111.D
Acq: 14 Dec 2020 19:28

Tgt Ion: 84 Resp: 179
Ion Ratio Lower Upper
84 100
49 91.2 93.4 140.0#
51 0.0 28.2 42.4#
86 0.0 51.7 77.5#

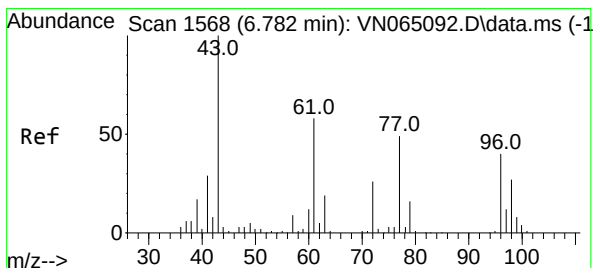
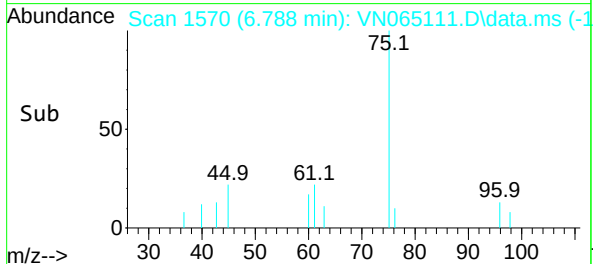
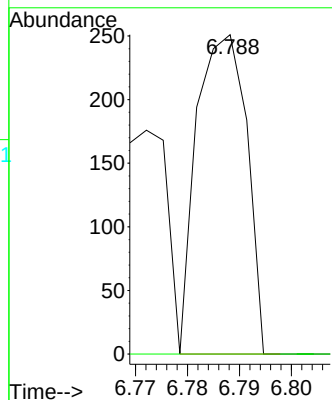
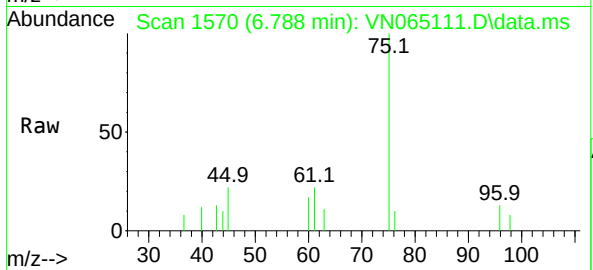




#25
2-Butanone
Concen: 0.20 ug/l
RT: 6.788 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VN065111.D
Acq: 14 Dec 2020 19:28

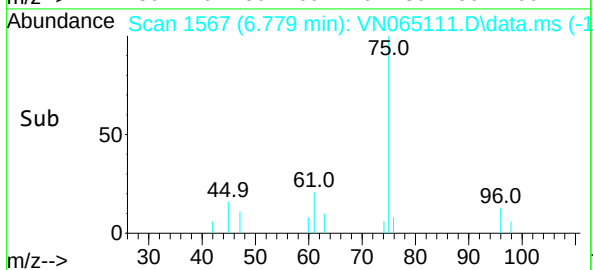
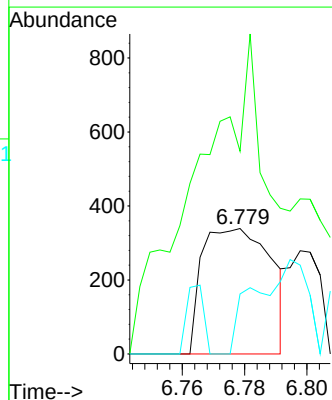
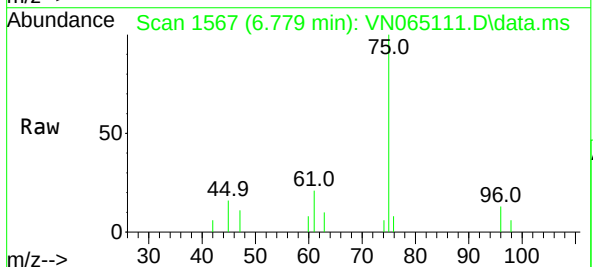
Instrument :
MSVOA_N
ClientSampled :
MW-4

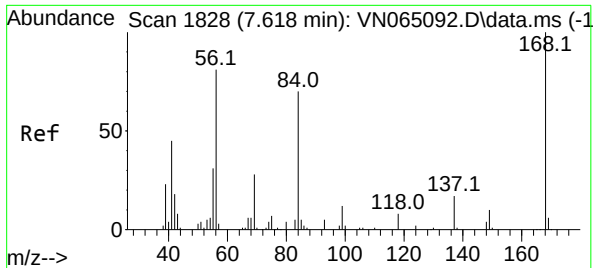
Tgt Ion: 43 Resp: 168
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#



#27
cis-1,2-Dichloroethene
Concen: 0.31 ug/l
RT: 6.779 min Scan# 1567
Delta R.T. -0.003 min
Lab File: VN065111.D
Acq: 14 Dec 2020 19:28

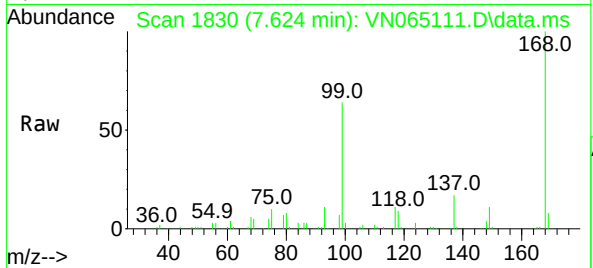
Tgt Ion: 96 Resp: 519
Ion Ratio Lower Upper
96 100
61 270.7 0.0 285.8
98 24.7 0.0 130.6



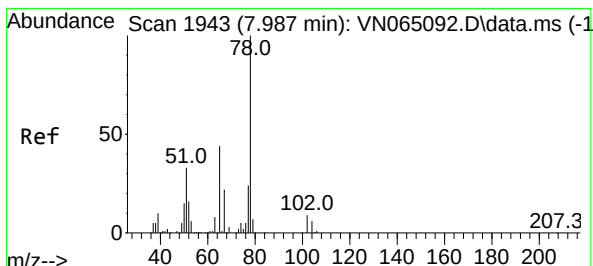
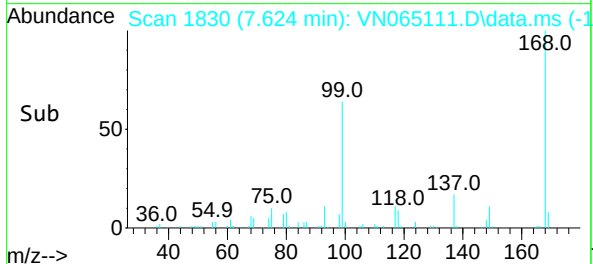
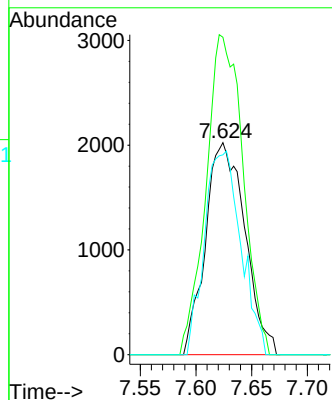


#31
Cyclohexane
Concen: 2.11 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN065111.D
Acq: 14 Dec 2020 19:28

Instrument :
MSVOA_N
ClientSampled :
MW-4

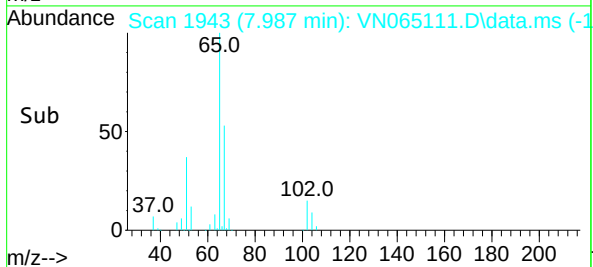
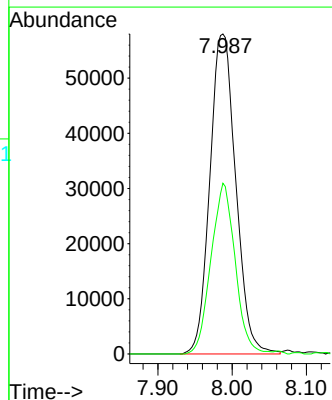
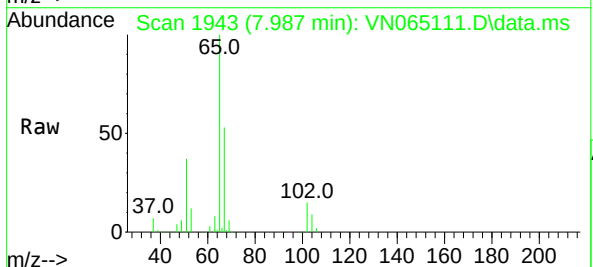


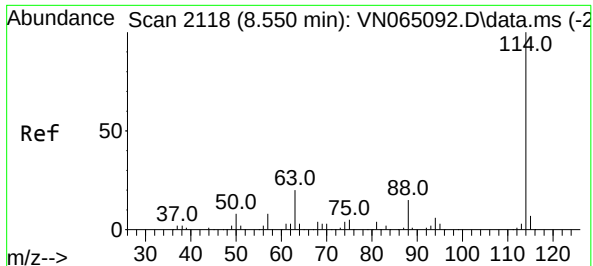
Tgt Ion: 56 Resp: 4990
Ion Ratio Lower Upper
56 100
69 149.7 27.5 41.3#
84 94.3 73.9 110.9



#33
1,2-Dichloroethane-d4
Concen: 80.68 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065111.D
Acq: 14 Dec 2020 19:28

Tgt Ion: 65 Resp: 140513
Ion Ratio Lower Upper
65 100
67 49.8 0.0 108.2

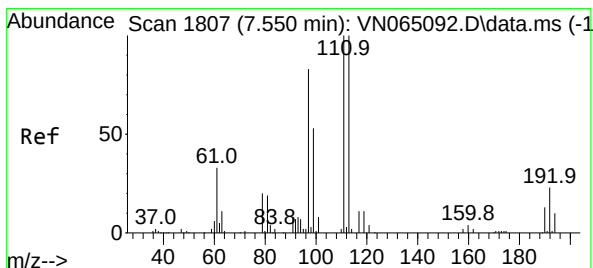
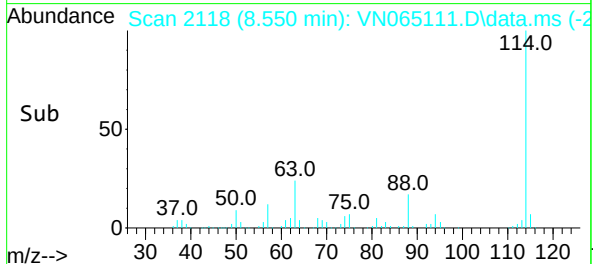
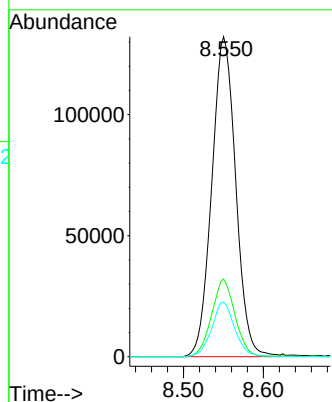
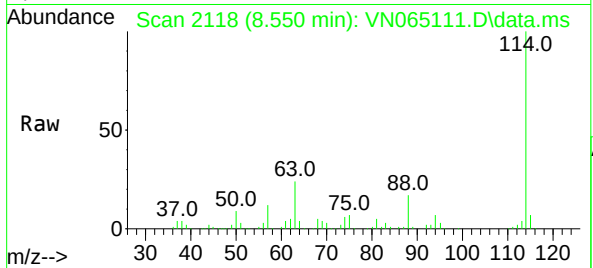




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065111.D
Acq: 14 Dec 2020 19:28

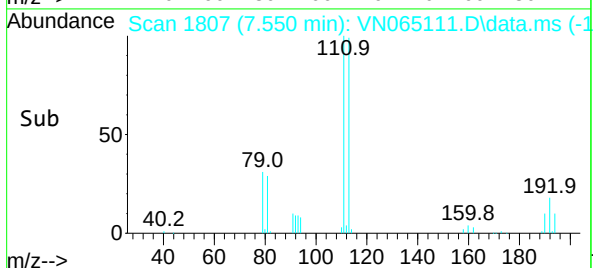
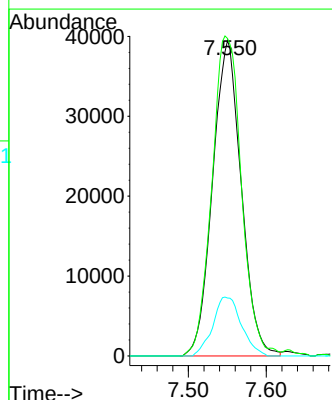
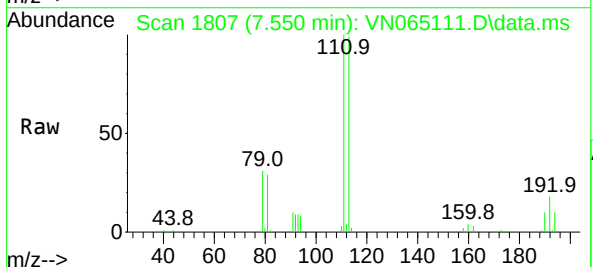
Instrument :
MSVOA_N
ClientSampled :
MW-4

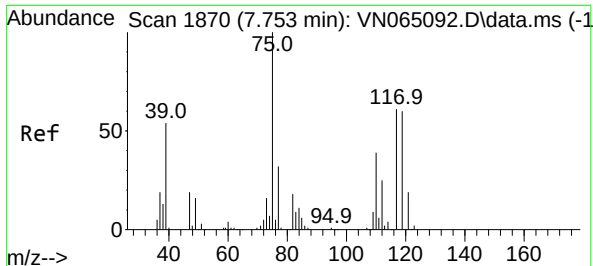
Tgt Ion:114	Resp:	274401
Ion	Ratio	Lower Upper
114	100	
63	24.3	0.0 38.6
88	17.1	0.0 32.6



#35
Dibromofluoromethane
Concen: 52.78 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065111.D
Acq: 14 Dec 2020 19:28

Tgt Ion:113	Resp:	100680
Ion	Ratio	Lower Upper
113	100	
111	104.8	81.6 122.4
192	18.7	16.2 24.2

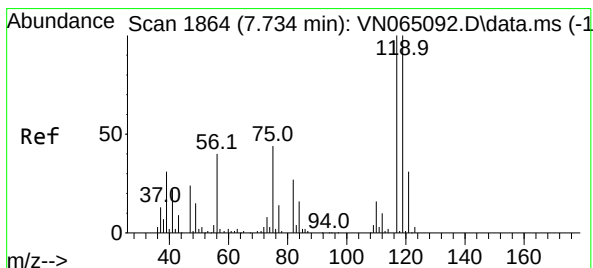
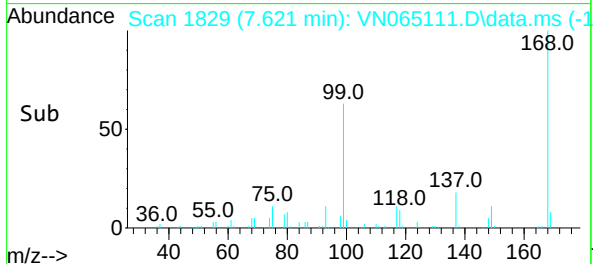
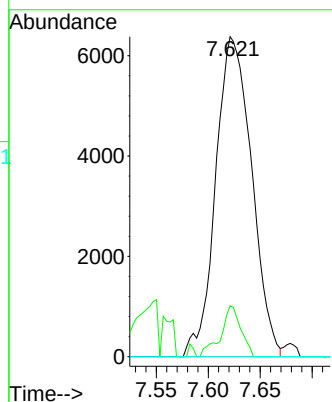
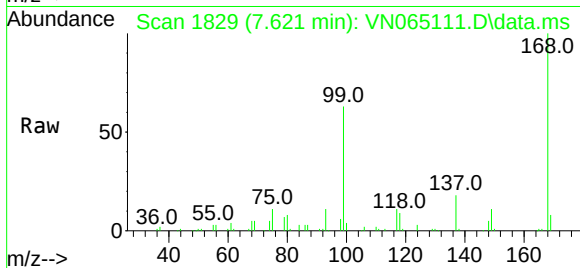




#36
1,1-Dichloropropene
Concen: 5.85 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.132 min
Lab File: VN065111.D
Acq: 14 Dec 2020 19:28

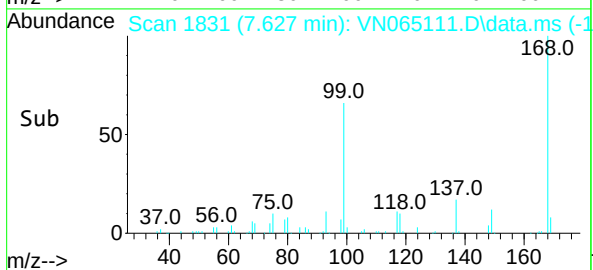
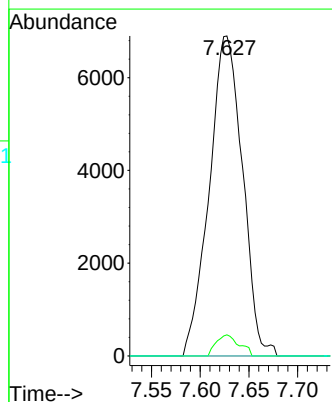
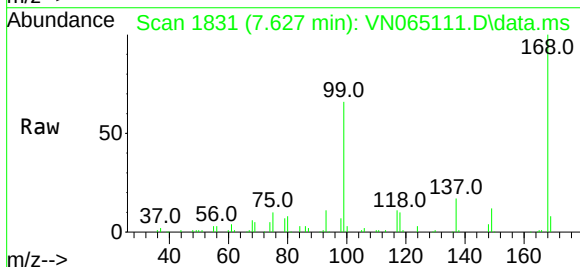
Instrument :
MSVOA_N
ClientSampled :
MW-4

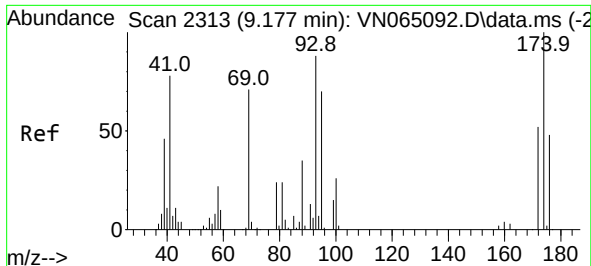
Tgt Ion: 75 Resp: 15334
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.42 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN065111.D
Acq: 14 Dec 2020 19:28

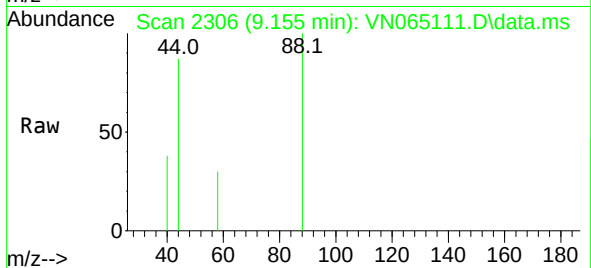
Tgt Ion: 117 Resp: 16372
Ion Ratio Lower Upper
117 100
119 6.6 76.7 115.1#
121 0.0 25.4 38.2#



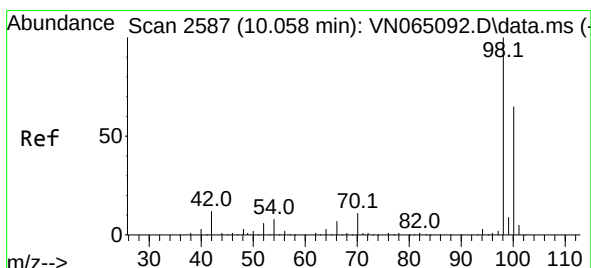
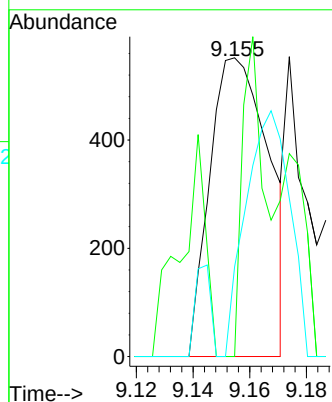
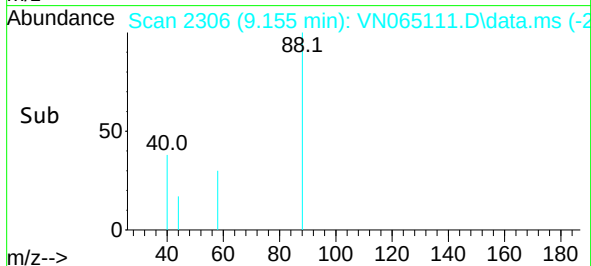


#49
1,4-Dioxane
Concen: 30.18 ug/l
RT: 9.155 min Scan# 2306
Delta R.T. -0.022 min
Lab File: VN065111.D
Acq: 14 Dec 2020 19:28

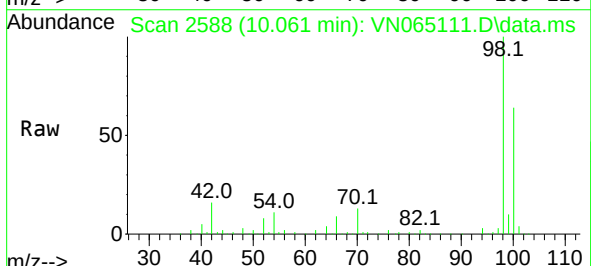
Instrument :
MSVOA_N
ClientSampled :
MW-4



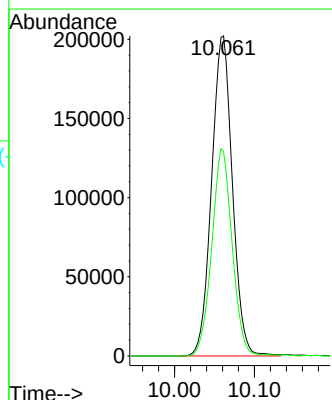
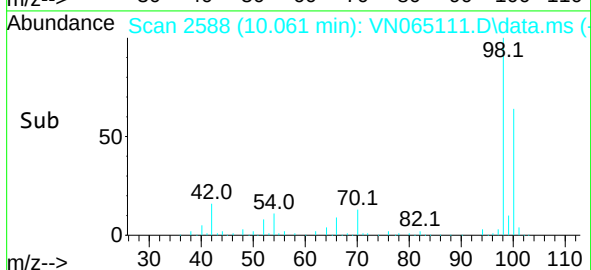
Tgt Ion: 88 Resp: 794
Ion Ratio Lower Upper
88 100
43 39.3 24.2 36.4#
58 0.0 52.5 78.7#

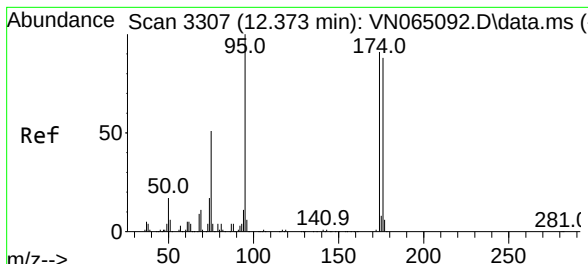


#50
Toluene-d8
Concen: 54.13 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065111.D
Acq: 14 Dec 2020 19:28



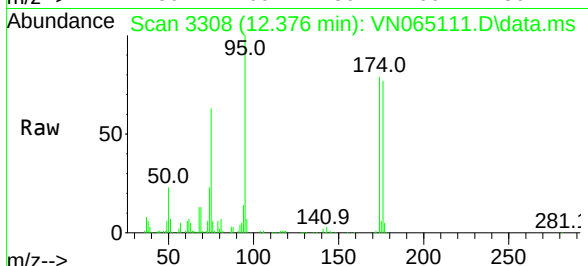
Tgt Ion: 98 Resp: 365070
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5



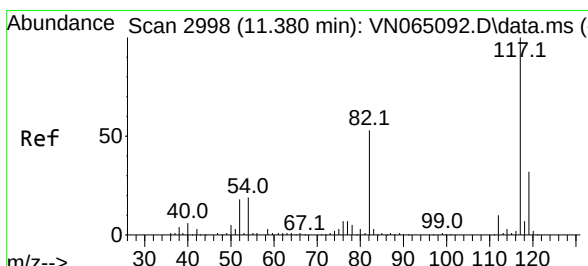
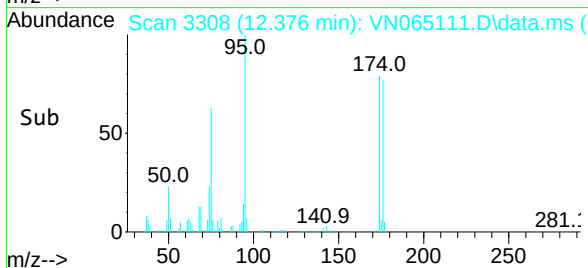
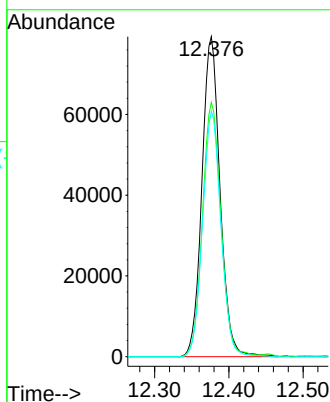


#62
4-Bromofluorobenzene
Concen: 57.84 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.003 min
Lab File: VN065111.D
Acq: 14 Dec 2020 19:28

Instrument :
MSVOA_N
ClientSampled :
MW-4

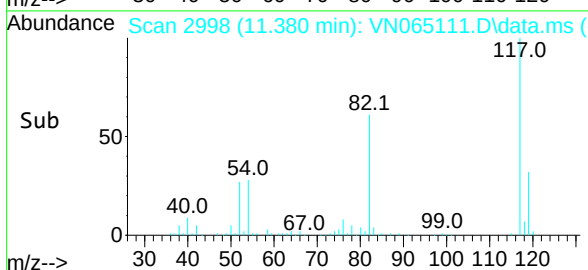
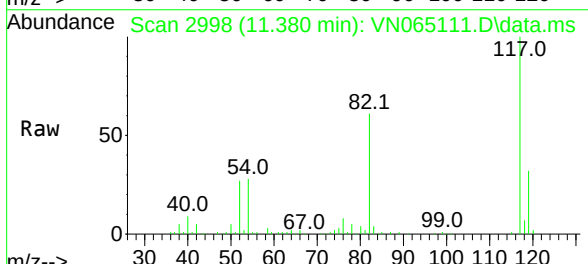
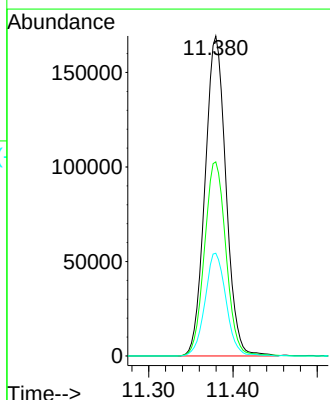


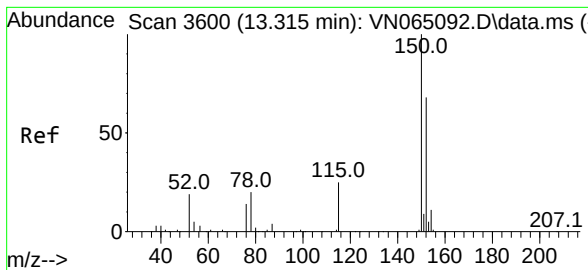
Tgt Ion:	95	Resp:	134356
Ion Ratio	Lower	Upper	
95	100		
174	81.5	0.0	160.4
176	77.6	0.0	158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065111.D
Acq: 14 Dec 2020 19:28

Tgt Ion:	117	Resp:	292693
Ion Ratio	Lower	Upper	
117	100		
82	60.7	44.2	66.2
119	32.1	25.8	38.6

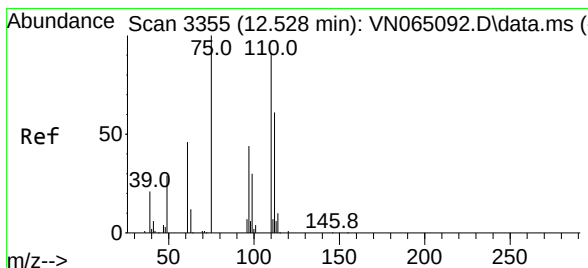
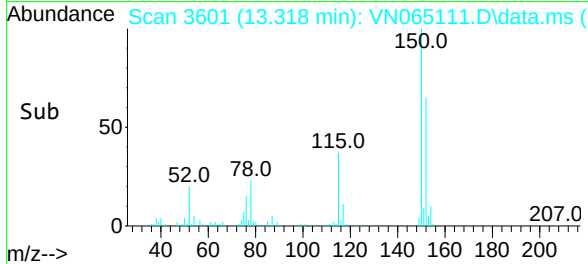
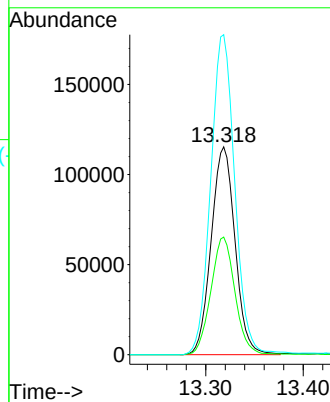
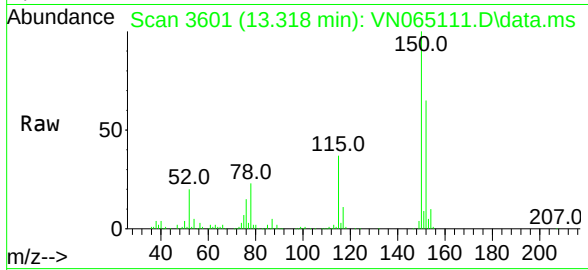




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.318 min Scan# 3601
 Delta R.T. 0.003 min
 Lab File: VN065111.D
 Acq: 14 Dec 2020 19:28

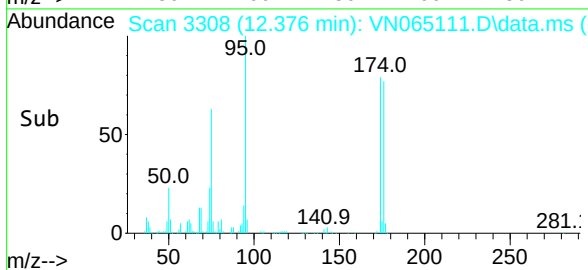
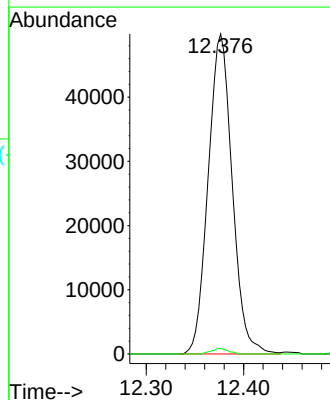
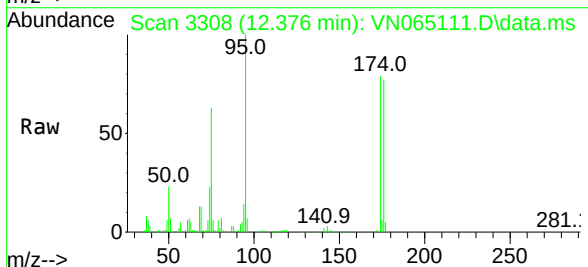
Instrument :
 MSVOA_N
 ClientSampled :
 MW-4

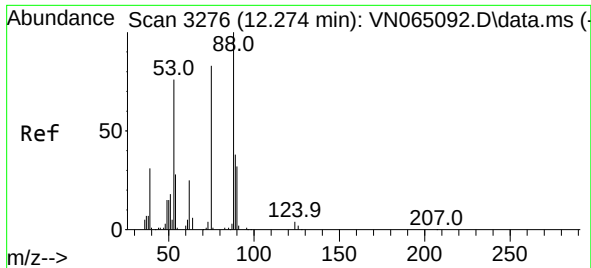
Tgt Ion:152 Resp: 196438
 Ion Ratio Lower Upper
 152 100
 115 57.1 29.7 89.1
 150 155.5 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 24.26 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. -0.152 min
 Lab File: VN065111.D
 Acq: 14 Dec 2020 19:28

Tgt Ion: 75 Resp: 85495
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

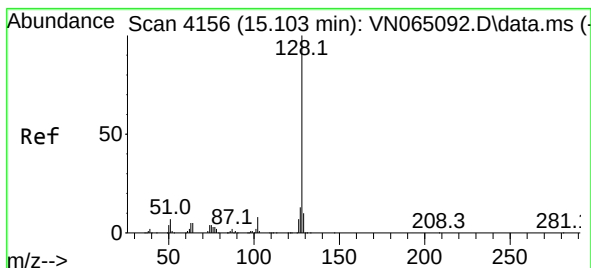
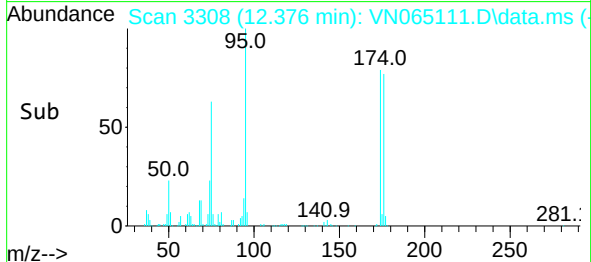
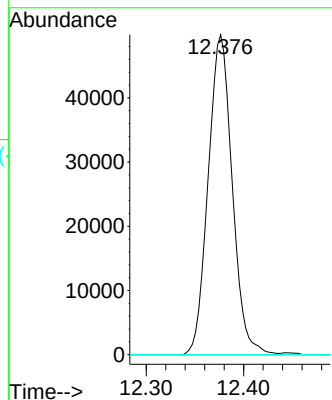
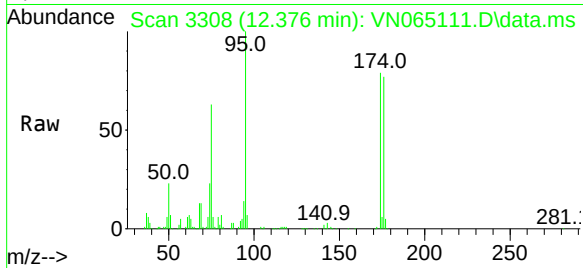




#81
trans-1,4-Dichloro-2-butene
Concen: 67.49 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.102 min
Lab File: VN065111.D
Acq: 14 Dec 2020 19:28

Instrument :
MSVOA_N
ClientSampleId :
MW-4

Tgt Ion: 75 Resp: 85495
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#



#95
Naphthalene
Concen: 4.22 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.006 min
Lab File: VN065111.D
Acq: 14 Dec 2020 19:28

Tgt Ion: 128 Resp: 62
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#

