

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052821\
 Data File : VN067190.D
 Acq On : 28 May 2021 17:59
 Operator : JC/MD
 Sample : PB136697ZHE#07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB136697ZHE#07

Quant Time: May 29 02:25:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052121W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 21 17:24:08 2021
 Response via : Initial Calibration

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

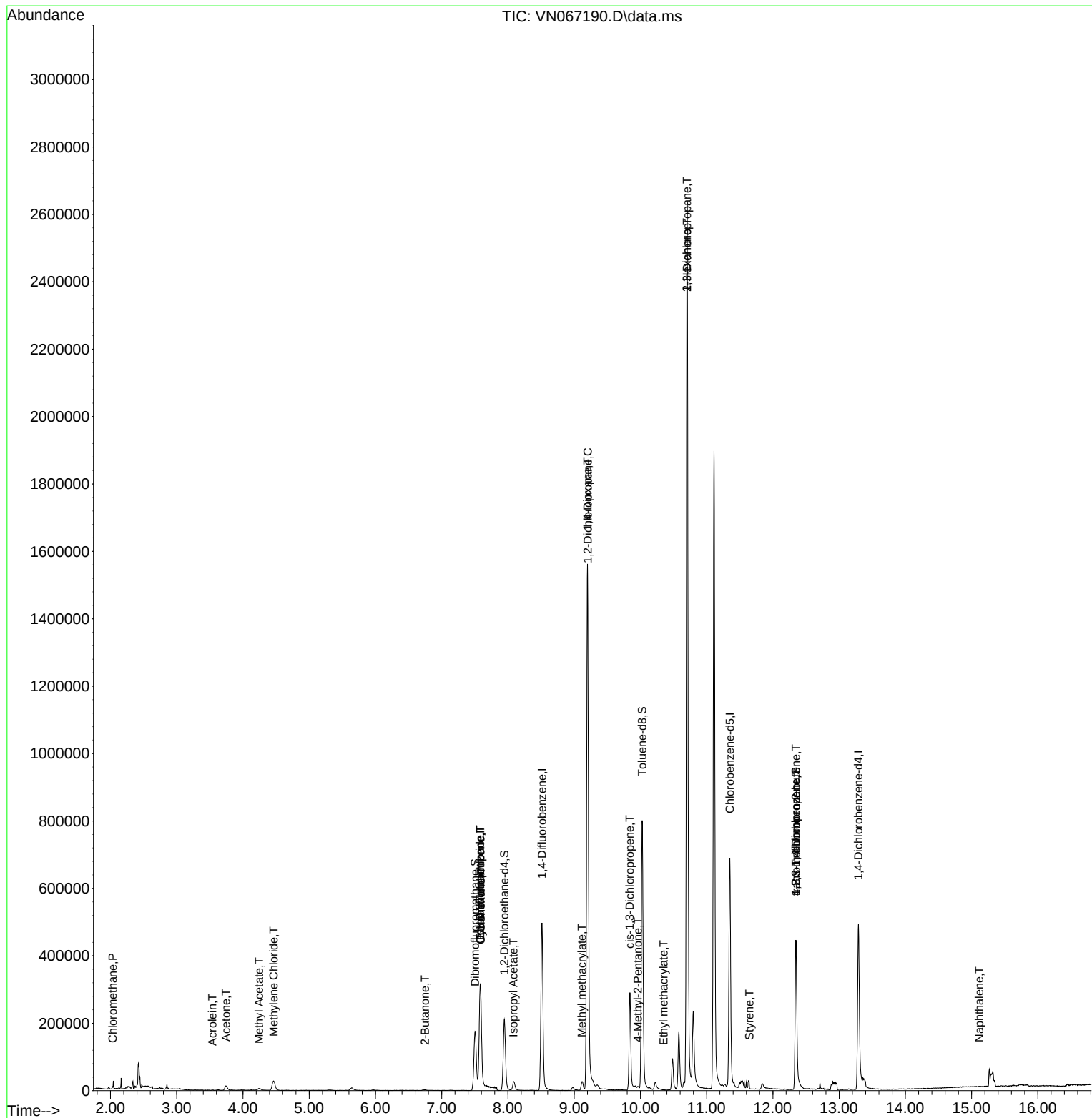
Internal Standards						
1) Pentafluorobenzene	7.583	168	253329	50.00	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.514	114	464919	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.349	117	404413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.291	152	151667	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	185683	47.23	ug/l	-0.01
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.46%		
35) Dibromofluoromethane	7.503	113	144697	50.72	ug/l	-0.02
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.44%		
50) Toluene-d8	10.027	98	562823	51.26	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.52%		
62) 4-Bromofluorobenzene	12.347	95	194148	51.72	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.44%		
Target Compounds						Qvalue
3) Chloromethane	2.034	50	1153	0.25	ug/l #	63
13) Acrolein	3.539	56	340	0.49	ug/l #	67
16) Acetone	3.743	43	23055	14.27	ug/l	92
18) Methyl Acetate	4.244	43	8971	1.99	ug/l #	73
20) Methylene Chloride	4.462	84	21924	5.52	ug/l #	91
25) 2-Butanone	6.749	43	2861	1.11	ug/l	95
31) Cyclohexane	7.589	56	5980	0.98	ug/l #	1
36) 1,1-Dichloropropene	7.581	75	22631	4.81	ug/l #	48
38) Carbon Tetrachloride	7.578	117	28023	6.12	ug/l #	15
43) Isopropyl Acetate	8.085	43	35181	3.91	ug/l #	85
45) 1,2-Dichloropropane	9.206	63	2005	0.51	ug/l #	45
48) Methyl methacrylate	9.115	41	7344	1.84	ug/l #	9
49) 1,4-Dioxane	9.203	88	80	61.89	ug/l #	1
51) 4-Methyl-2-Pentanone	9.962	43	5936	1.19	ug/l #	33
54) cis-1,3-Dichloropropene	9.842	75	56777	9.52	ug/l #	65
56) Ethyl methacrylate	10.349	69	164	2.82	ug/l #	31
57) 1,3-Dichloropropane	10.705	76	27493	4.73	ug/l #	42
59) 2-Hexanone	10.705	43	400324	116.91	ug/l #	46
70) Styrene	11.644	104	91	2.51	ug/l #	50
76) 1,2,3-Trichloropropane	12.347	75	99346	23.53	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.347	75	99346	66.73	ug/l #	15
95) Naphthalene	15.114	128	203	3.89	ug/l #	69

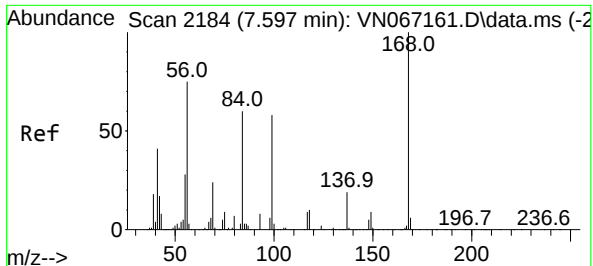
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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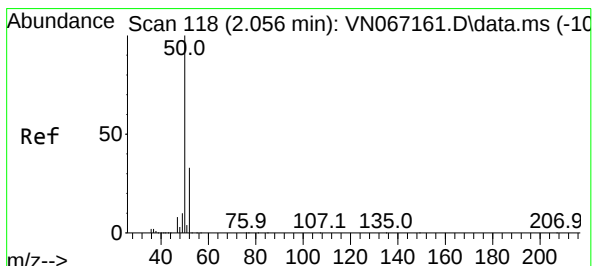
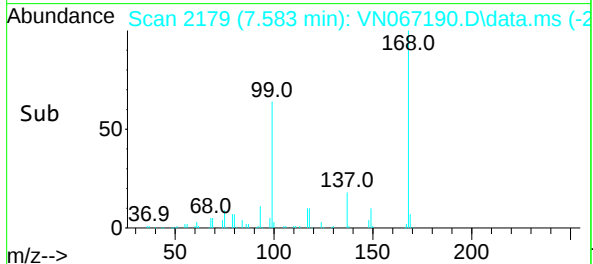
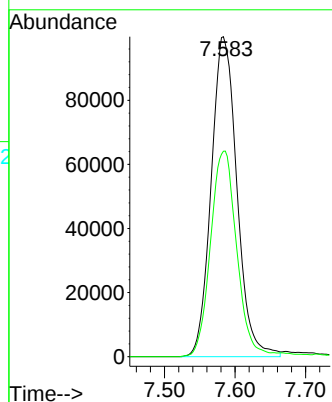
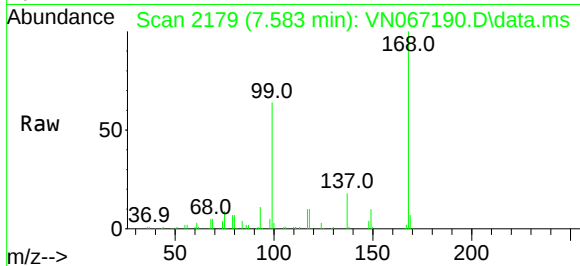




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.583 min Scan# 2179
Delta R.T. -0.014 min
Lab File: VN067190.D
Acq: 28 May 2021 17:59

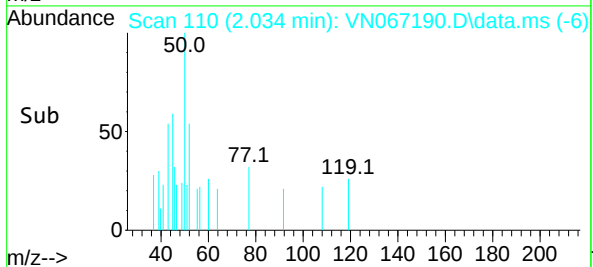
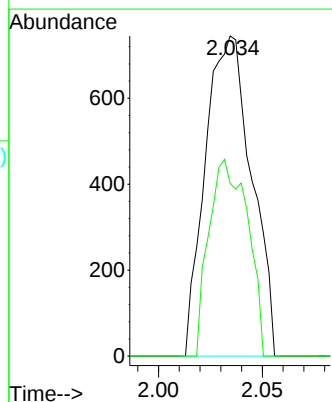
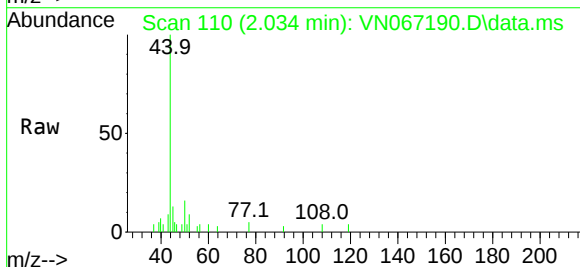
Instrument :
MSVOA_N
ClientSampleId :
PB136697ZHE#07

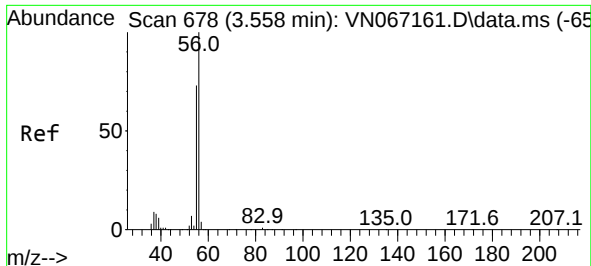
Tgt Ion:168 Resp: 253329
Ion Ratio Lower Upper
168 100
99 64.2 38.5 57.7#



#3
Chloromethane
Concen: 0.25 ug/l
RT: 2.034 min Scan# 110
Delta R.T. -0.022 min
Lab File: VN067190.D
Acq: 28 May 2021 17:59

Tgt Ion: 50 Resp: 1153
Ion Ratio Lower Upper
50 100
52 54.0 26.5 39.7#

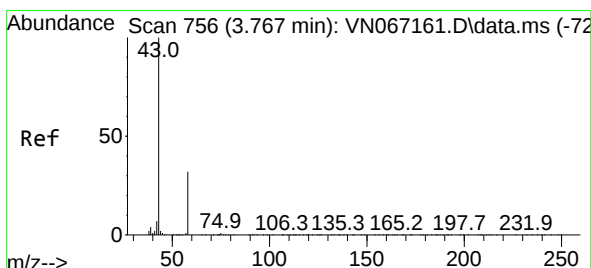
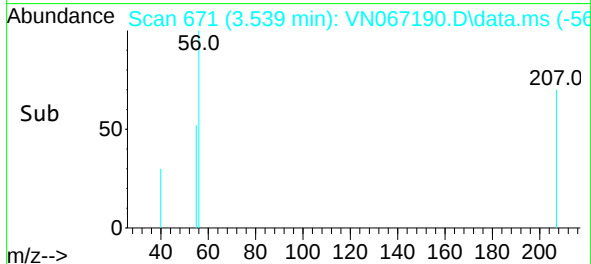
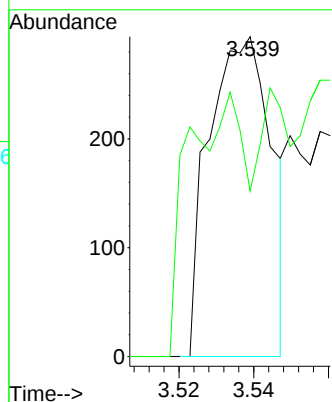
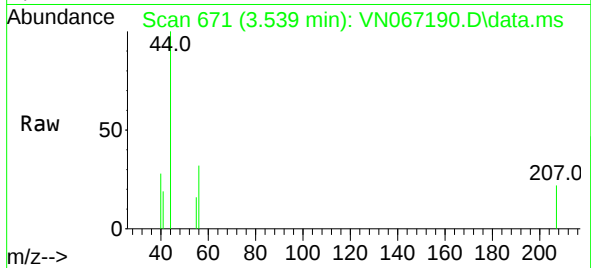




#13
Acrolein
Concen: 0.49 ug/l
RT: 3.539 min Scan# 671
Delta R.T. -0.019 min
Lab File: VN067190.D
Acq: 28 May 2021 17:59

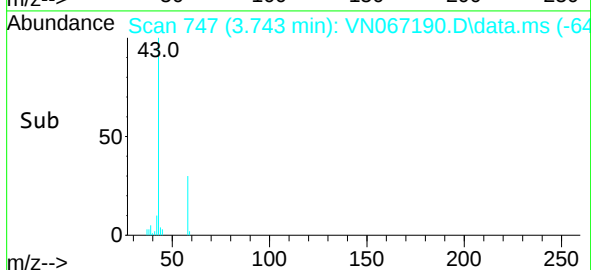
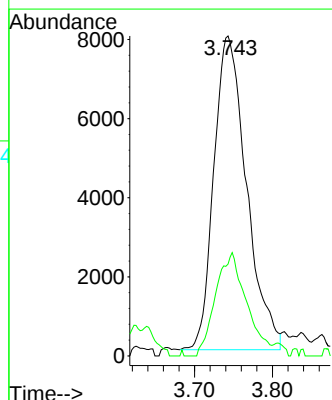
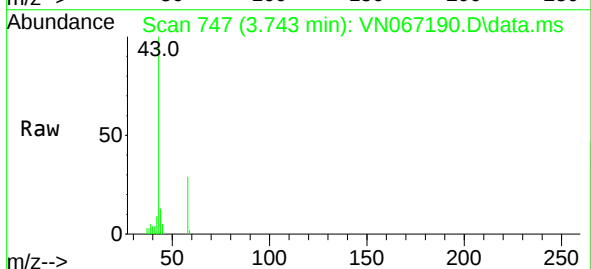
Instrument :
MSVOA_N
ClientSampleId :
PB136697ZHE#07

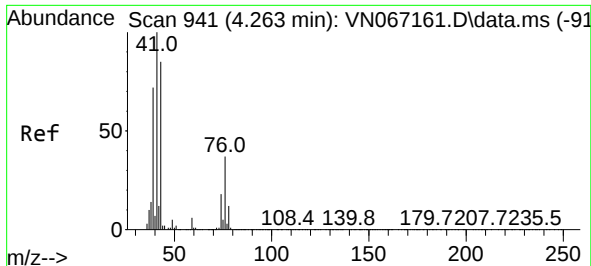
Tgt Ion: 56 Resp: 340
Ion Ratio Lower Upper
56 100
55 40.9 53.8 80.6#



#16
Acetone
Concen: 14.27 ug/l
RT: 3.743 min Scan# 747
Delta R.T. -0.024 min
Lab File: VN067190.D
Acq: 28 May 2021 17:59

Tgt Ion: 43 Resp: 23055
Ion Ratio Lower Upper
43 100
58 29.2 27.2 40.8

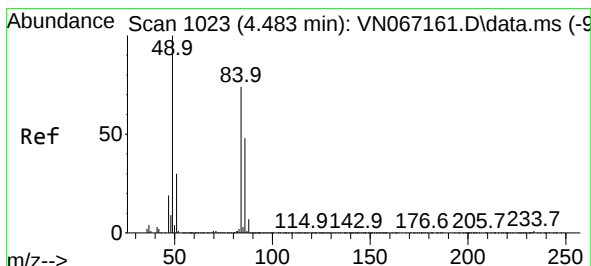
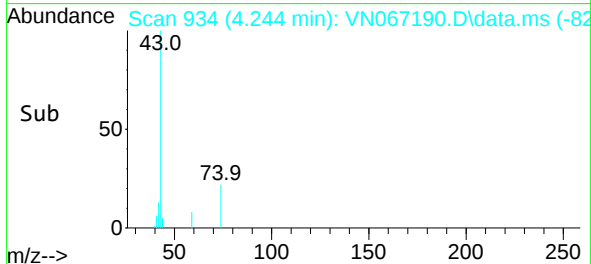
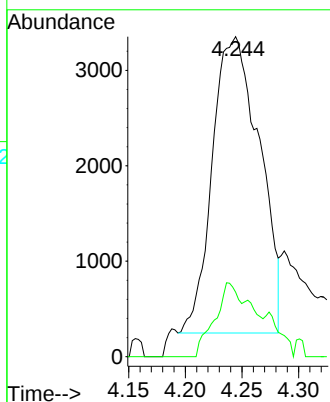
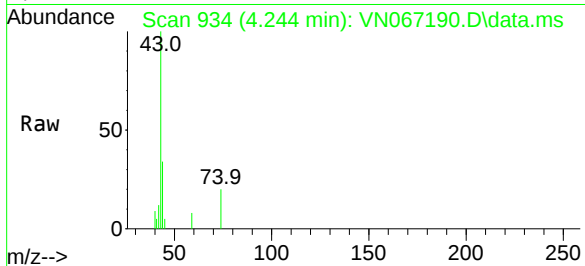




#18
Methyl Acetate
Concen: 1.99 ug/l
RT: 4.244 min Scan# 934
Delta R.T. -0.019 min
Lab File: VN067190.D
Acq: 28 May 2021 17:59

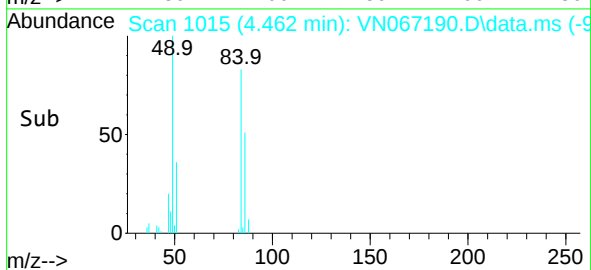
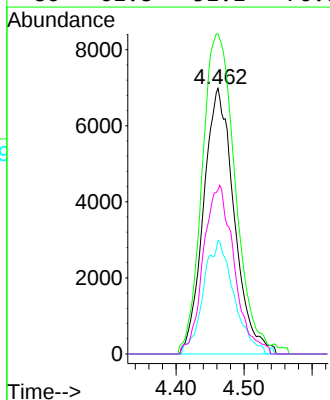
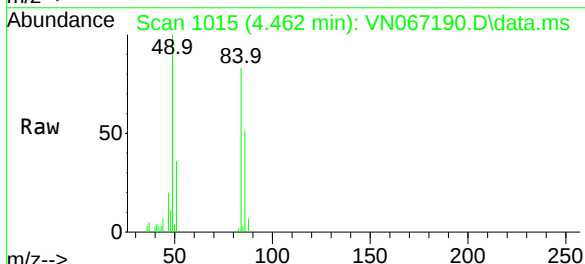
Instrument :
MSVOA_N
ClientSampleId :
PB136697ZHE#07

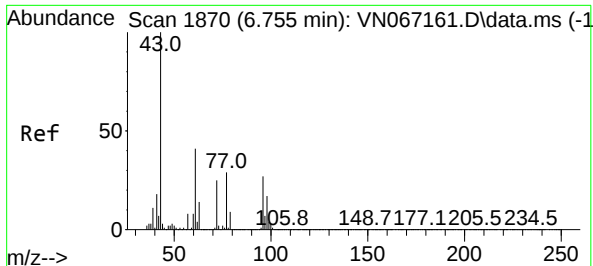
Tgt Ion: 43 Resp: 8971
Ion Ratio Lower Upper
43 100
74 13.1 21.4 32.2#



#20
Methylene Chloride
Concen: 5.52 ug/l
RT: 4.462 min Scan# 1015
Delta R.T. -0.021 min
Lab File: VN067190.D
Acq: 28 May 2021 17:59

Tgt Ion: 84 Resp: 21924
Ion Ratio Lower Upper
84 100
49 120.5 88.3 132.5
51 42.8 26.7 40.1#
86 61.8 51.1 76.7

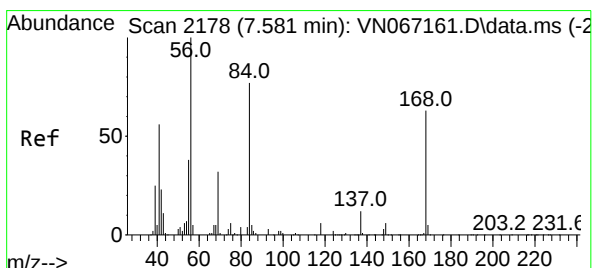
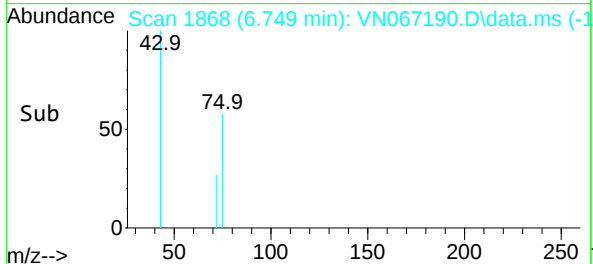
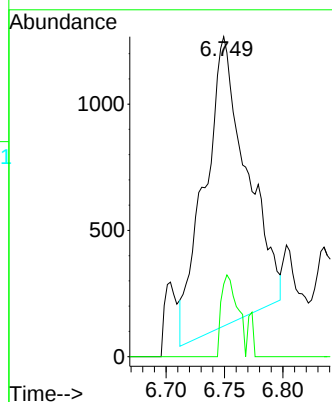
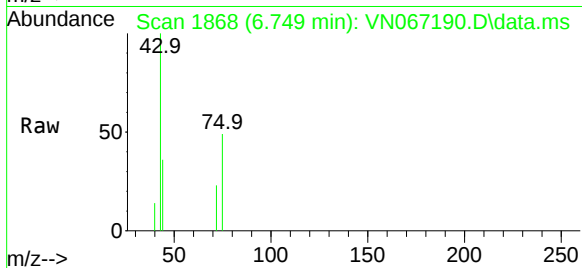




#25
2-Butanone
Concen: 1.11 ug/l
RT: 6.749 min Scan# 1868
Delta R.T. -0.006 min
Lab File: VN067190.D
Acq: 28 May 2021 17:59

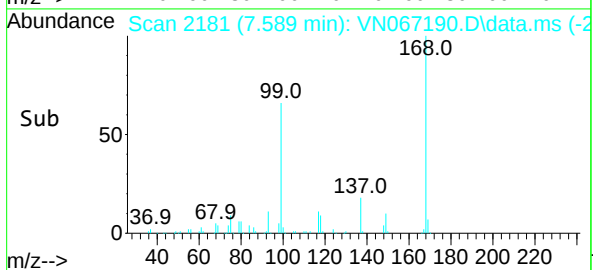
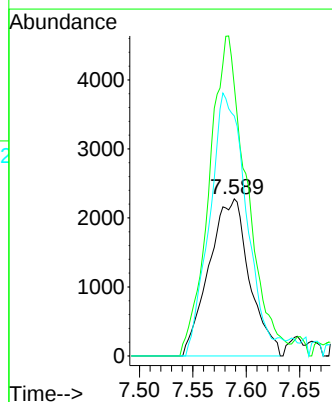
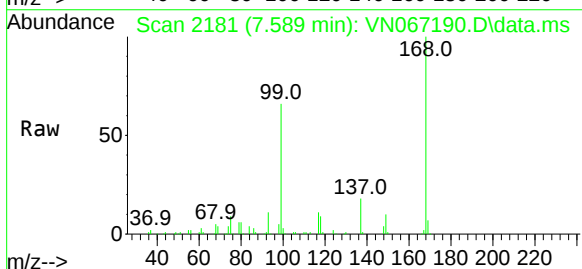
Instrument :
MSVOA_N
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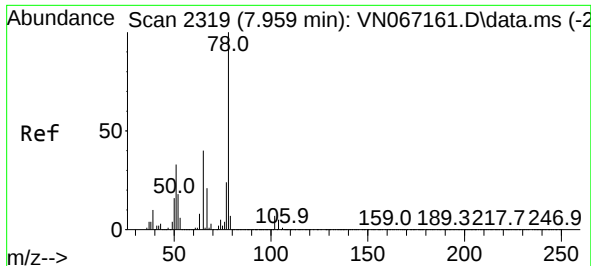
Tgt Ion: 43 Resp: 2861
Ion Ratio Lower Upper
43 100
72 27.5 24.4 36.6



#31
Cyclohexane
Concen: 0.98 ug/l
RT: 7.589 min Scan# 2181
Delta R.T. 0.008 min
Lab File: VN067190.D
Acq: 28 May 2021 17:59

Tgt Ion: 56 Resp: 5980
Ion Ratio Lower Upper
56 100
69 171.8 28.0 42.0#
84 152.6 74.2 111.2#

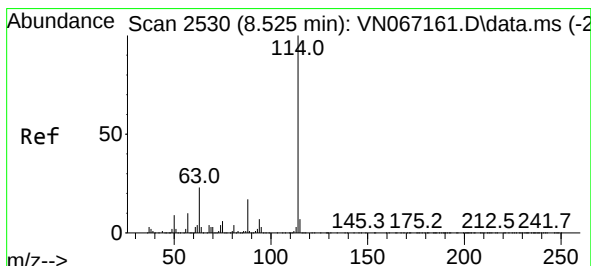
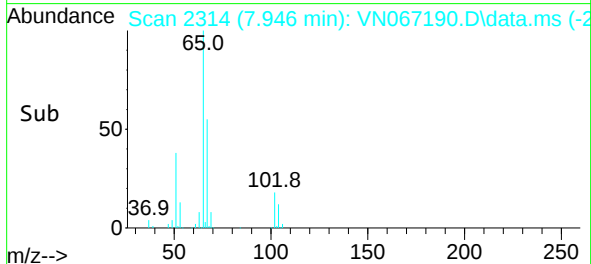
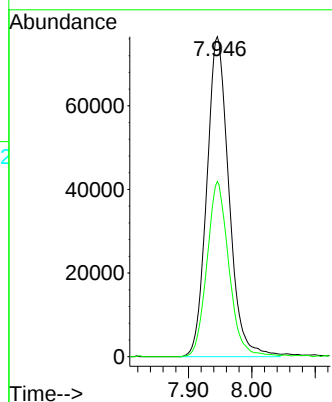
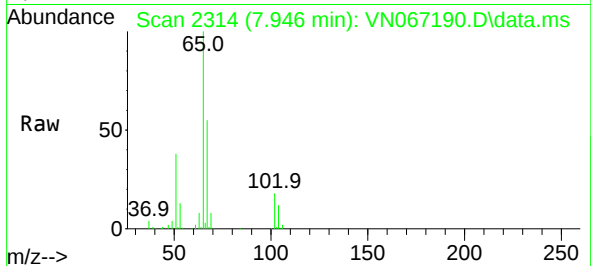




#33
 1,2-Dichloroethane-d4
 Concen: 47.23 ug/l
 RT: 7.946 min Scan# 2314
 Delta R.T. -0.013 min
 Lab File: VN067190.D
 Acq: 28 May 2021 17:59

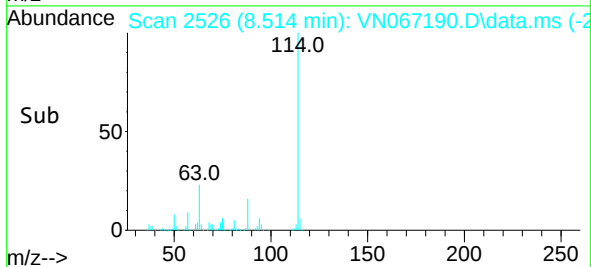
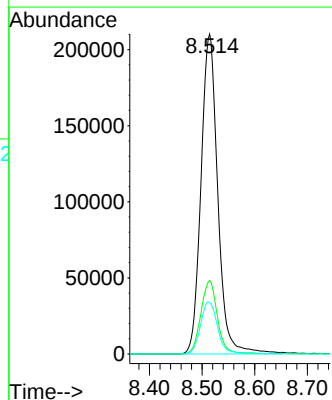
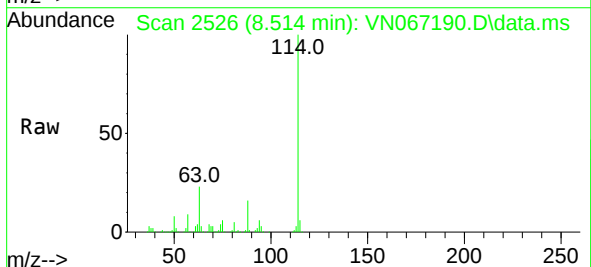
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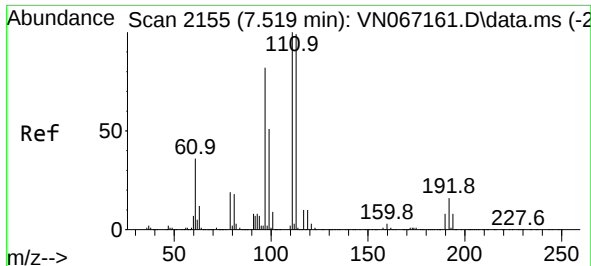
Tgt Ion: 65 Resp: 185683
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.514 min Scan# 2526
 Delta R.T. -0.011 min
 Lab File: VN067190.D
 Acq: 28 May 2021 17:59

Tgt Ion: 114 Resp: 464919
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 35.8
 88 16.1 0.0 30.4

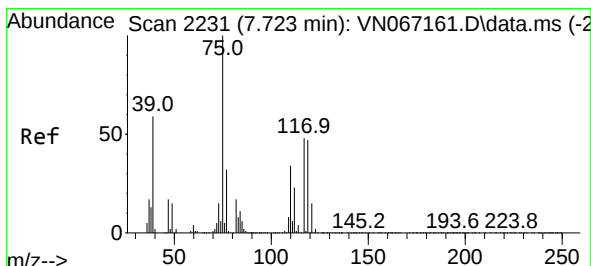
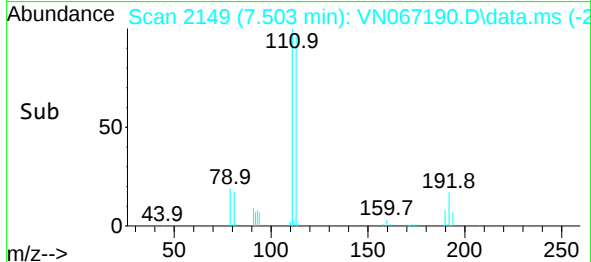
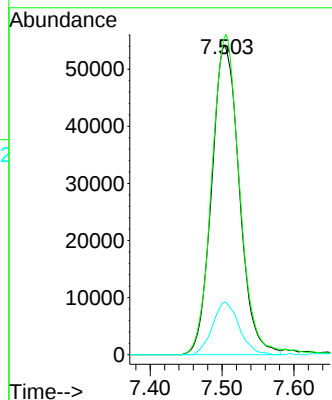
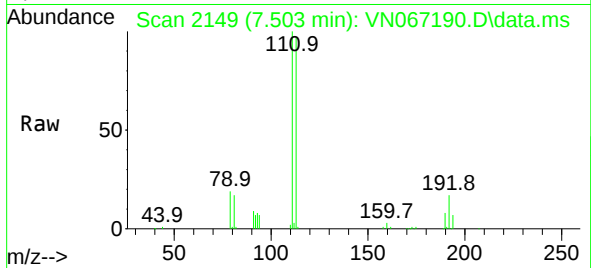




#35
Dibromofluoromethane
Concen: 50.72 ug/l
RT: 7.503 min Scan# 2149
Delta R.T. -0.016 min
Lab File: VN067190.D
Acq: 28 May 2021 17:59

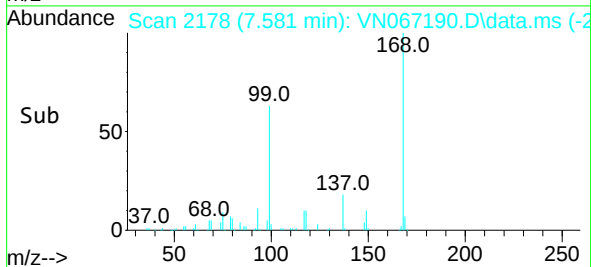
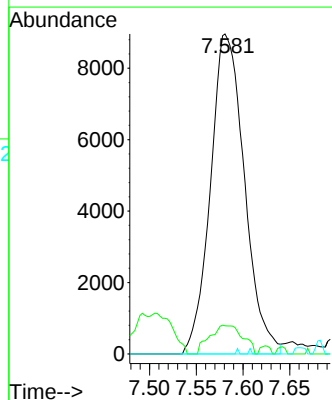
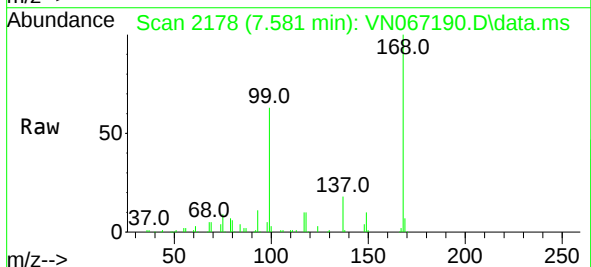
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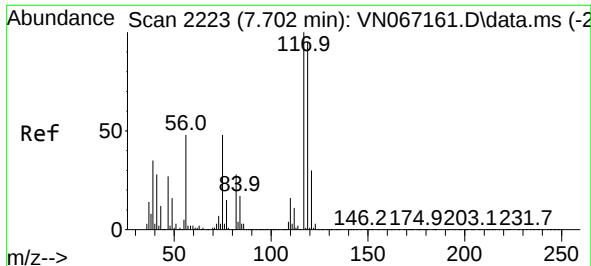
Tgt Ion:113 Resp: 144697
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 16.4 18.2 27.4#



#36
1,1-Dichloropropene
Concen: 4.81 ug/l
RT: 7.581 min Scan# 2178
Delta R.T. -0.142 min
Lab File: VN067190.D
Acq: 28 May 2021 17:59

Tgt Ion: 75 Resp: 22631
Ion Ratio Lower Upper
75 100
110 8.7 19.1 57.3#
77 0.1 24.8 37.2#

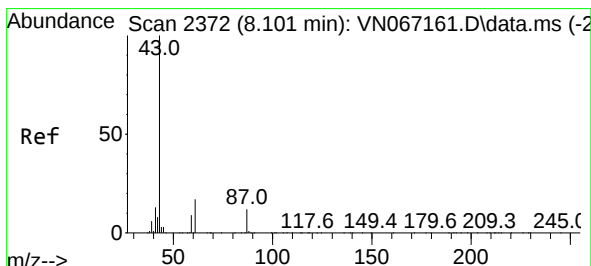
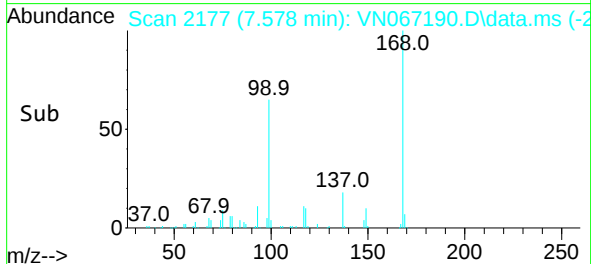
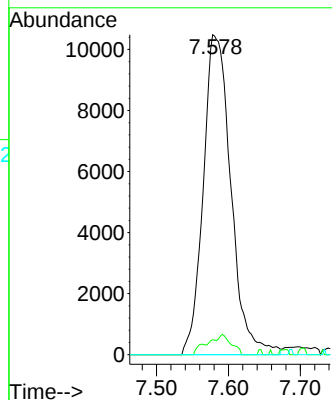
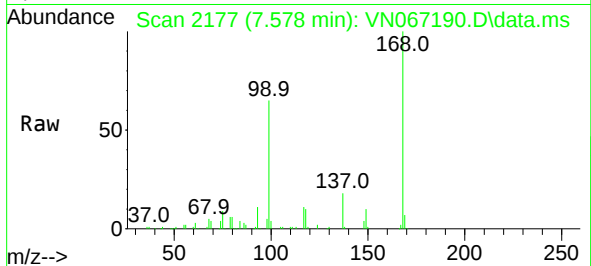




#38
Carbon Tetrachloride
Concen: 6.12 ug/l
RT: 7.578 min Scan# 2177
Delta R.T. -0.124 min
Lab File: VN067190.D
Acq: 28 May 2021 17:59

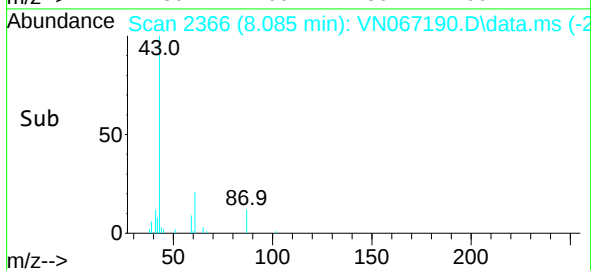
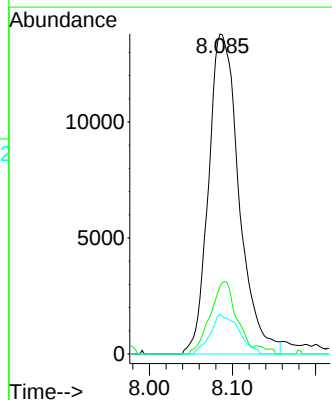
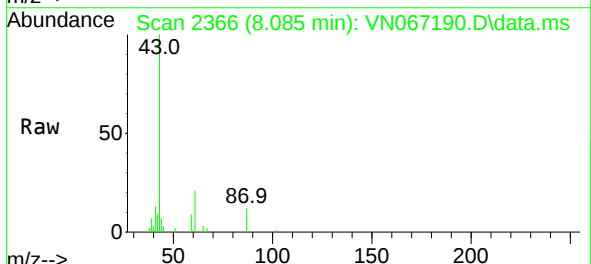
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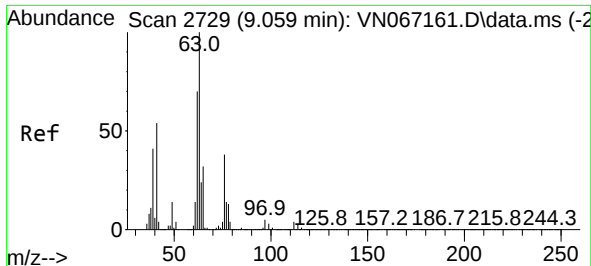
Tgt Ion:117 Resp: 28023
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.7 37.1#



#43
Isopropyl Acetate
Concen: 3.91 ug/l
RT: 8.085 min Scan# 2366
Delta R.T. -0.016 min
Lab File: VN067190.D
Acq: 28 May 2021 17:59

Tgt Ion: 43 Resp: 35181
Ion Ratio Lower Upper
43 100
61 19.5 23.4 35.0#
87 11.6 12.2 18.2#

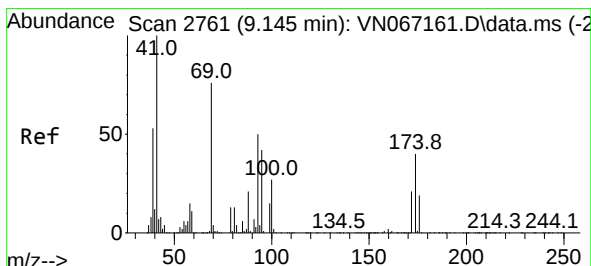
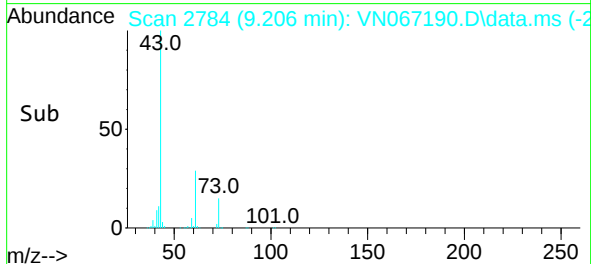
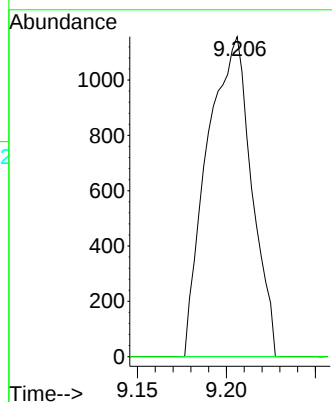
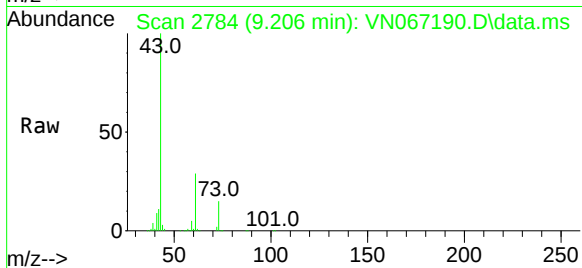




#45
1,2-Dichloropropane
Concen: 0.51 ug/l
RT: 9.206 min Scan# 2784
Delta R.T. 0.147 min
Lab File: VN067190.D
Acq: 28 May 2021 17:59

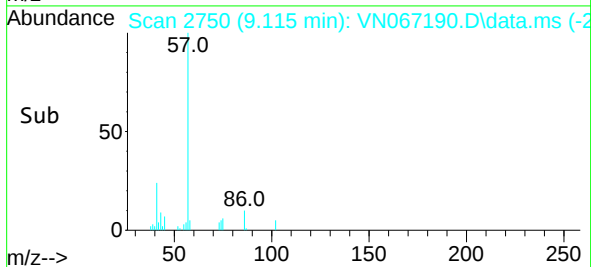
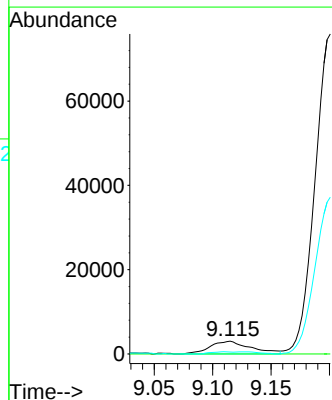
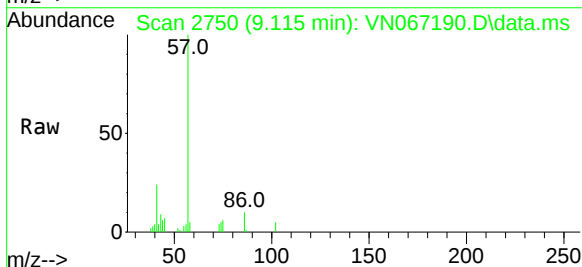
Instrument :
MSVOA_N
ClientSampleId :
PB136697ZHE#07

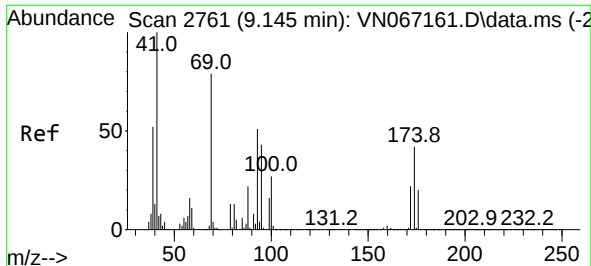
Tgt Ion: 63 Resp: 2005
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#



#48
Methyl methacrylate
Concen: 1.84 ug/l
RT: 9.115 min Scan# 2750
Delta R.T. -0.030 min
Lab File: VN067190.D
Acq: 28 May 2021 17:59

Tgt Ion: 41 Resp: 7344
Ion Ratio Lower Upper
41 100
69 0.0 80.5 120.7#
39 0.0 41.4 62.0#

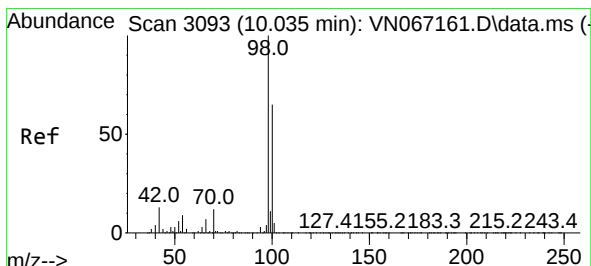
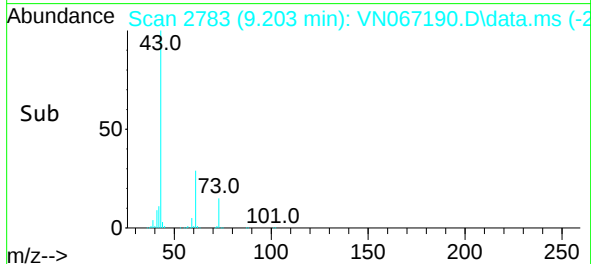
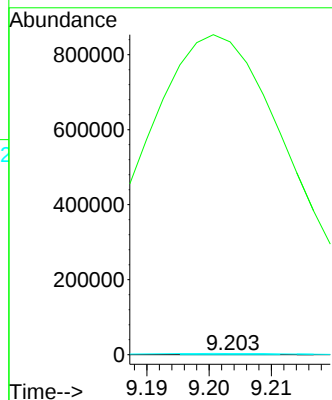
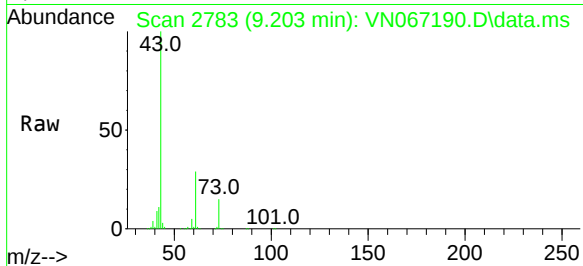




#49
1,4-Dioxane
Concen: 61.89 ug/l
RT: 9.203 min Scan# 2783
Delta R.T. 0.058 min
Lab File: VN067190.D
Acq: 28 May 2021 17:59

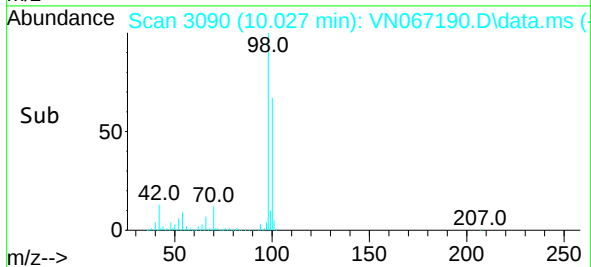
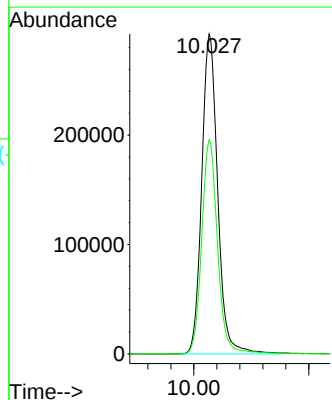
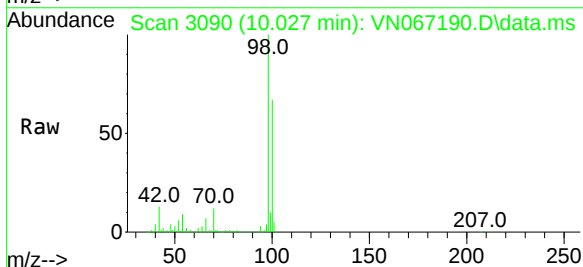
Instrument :
MSVOA_N
ClientSampleId :
PB136697ZHE#07

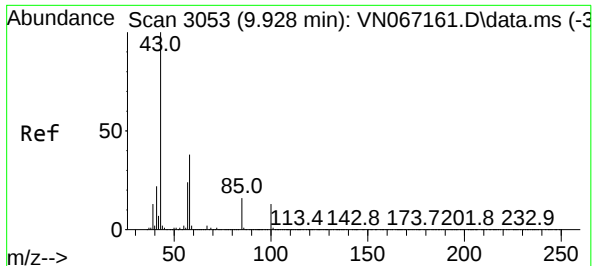
Tgt Ion: 88 Resp: 80
Ion Ratio Lower Upper
88 100
43 2126293.8 21.8 32.8#
58 7836.3 50.8 76.2#



#50
Toluene-d8
Concen: 51.26 ug/l
RT: 10.027 min Scan# 3090
Delta R.T. -0.008 min
Lab File: VN067190.D
Acq: 28 May 2021 17:59

Tgt Ion: 98 Resp: 562823
Ion Ratio Lower Upper
98 100
100 66.5 51.8 77.8

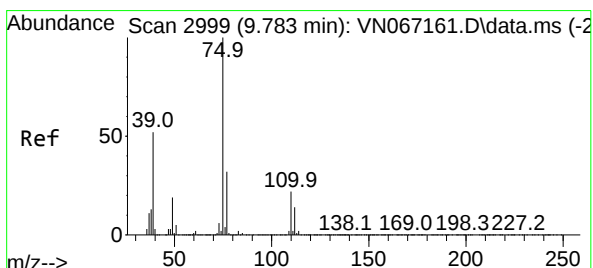
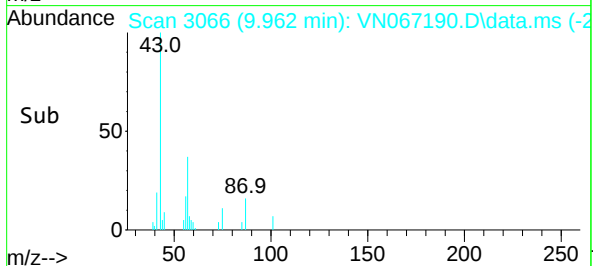
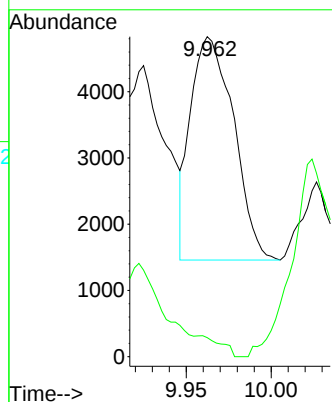
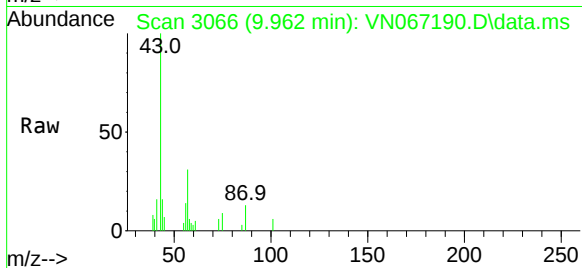




#51
4-Methyl-2-Pentanone
Concen: 1.19 ug/l
RT: 9.962 min Scan# 3066
Delta R.T. 0.034 min
Lab File: VN067190.D
Acq: 28 May 2021 17:59

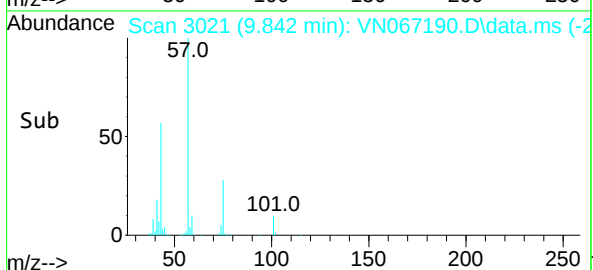
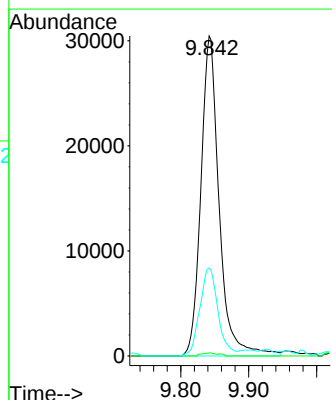
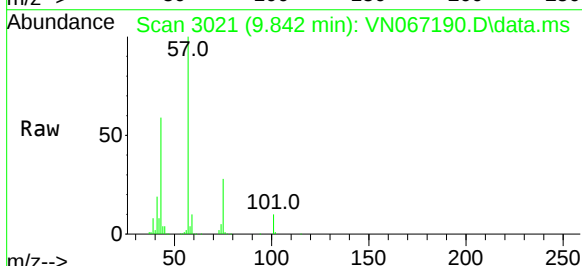
Instrument :
MSVOA_N
ClientSampleId :
PB136697ZHE#07

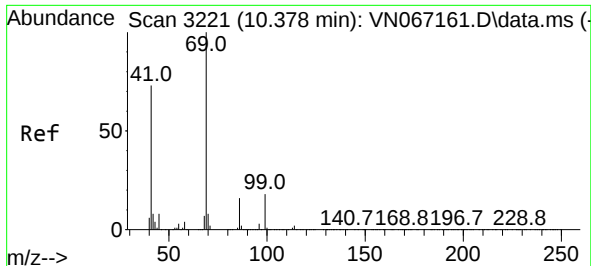
Tgt Ion: 43 Resp: 5936
Ion Ratio Lower Upper
43 100
58 0.0 34.5 51.7#



#54
cis-1,3-Dichloropropene
Concen: 9.52 ug/l
RT: 9.842 min Scan# 3021
Delta R.T. 0.059 min
Lab File: VN067190.D
Acq: 28 May 2021 17:59

Tgt Ion: 75 Resp: 56777
Ion Ratio Lower Upper
75 100
77 1.0 25.1 37.7#
39 27.5 30.9 46.3#

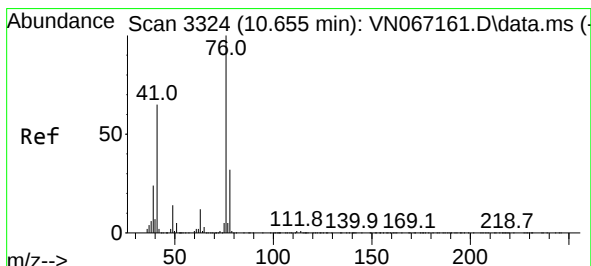
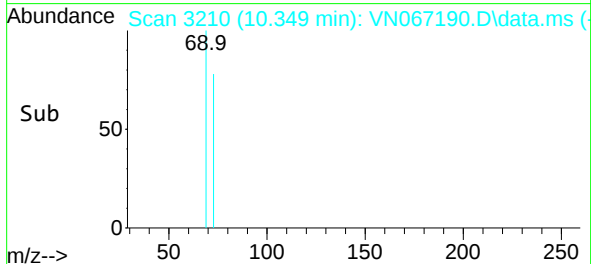
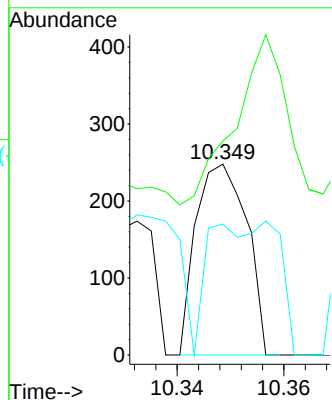
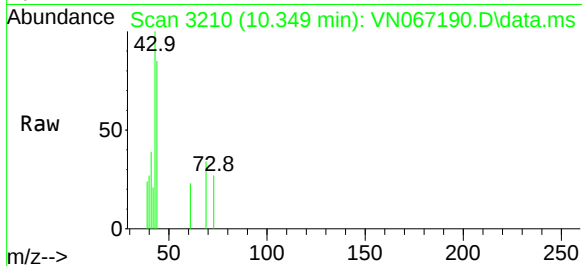




#56
Ethyl methacrylate
Concen: 2.82 ug/l
RT: 10.349 min Scan# 3210
Delta R.T. -0.029 min
Lab File: VN067190.D
Acq: 28 May 2021 17:59

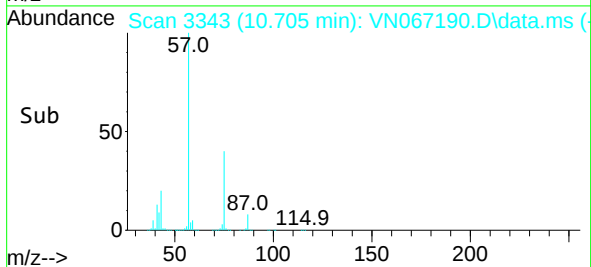
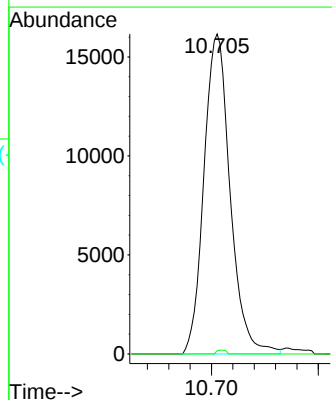
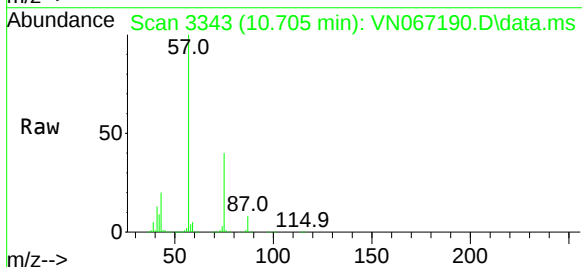
Instrument :
MSVOA_N
ClientSampleId :
PB136697ZHE#07

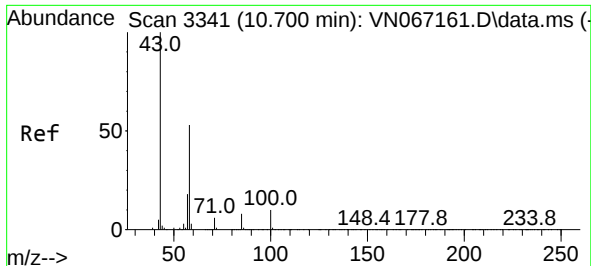
Tgt Ion: 69 Resp: 164
Ion Ratio Lower Upper
69 100
41 0.0 45.5 68.3#
39 0.0 22.9 34.3#



#57
1,3-Dichloropropane
Concen: 4.73 ug/l
RT: 10.705 min Scan# 3343
Delta R.T. 0.050 min
Lab File: VN067190.D
Acq: 28 May 2021 17:59

Tgt Ion: 76 Resp: 27493
Ion Ratio Lower Upper
76 100
78 0.4 26.3 39.5#

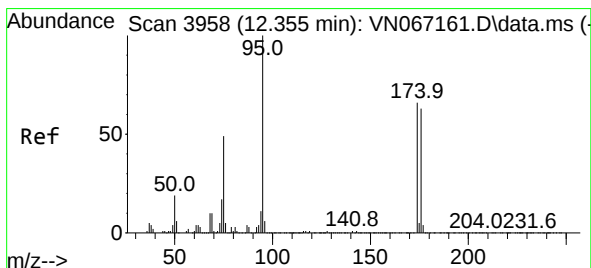
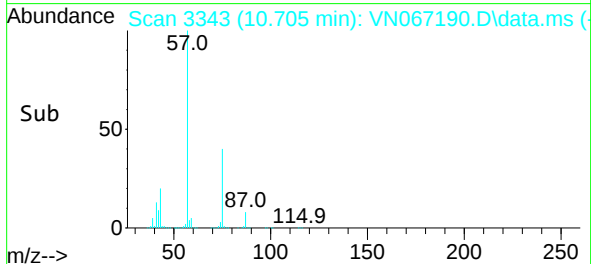
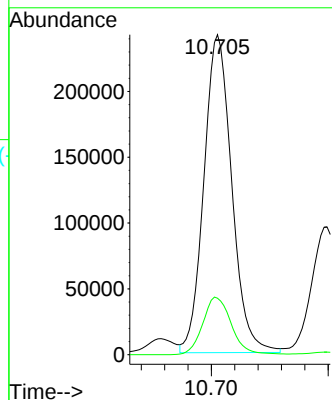
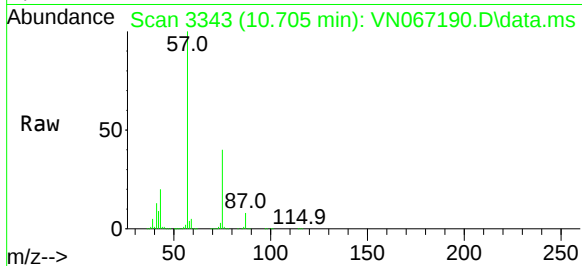




#59
2-Hexanone
Concen: 116.91 ug/l
RT: 10.705 min Scan# 3343
Delta R.T. 0.005 min
Lab File: VN067190.D
Acq: 28 May 2021 17:59

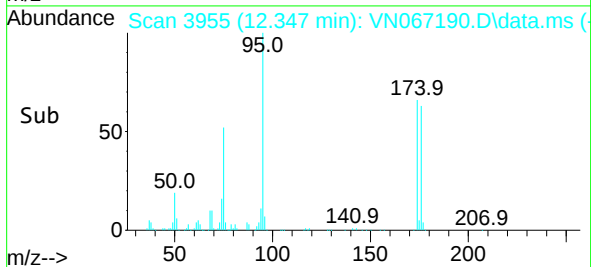
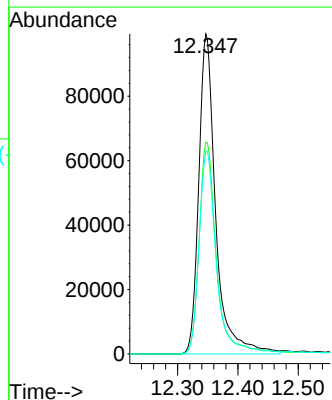
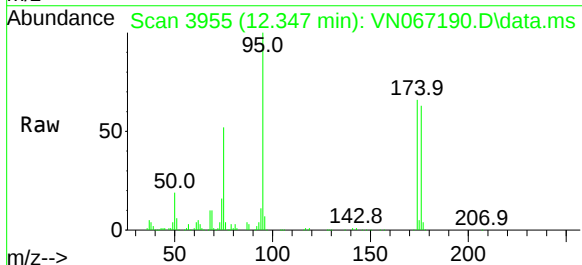
Instrument :
MSVOA_N
ClientSampleId :
PB136697ZHE#07

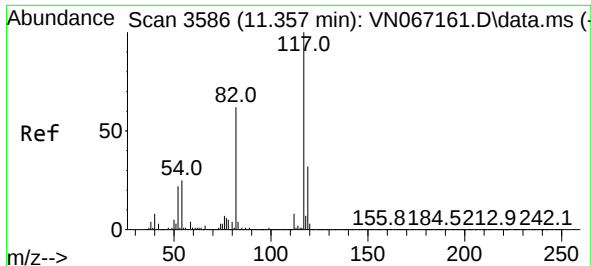
Tgt Ion: 43 Resp: 400324
Ion Ratio Lower Upper
43 100
58 18.6 29.8 89.5#



#62
4-Bromofluorobenzene
Concen: 51.72 ug/l
RT: 12.347 min Scan# 3955
Delta R.T. -0.008 min
Lab File: VN067190.D
Acq: 28 May 2021 17:59

Tgt Ion: 95 Resp: 194148
Ion Ratio Lower Upper
95 100
174 66.7 0.0 182.8
176 64.5 0.0 176.6

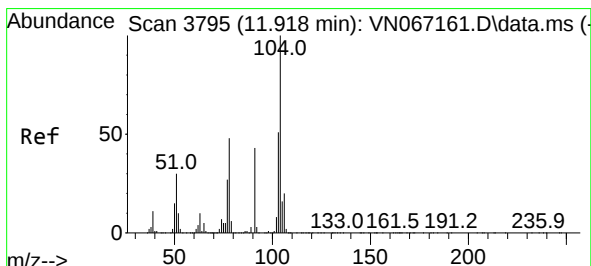
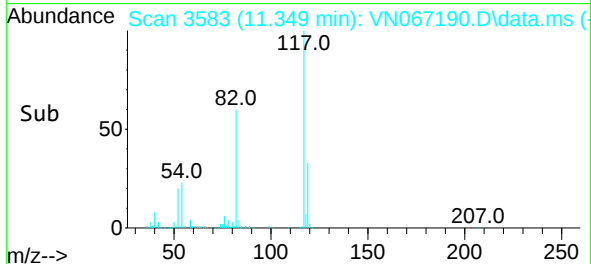
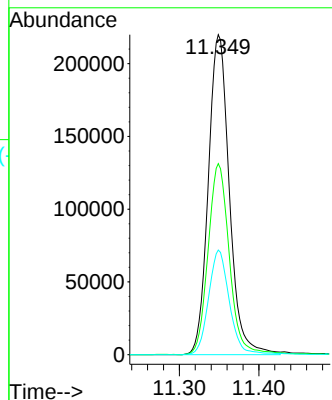
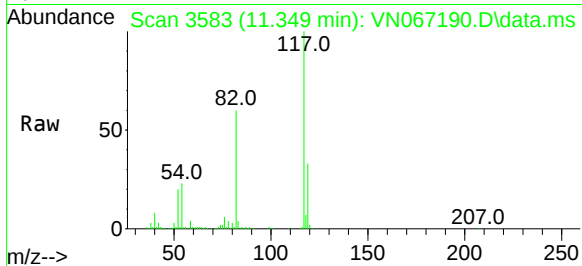




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.349 min Scan# 3583
Delta R.T. -0.008 min
Lab File: VN067190.D
Acq: 28 May 2021 17:59

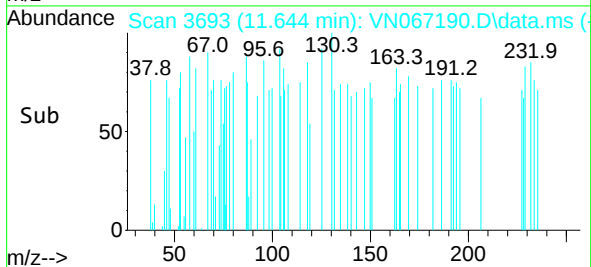
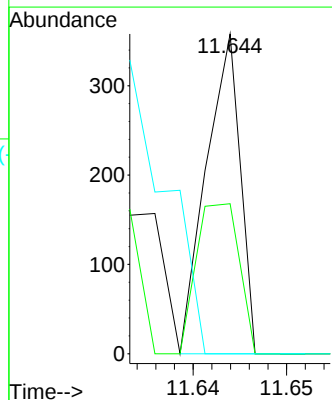
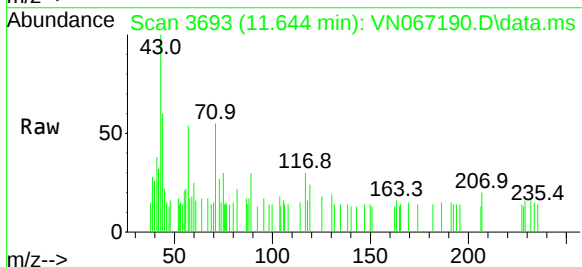
Instrument :
MSVOA_N
ClientSampleId :
PB136697ZHE#07

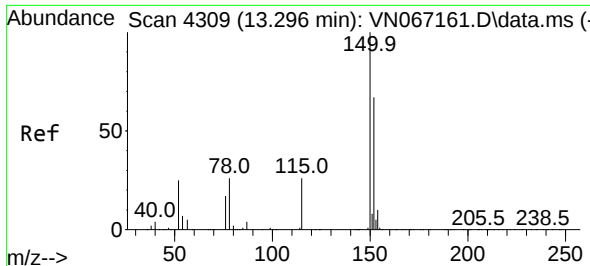
Tgt Ion:	117	Resp:	404413
Ion	Ratio	Lower	Upper
117	100		
82	59.7	42.2	63.2
119	32.7	25.8	38.6



#70
Styrene
Concen: 2.51 ug/l
RT: 11.644 min Scan# 3693
Delta R.T. -0.274 min
Lab File: VN067190.D
Acq: 28 May 2021 17:59

Tgt Ion:	104	Resp:	91
Ion	Ratio	Lower	Upper
104	100		
78	59.3	37.7	56.5#
103	0.0	44.2	66.4#

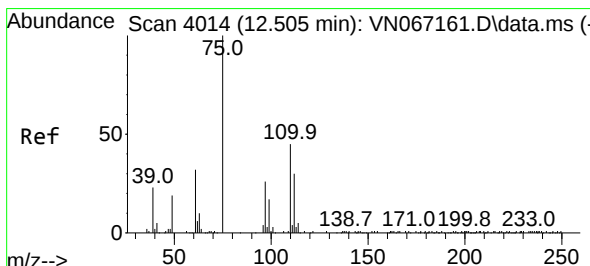
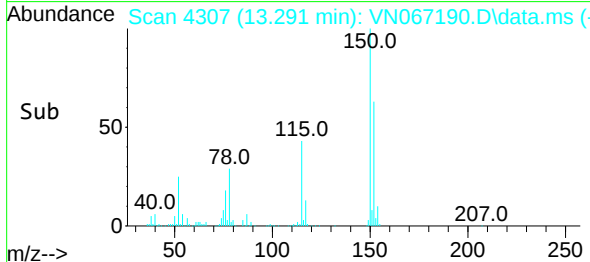
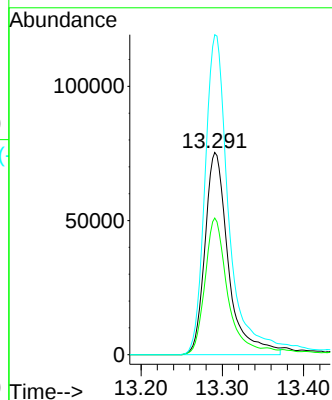
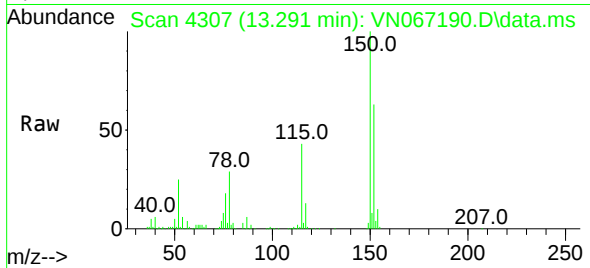




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.291 min Scan# 4307
 Delta R.T. -0.005 min
 Lab File: VN067190.D
 Acq: 28 May 2021 17:59

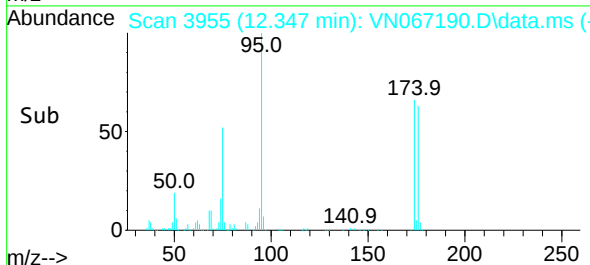
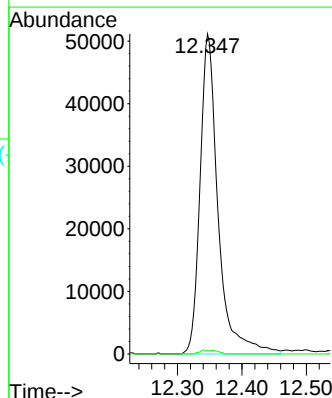
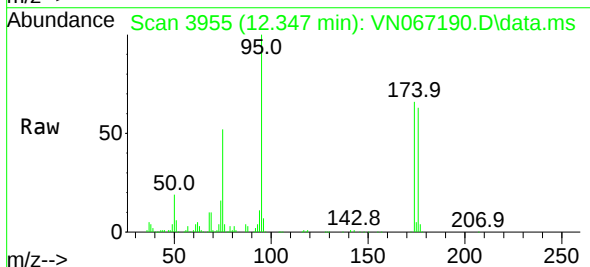
Instrument :
 MSVOA_N
 ClientSampleId :
 PB136697ZHE#07

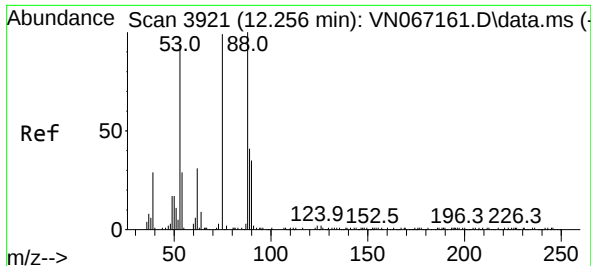
Tgt Ion:152 Resp: 151667
 Ion Ratio Lower Upper
 152 100
 115 64.3 27.0 80.8
 150 164.9 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 23.53 ug/l
 RT: 12.347 min Scan# 3955
 Delta R.T. -0.158 min
 Lab File: VN067190.D
 Acq: 28 May 2021 17:59

Tgt Ion: 75 Resp: 99346
 Ion Ratio Lower Upper
 75 100
 77 0.5 0.0 0.0#

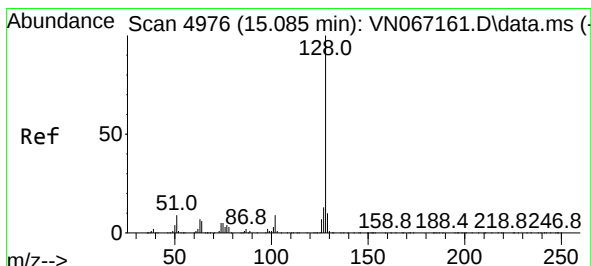
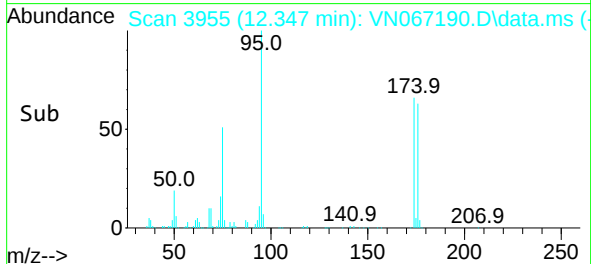
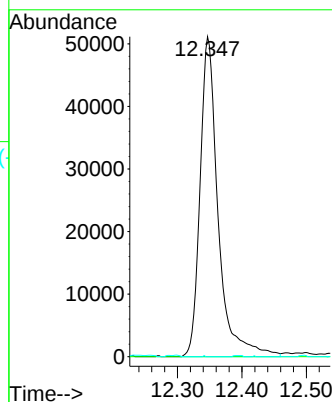
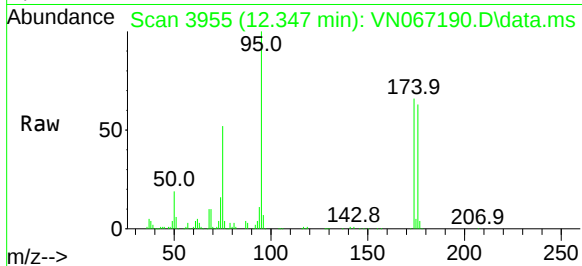




#81
trans-1,4-Dichloro-2-butene
Concen: 66.73 ug/l
RT: 12.347 min Scan# 3955
Delta R.T. 0.091 min
Lab File: VN067190.D
Acq: 28 May 2021 17:59

Instrument :
MSVOA_N
ClientSampleId :
PB136697ZHE#07

Tgt Ion: 75 Resp: 99346
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 3.89 ug/l
RT: 15.114 min Scan# 4987
Delta R.T. 0.029 min
Lab File: VN067190.D
Acq: 28 May 2021 17:59

Tgt Ion: 128 Resp: 203
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

