

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012921\
 Data File : VN065669.D
 Acq On : 29 Jan 2021 10:57
 Operator : JC/MD
 Sample : VN0129MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129MBL01

Quant Time: Jan 30 01:00:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

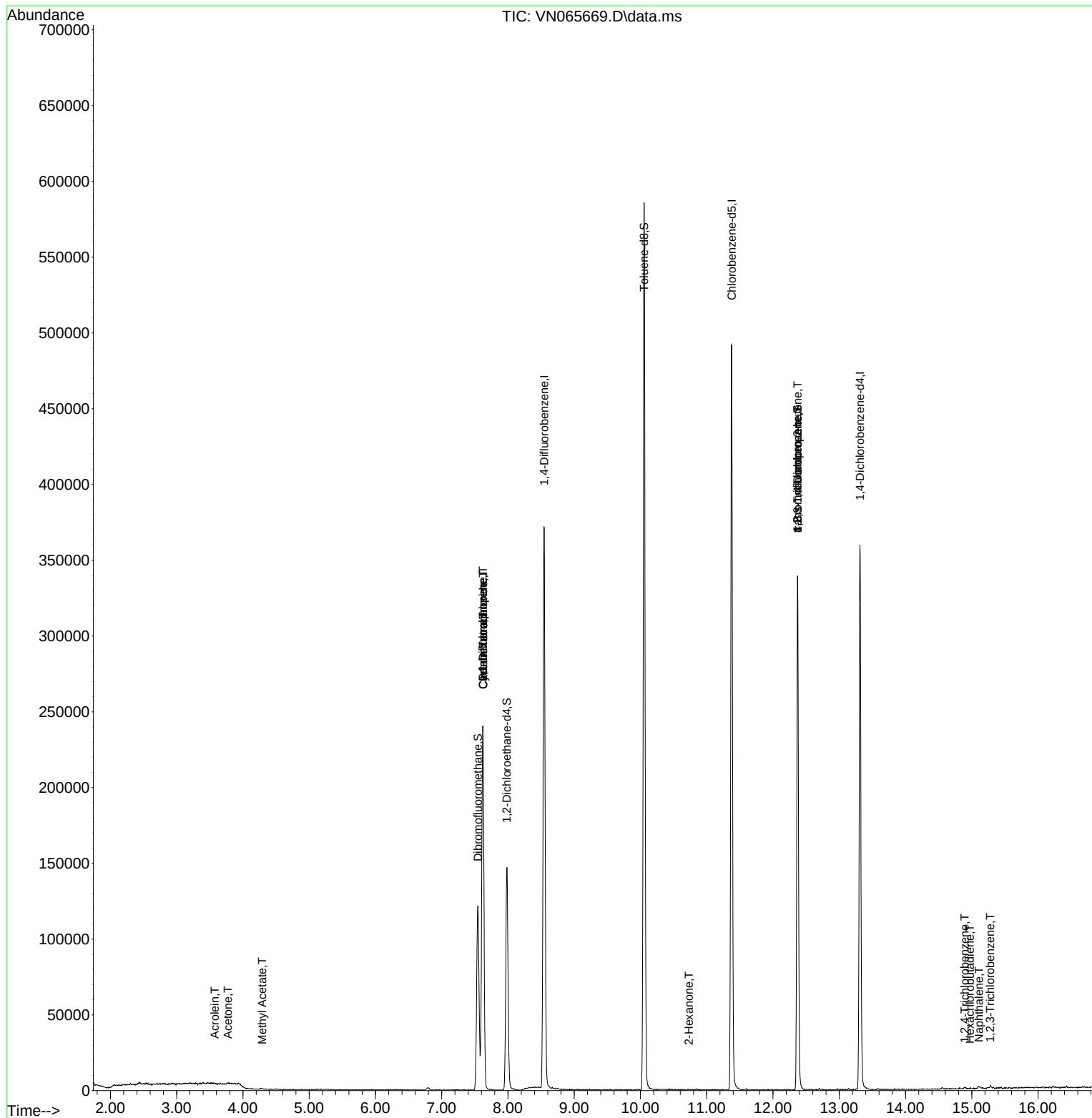
Internal Standards						
1) Pentafluorobenzene	7.621	168	199652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	344061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	299257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	105691	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	123153	46.89	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.78%		
35) Dibromofluoromethane	7.547	113	99822	48.96	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.92%		
50) Toluene-d8	10.055	98	427454	53.34	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.68%		
62) 4-Bromofluorobenzene	12.370	95	138517	48.00	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.00%		
Target Compounds						Qvalue
13) Acrolein	3.573	56	203	18.53	ug/l #	76
16) Acetone	3.772	43	437	0.43	ug/l #	41
18) Methyl Acetate	4.290	43	1522	0.53	ug/l #	51
31) Cyclohexane	7.624	56	3890	0.79	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	16186	4.67	ug/l #	47
38) Carbon Tetrachloride	7.624	117	18846	6.61	ug/l #	16
59) 2-Hexanone	10.730	43	590	0.26	ug/l #	23
76) 1,2,3-Trichloropropane	12.370	75	63856	23.11	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.370	75	63856	59.18	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.894	180	457	3.56	ug/l #	65
94) Hexachlorobutadiene	14.974	225	60	0.29	ug/l #	18
95) Naphthalene	15.109	128	2760	3.83	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.280	180	818	3.21	ug/l #	85

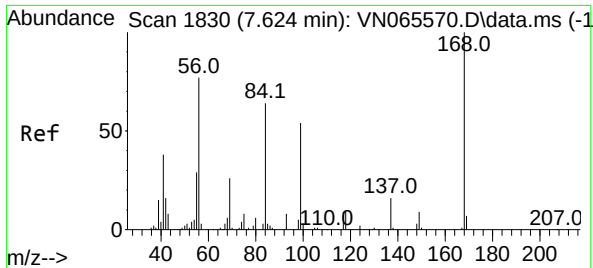
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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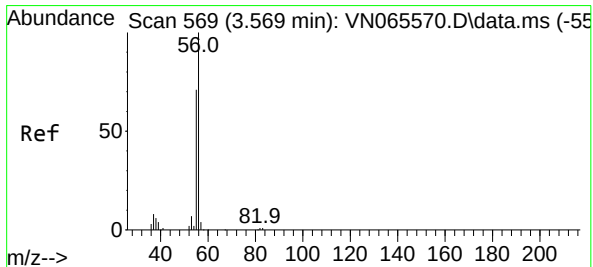
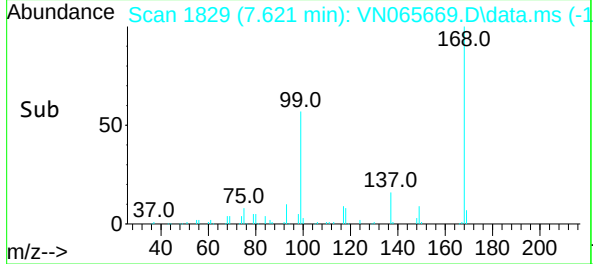
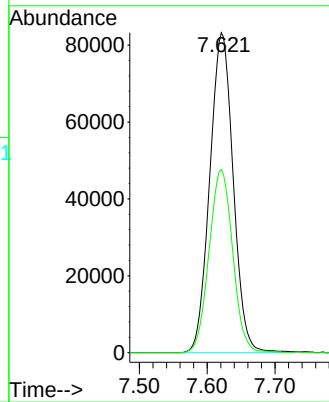
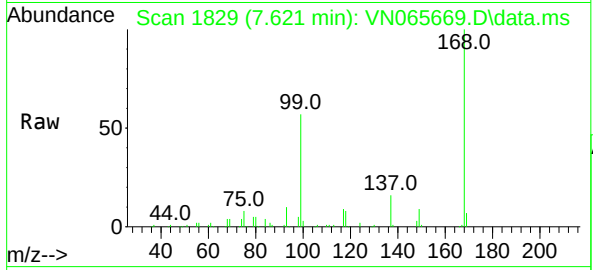




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.003 min
Lab File: VN065669.D
Acq: 29 Jan 2021 10:57

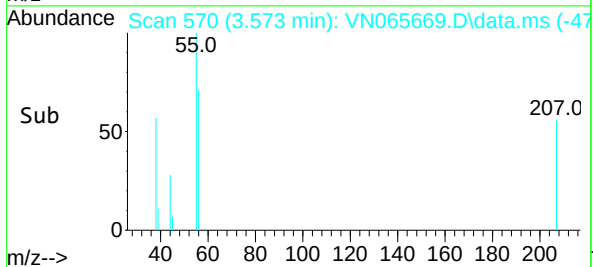
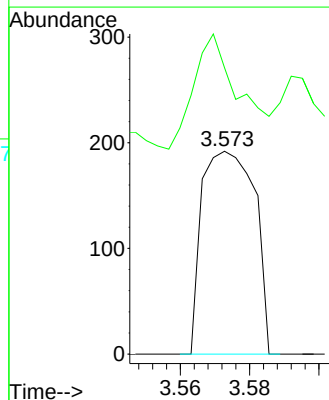
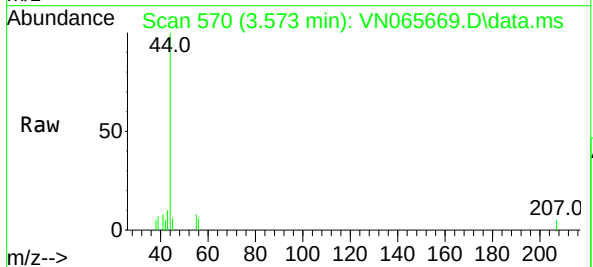
Instrument :
MSVOA_N
ClientSampleId :
VN0129MBL01

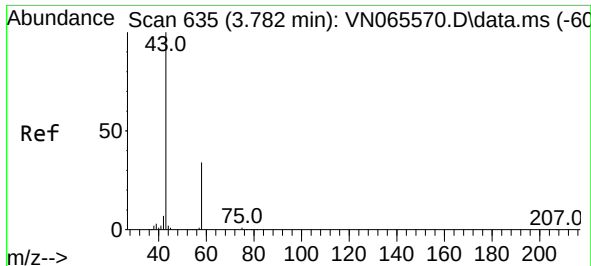
Tgt Ion:168 Resp: 199652
Ion Ratio Lower Upper
168 100
99 57.2 42.6 63.8



#13
Acrolein
Concen: 18.53 ug/l
RT: 3.573 min Scan# 570
Delta R.T. 0.004 min
Lab File: VN065669.D
Acq: 29 Jan 2021 10:57

Tgt Ion: 56 Resp: 203
Ion Ratio Lower Upper
56 100
55 50.2 56.0 84.0#

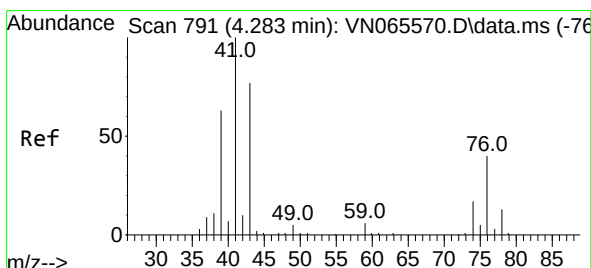
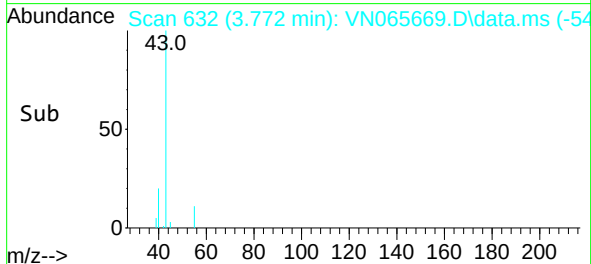
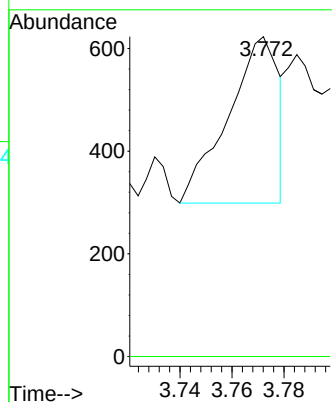
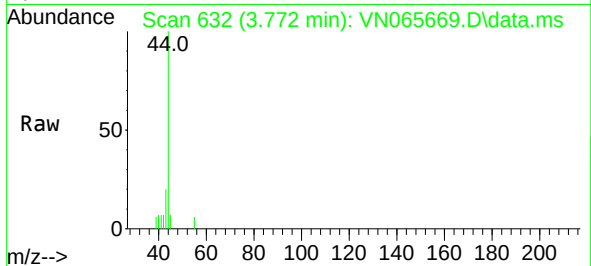




#16
Acetone
Concen: 0.43 ug/l
RT: 3.772 min Scan# 632
Delta R.T. -0.010 min
Lab File: VN065669.D
Acq: 29 Jan 2021 10:57

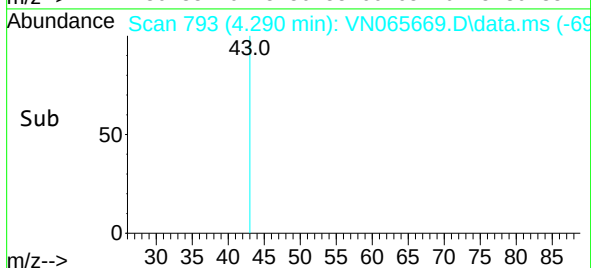
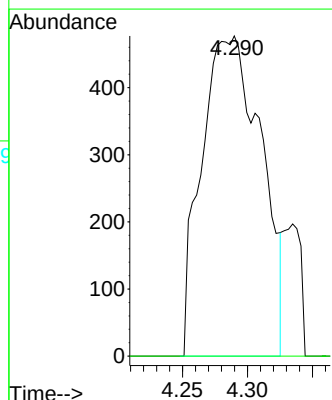
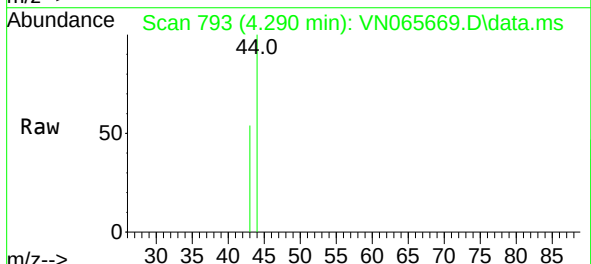
Instrument :
MSVOA_N
ClientSampleId :
VN0129MBL01

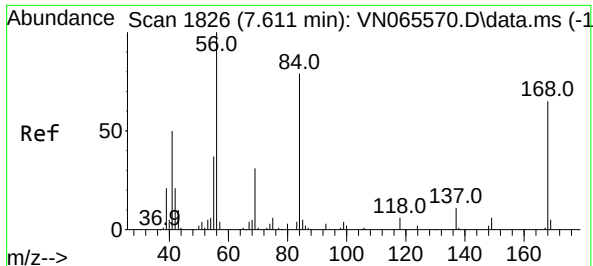
Tgt Ion: 43 Resp: 437
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#



#18
Methyl Acetate
Concen: 0.53 ug/l
RT: 4.290 min Scan# 793
Delta R.T. 0.007 min
Lab File: VN065669.D
Acq: 29 Jan 2021 10:57

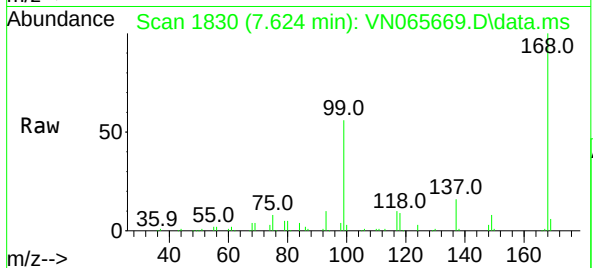
Tgt Ion: 43 Resp: 1522
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



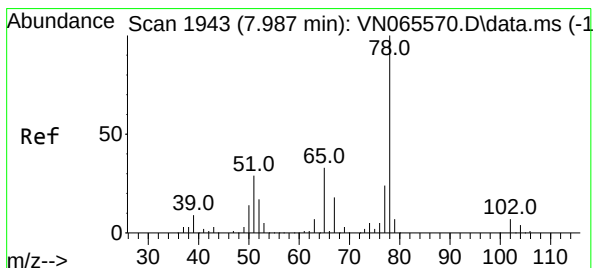
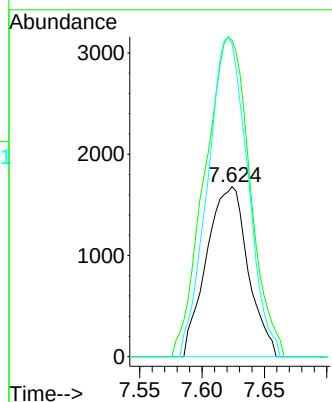
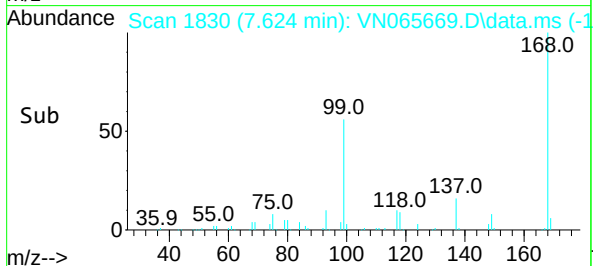


#31
Cyclohexane
Concen: 0.79 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065669.D
Acq: 29 Jan 2021 10:57

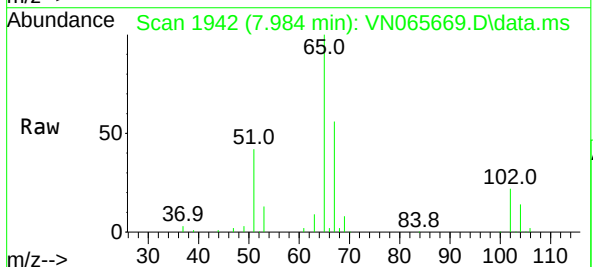
Instrument :
MSVOA_N
ClientSampleId :
VN0129MBL01



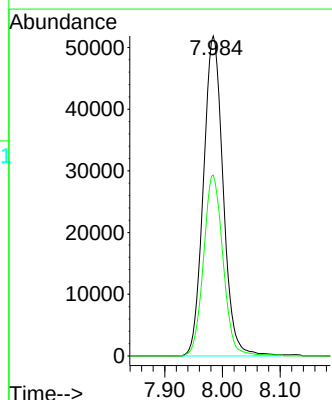
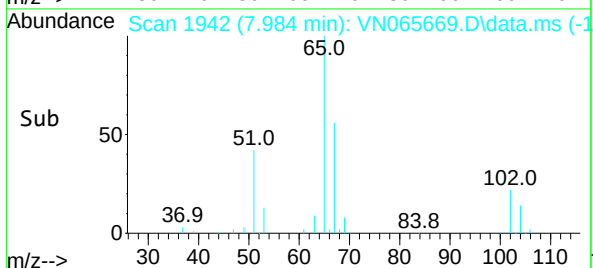
Tgt Ion: 56 Resp: 3890
Ion Ratio Lower Upper
56 100
69 176.3 26.6 39.8#
84 183.9 70.4 105.6#

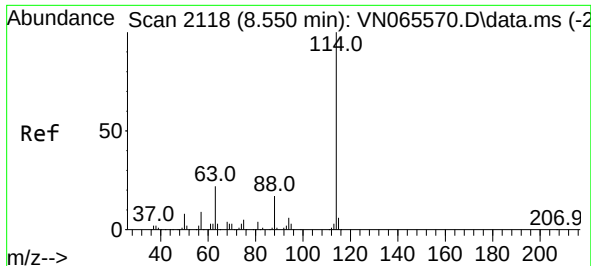


#33
1,2-Dichloroethane-d4
Concen: 46.89 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065669.D
Acq: 29 Jan 2021 10:57



Tgt Ion: 65 Resp: 123153
Ion Ratio Lower Upper
65 100
67 55.8 0.0 107.2

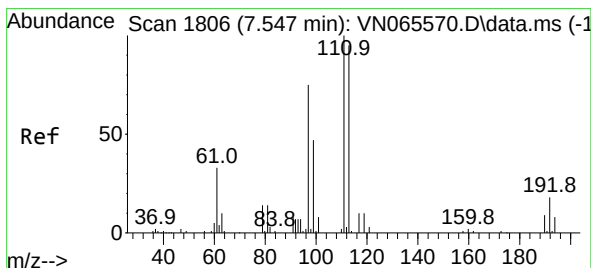
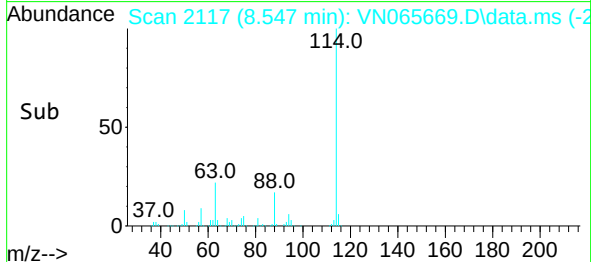
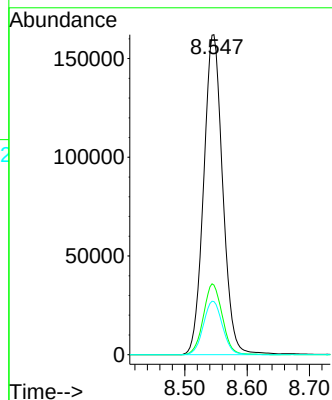
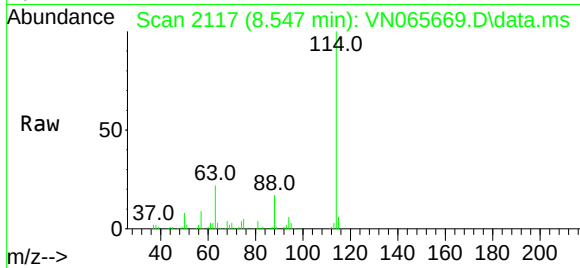




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065669.D
Acq: 29 Jan 2021 10:57

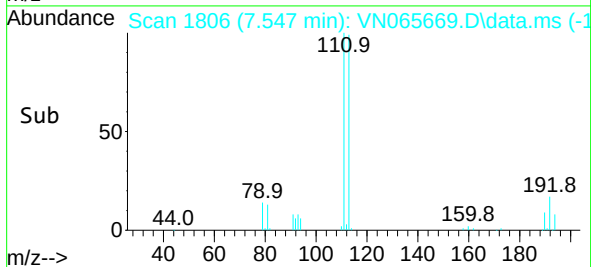
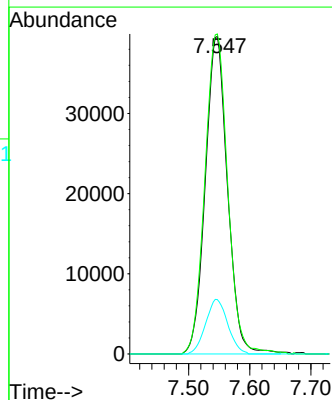
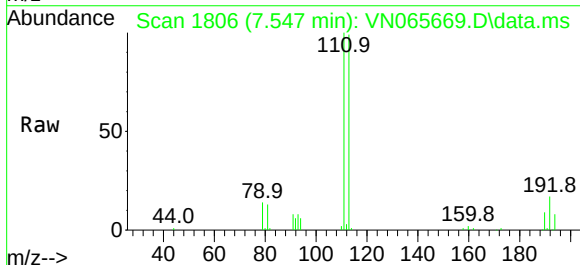
Instrument :
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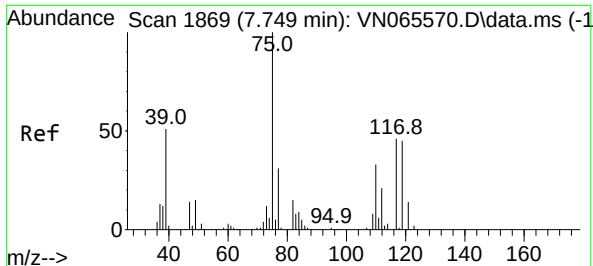
Tgt Ion:114	Resp:	344061
Ion	Ratio	Lower Upper
114	100	
63	21.8	0.0 38.6
88	16.6	0.0 30.6



#35
Dibromofluoromethane
Concen: 48.96 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065669.D
Acq: 29 Jan 2021 10:57

Tgt Ion:113	Resp:	99822
Ion	Ratio	Lower Upper
113	100	
111	103.8	82.2 123.2
192	17.1	15.4 23.0



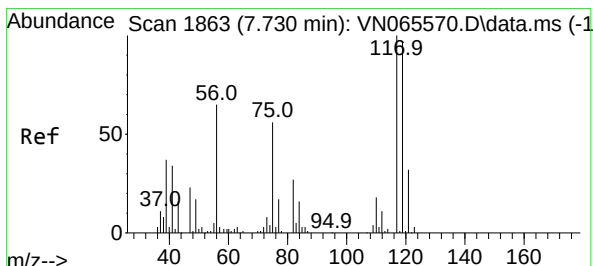
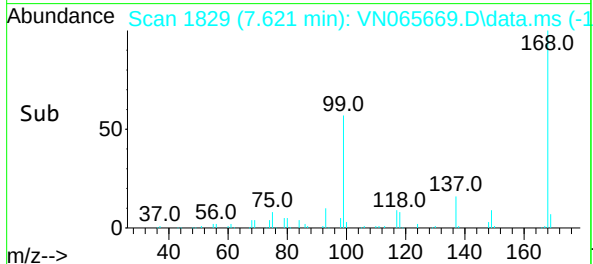
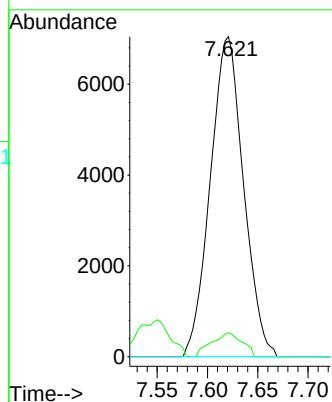
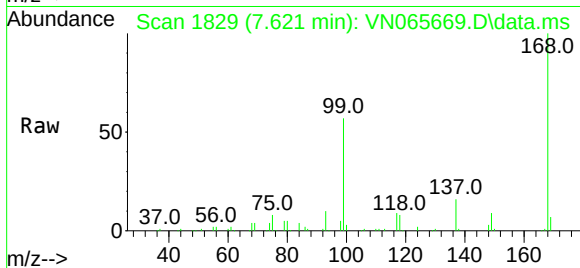


#36

1,1-Dichloropropene
Concen: 4.67 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.128 min
Lab File: VN065669.D
Acq: 29 Jan 2021 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0129MBL01

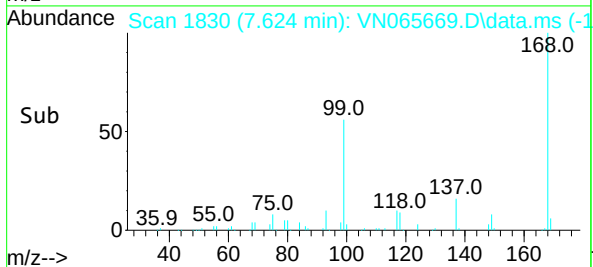
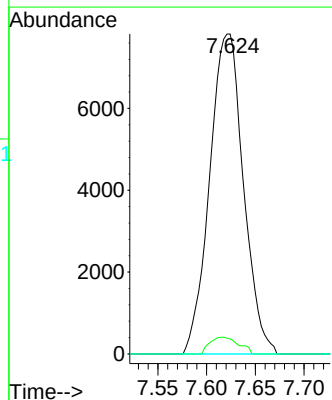
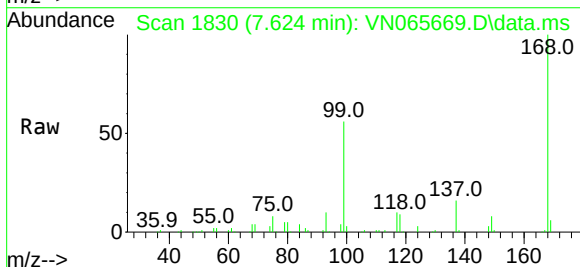
Tgt Ion: 75 Resp: 16186
Ion Ratio Lower Upper
75 100
110 6.9 18.2 54.6#
77 0.0 24.9 37.3#

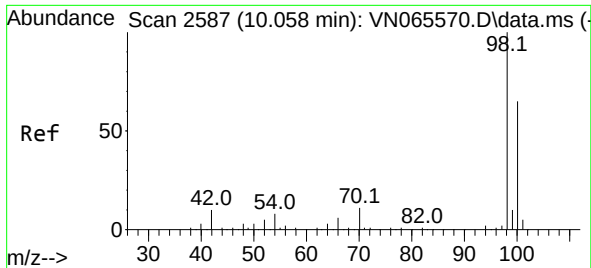


#38

Carbon Tetrachloride
Concen: 6.61 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065669.D
Acq: 29 Jan 2021 10:57

Tgt Ion: 117 Resp: 18846
Ion Ratio Lower Upper
117 100
119 4.7 76.0 114.0#
121 0.0 24.5 36.7#

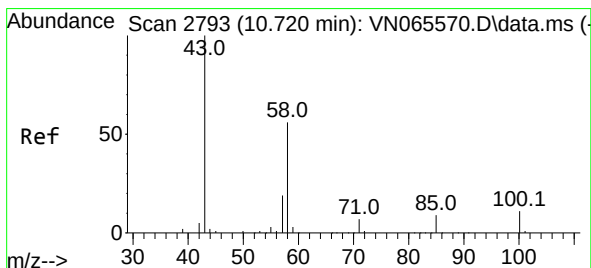
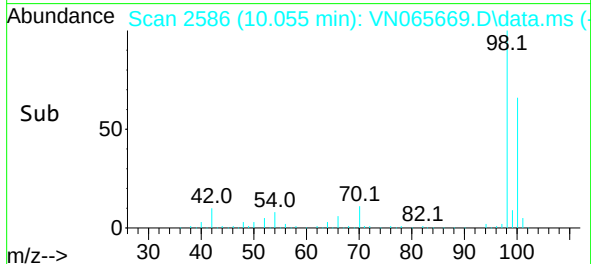
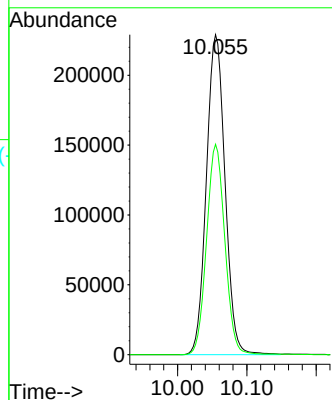
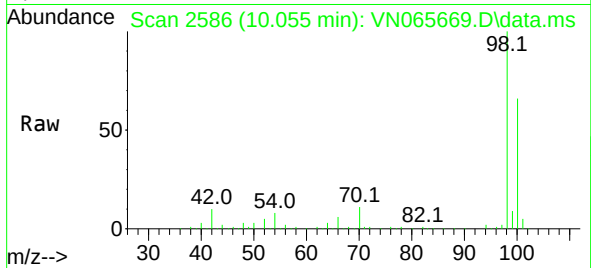




#50
Toluene-d8
Concen: 53.34 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065669.D
Acq: 29 Jan 2021 10:57

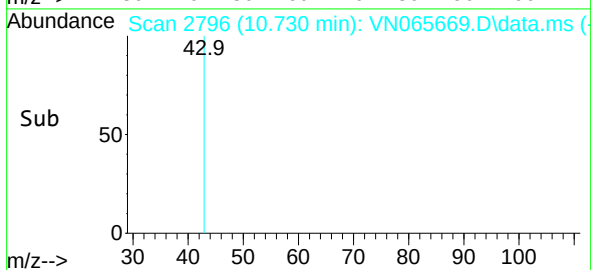
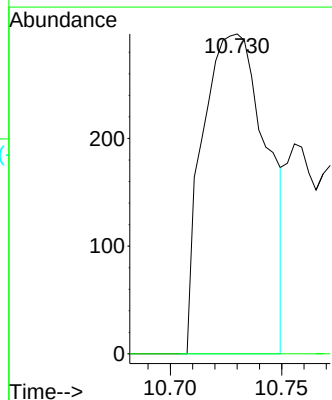
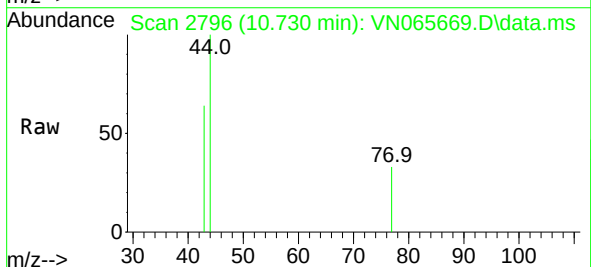
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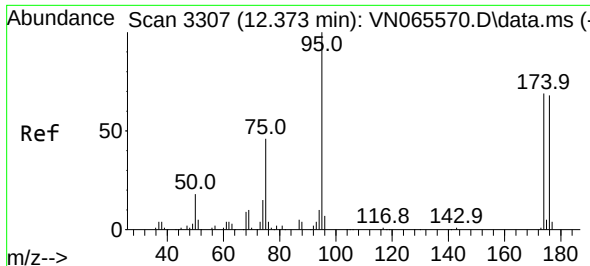
Tgt Ion: 98 Resp: 427454
Ion Ratio Lower Upper
98 100
100 64.6 50.5 75.7



#59
2-Hexanone
Concen: 0.26 ug/l
RT: 10.730 min Scan# 2796
Delta R.T. 0.010 min
Lab File: VN065669.D
Acq: 29 Jan 2021 10:57

Tgt Ion: 43 Resp: 590
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#

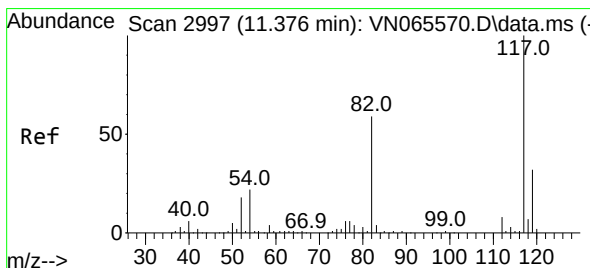
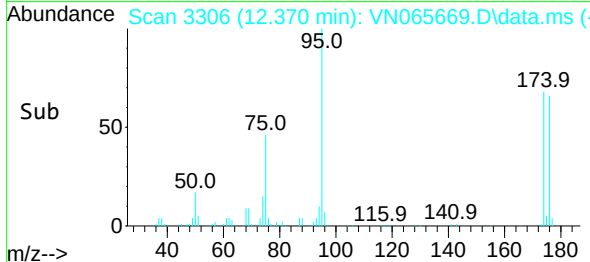
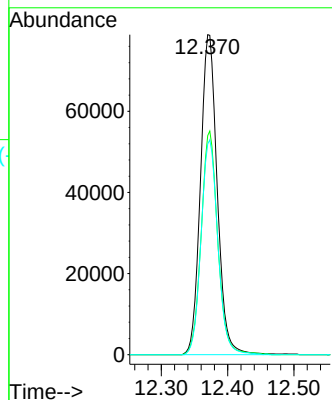
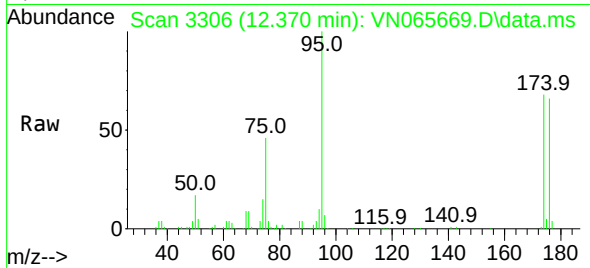




#62
4-Bromofluorobenzene
Concen: 48.00 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.003 min
Lab File: VN065669.D
Acq: 29 Jan 2021 10:57

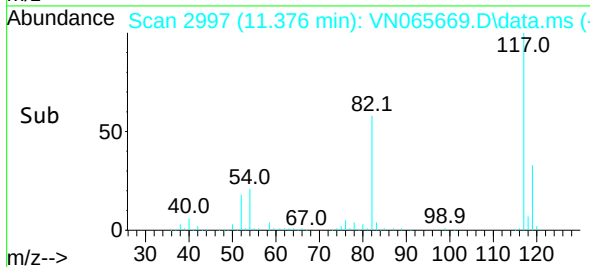
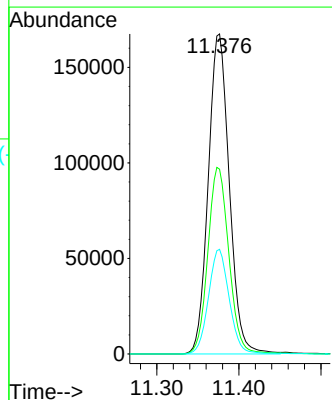
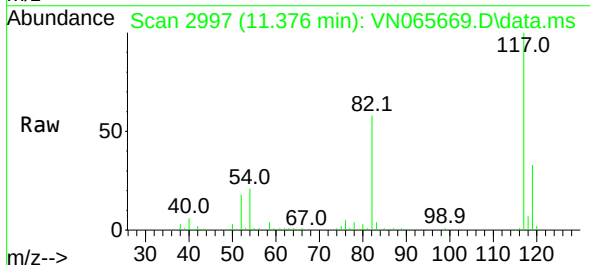
Instrument :
MSVOA_N
ClientSampleId :
VN0129MBL01

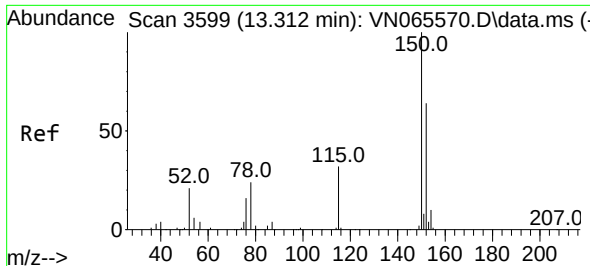
Tgt Ion: 95 Resp: 138517
Ion Ratio Lower Upper
95 100
174 69.1 0.0 169.0
176 67.1 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065669.D
Acq: 29 Jan 2021 10:57

Tgt Ion: 117 Resp: 299257
Ion Ratio Lower Upper
117 100
82 57.8 43.7 65.5
119 32.7 26.1 39.1

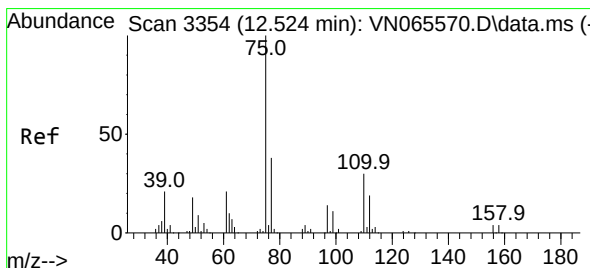
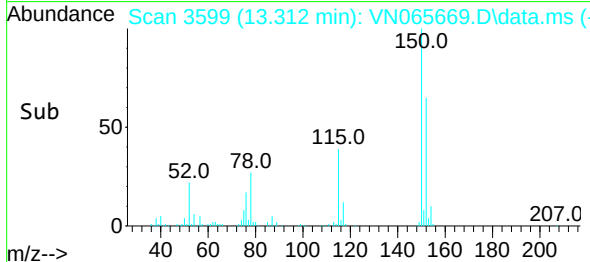
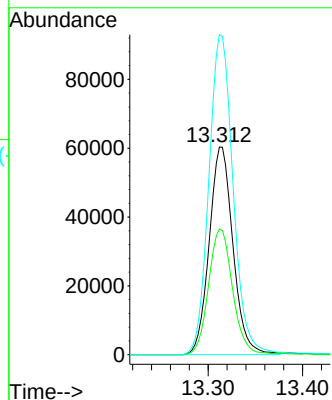
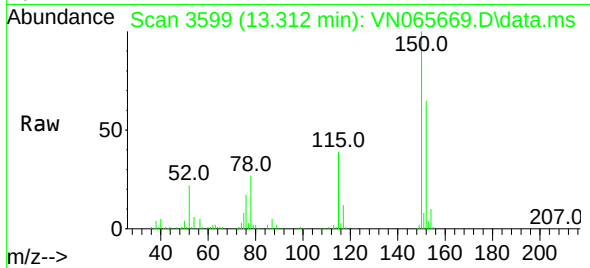




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. -0.000 min
Lab File: VN065669.D
Acq: 29 Jan 2021 10:57

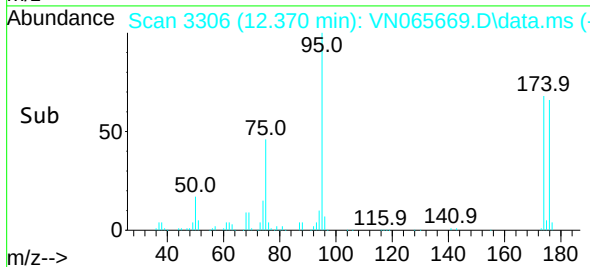
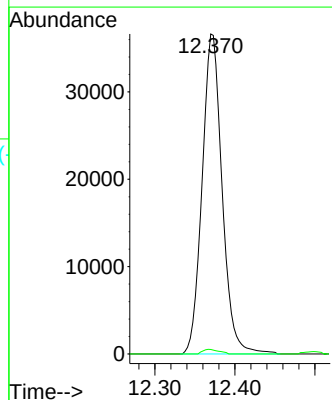
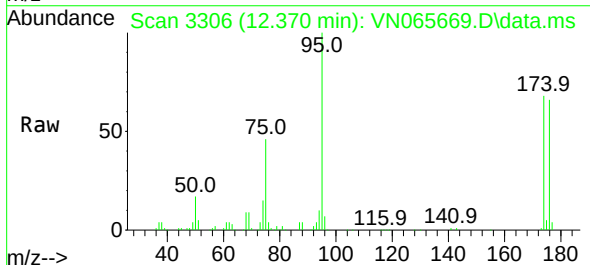
Instrument :
MSVOA_N
ClientSampleId :
VN0129MBL01

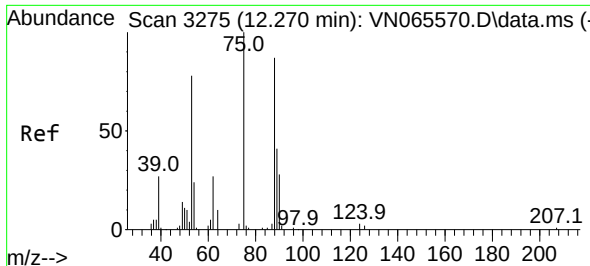
Tgt Ion:152 Resp: 105691
Ion Ratio Lower Upper
152 100
115 61.3 28.5 85.6
150 157.7 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 23.11 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.154 min
Lab File: VN065669.D
Acq: 29 Jan 2021 10:57

Tgt Ion: 75 Resp: 63856
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

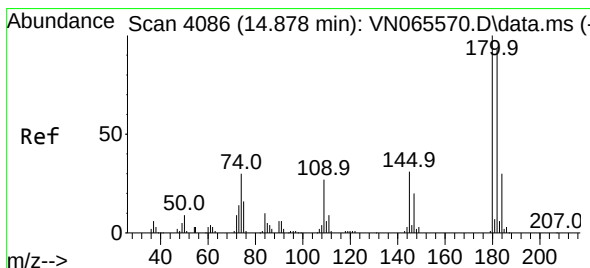
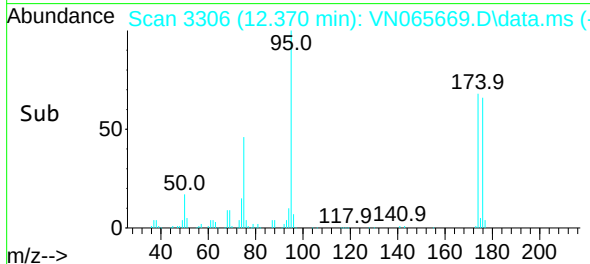
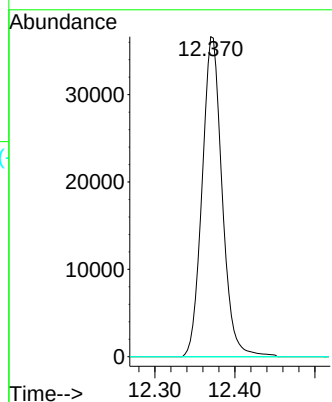
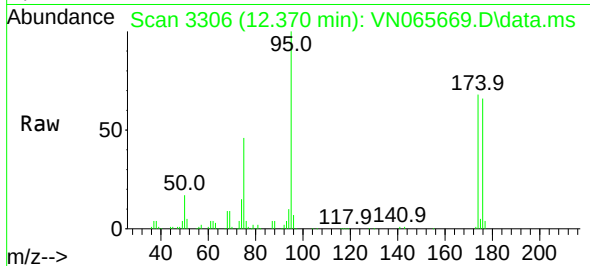




#81
trans-1,4-Dichloro-2-butene
Concen: 59.18 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.100 min
Lab File: VN065669.D
Acq: 29 Jan 2021 10:57

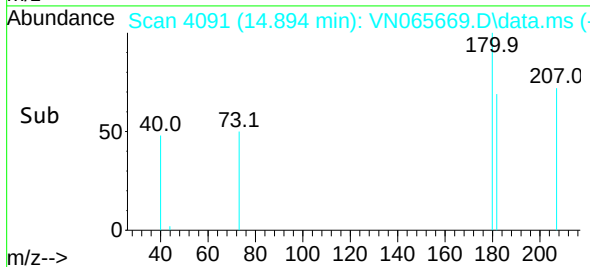
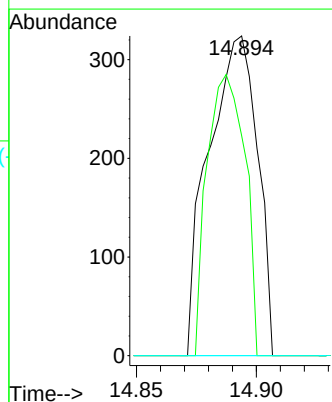
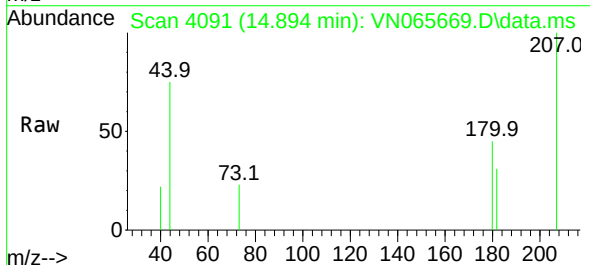
Instrument :
MSVOA_N
ClientSampled :
VN0129MBL01

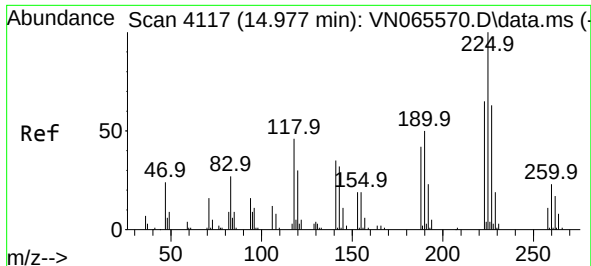
Tgt Ion: 75 Resp: 63856
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#93
1,2,4-Trichlorobenzene
Concen: 3.56 ug/l
RT: 14.894 min Scan# 4091
Delta R.T. 0.016 min
Lab File: VN065669.D
Acq: 29 Jan 2021 10:57

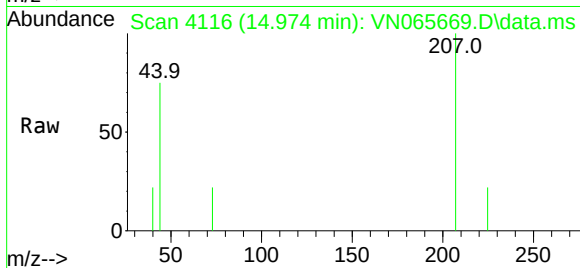
Tgt Ion:180 Resp: 457
Ion Ratio Lower Upper
180 100
182 68.1 47.3 142.0
145 0.0 15.6 46.8#



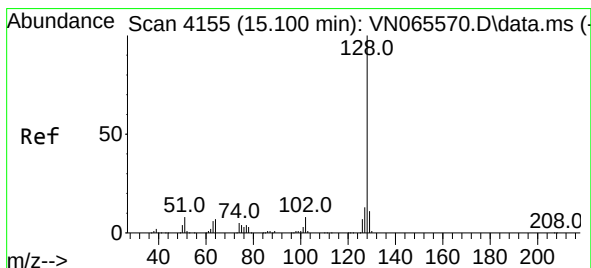
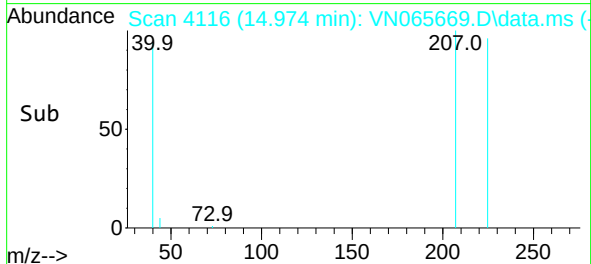
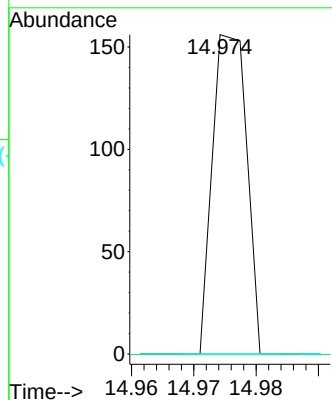


#94
Hexachlorobutadiene
Concen: 0.29 ug/l
RT: 14.974 min Scan# 4116
Delta R.T. -0.003 min
Lab File: VN065669.D
Acq: 29 Jan 2021 10:57

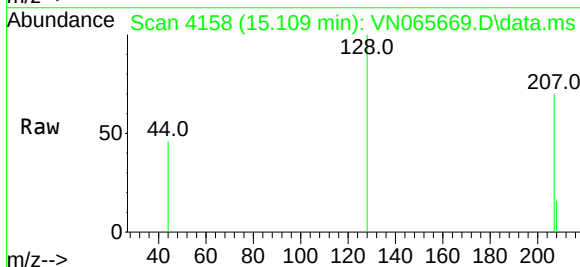
Instrument :
MSVOA_N
ClientSampleId :
VN0129MBL01



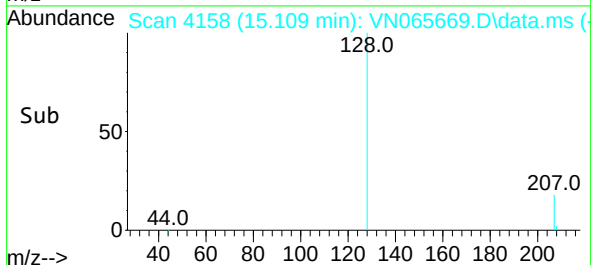
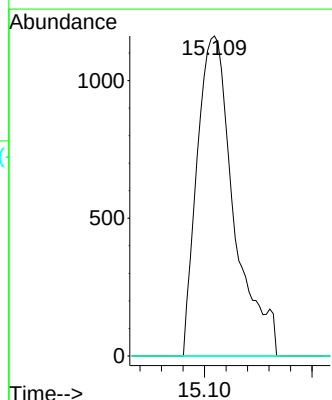
Tgt Ion:	225	Resp:	60
Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.9	95.9#
227	0.0	31.6	95.0#

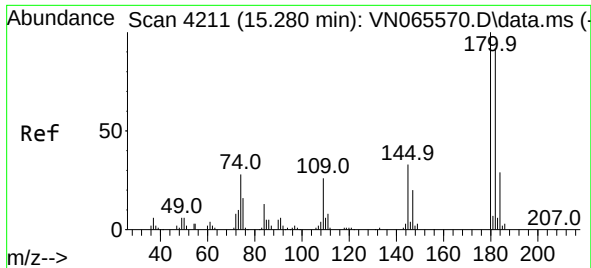


#95
Naphthalene
Concen: 3.83 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.009 min
Lab File: VN065669.D
Acq: 29 Jan 2021 10:57



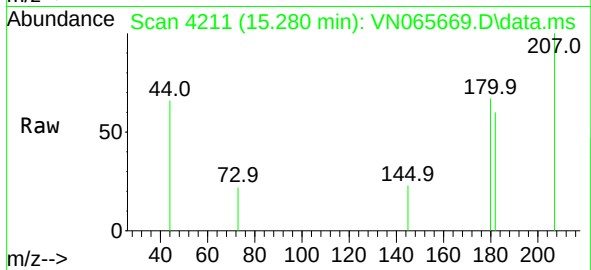
Tgt Ion:	128	Resp:	2760
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.6	13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.21 ug/l
 RT: 15.280 min Scan# 4211
 Delta R.T. -0.000 min
 Lab File: VN065669.D
 Acq: 29 Jan 2021 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129MBL01



Tgt Ion:180 Resp: 818
 Ion Ratio Lower Upper
 180 100
 182 104.6 47.4 142.3
 145 16.3 16.5 49.5#

