

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072621\
 Data File : VN067903.D
 Acq On : 26 Jul 2021 13:35
 Operator : JC/MD
 Sample : M3094-02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 26 14:09:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

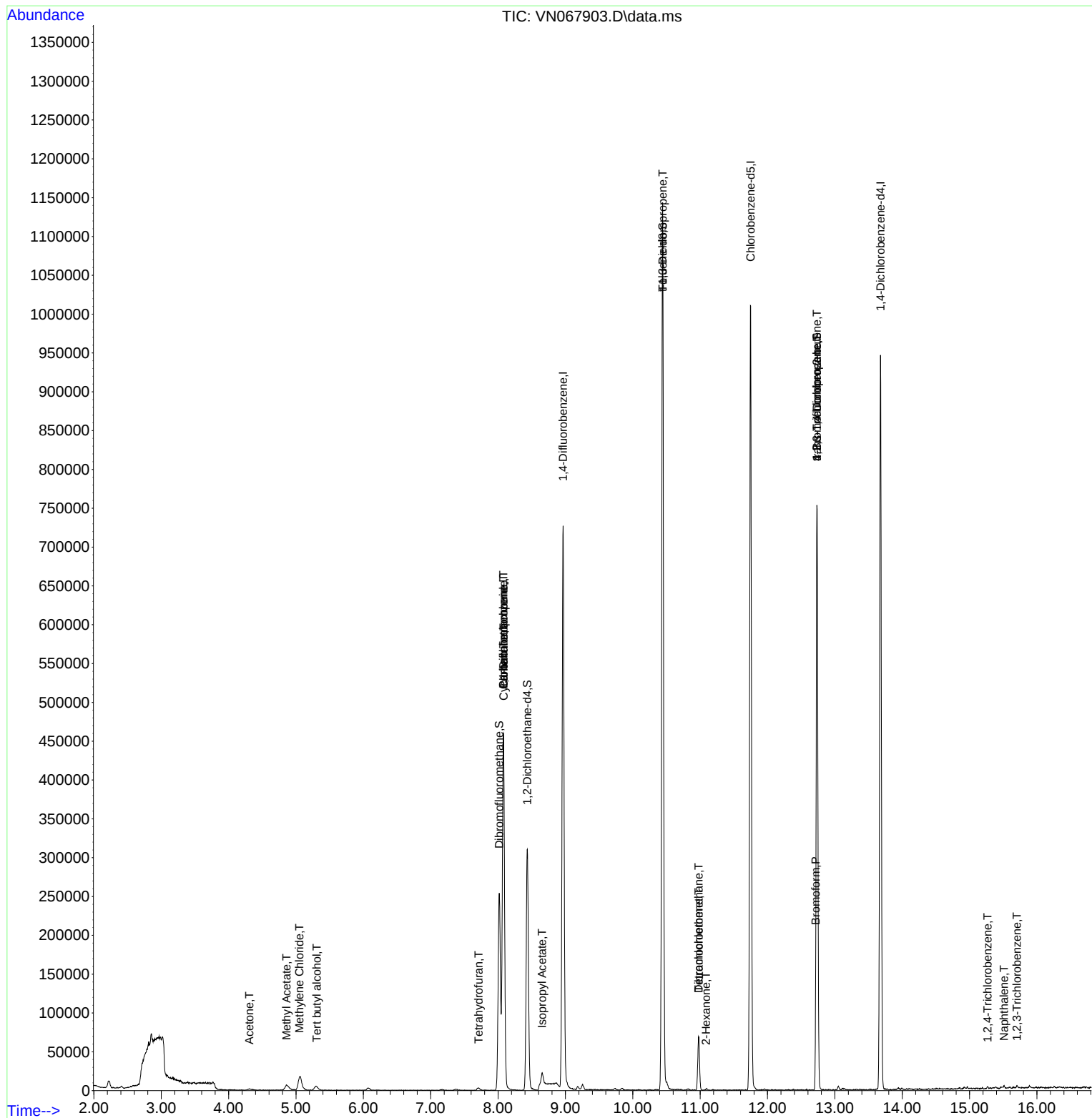
Internal Standards						
1) Pentafluorobenzene	8.080	168	331669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	633981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	583679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	238242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	264353	52.738	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	105.480%	
35) Dibromofluoromethane	8.016	113	186998	48.820	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	97.640%	
50) Toluene-d8	10.443	98	799332	49.856	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	99.720%	
62) 4-Bromofluorobenzene	12.734	95	261988	46.257	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	92.520%	
Target Compounds						
						Qvalue
5) Bromomethane	2.813	94	937	Below Cal		93
6) Chloroethane	3.003	64	163	Below Cal	#	44
7) Trichlorofluoromethane	3.282	101	53	Below Cal	#	72
11) Tert butyl alcohol	5.307	59	2157	2.995	ug/l #	71
13) Acrolein	4.039	56	81	Below Cal	#	14
16) Acetone	4.309	43	1491	0.945	ug/l #	88
18) Methyl Acetate	4.857	43	17319	3.909	ug/l	98
20) Methylene Chloride	5.050	84	6704	1.141	ug/l	89
29) Tetrahydrofuran	7.710	42	2401	1.394	ug/l #	78
31) Cyclohexane	8.083	56	8840	1.258	ug/l #	20
36) 1,1-Dichloropropene	8.080	75	29817	5.063	ug/l #	51
38) Carbon Tetrachloride	8.078	117	36912	6.354	ug/l #	17
43) Isopropyl Acetate	8.654	43	12535	1.249	ug/l #	58
53) t-1,3-Dichloropropene	10.443	75	133	1.762	ug/l #	1
59) 2-Hexanone	11.087	43	1795	0.417	ug/l	68
60) Dibromochloromethane	10.980	129	14817	4.956	ug/l #	11
64) Tetrachloroethene	10.977	164	14438	3.504	ug/l	98
71) Bromoform	12.715	173	225	3.232	ug/l #	1
76) 1,2,3-Trichloropropane	12.734	75	147464	30.309	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	147464	97.720	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.268	180	570	2.810	ug/l #	66
95) Naphthalene	15.512	128	3288	3.277	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.703	180	662	2.797	ug/l #	45

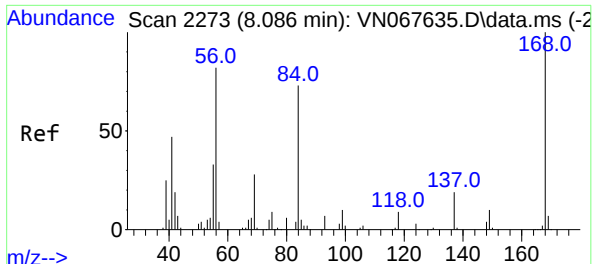
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :

Quant Time: Jul 26 14:09:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 07 16:18:53 2021
Response via : Initial Calibration

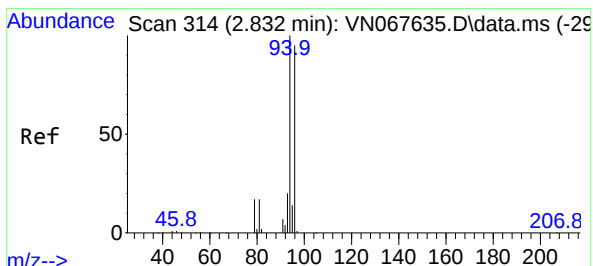
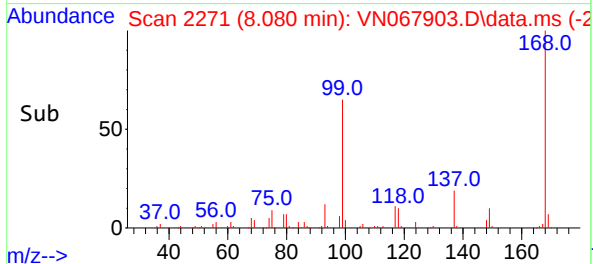
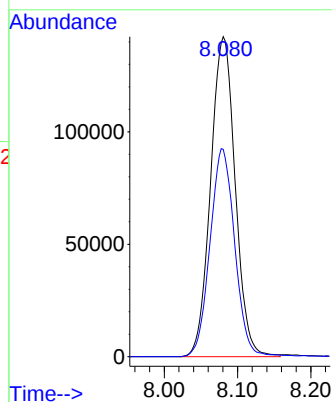
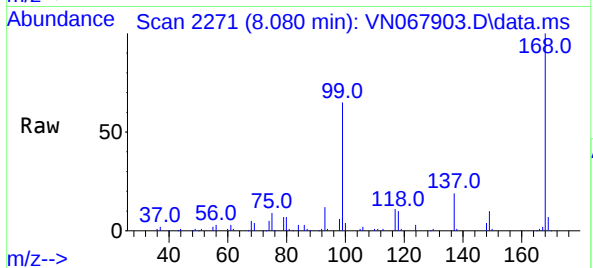




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.006 min
Lab File: VN067903.D
Acq: 26 Jul 2021 13:35

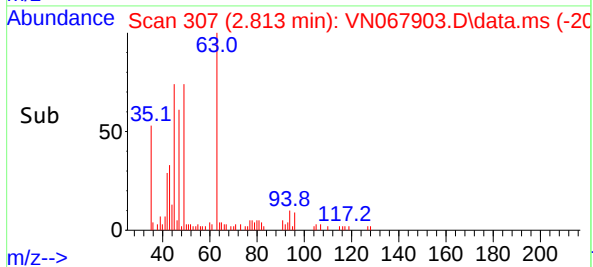
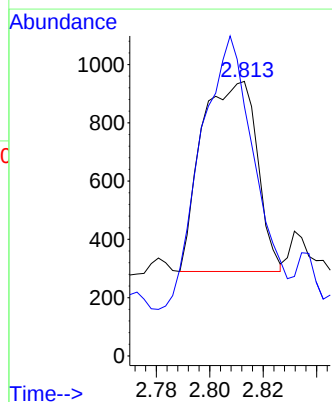
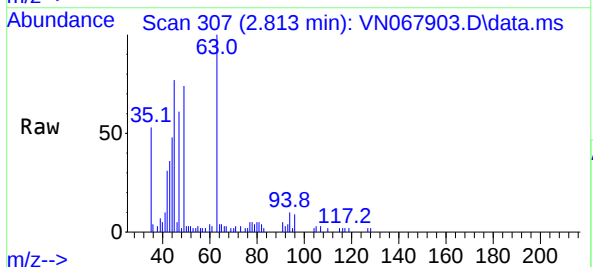
Instrument :
MSVOA_N
ClientSampleId :

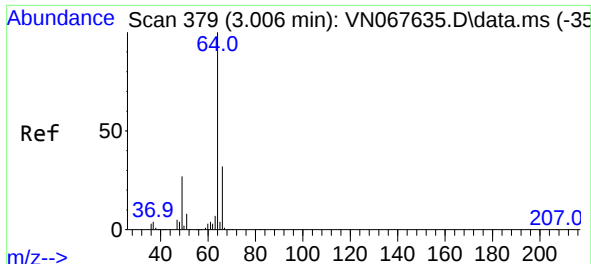
Tgt Ion:168 Resp: 331669
Ion Ratio Lower Upper
168 100
99 64.8 62.9 94.3



#5
Bromomethane
Concen: Below Cal
RT: 2.813 min Scan# 307
Delta R.T. -0.019 min
Lab File: VN067903.D
Acq: 26 Jul 2021 13:35

Tgt Ion: 94 Resp: 937
Ion Ratio Lower Upper
94 100
96 85.6 73.7 110.5

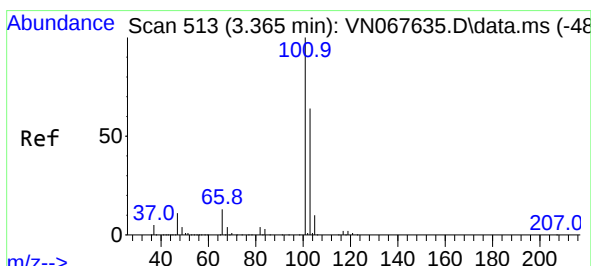
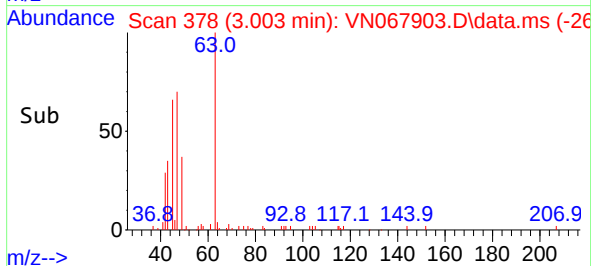
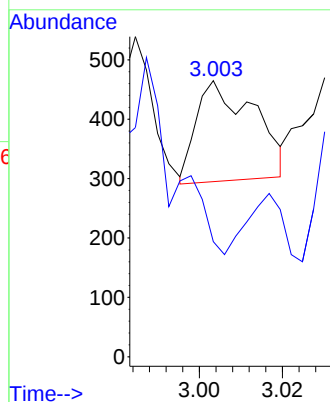
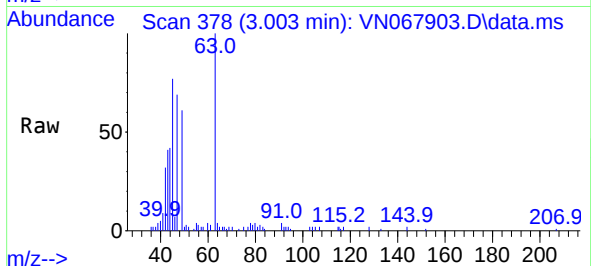




#6
Chloroethane
Concen: Below Cal
RT: 3.003 min Scan# 378
Delta R.T. -0.003 min
Lab File: VN067903.D
Acq: 26 Jul 2021 13:35

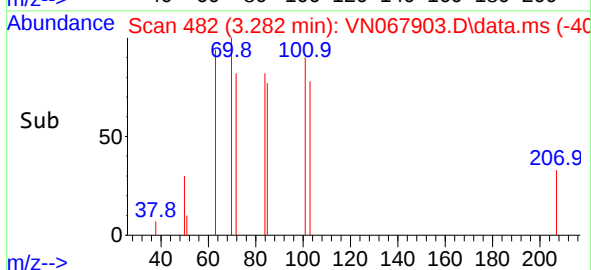
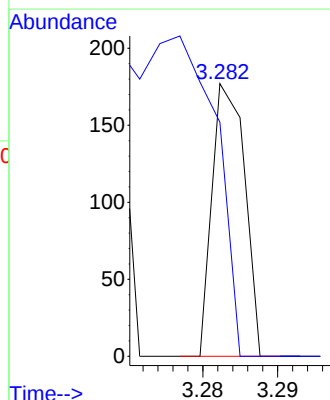
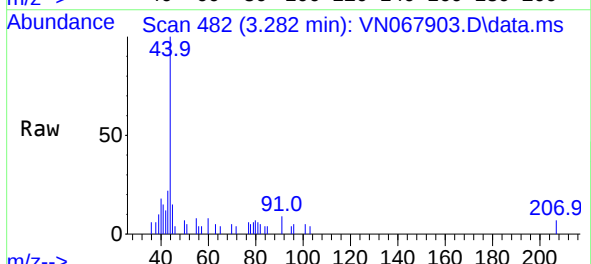
Instrument :
MSVOA_N
ClientSampled :

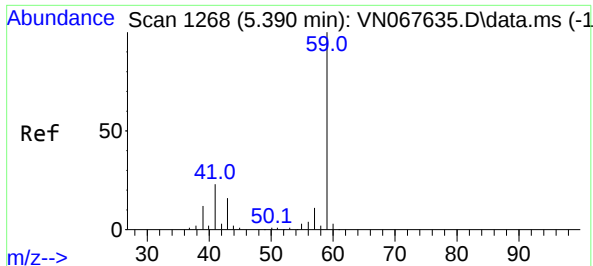
Tgt Ion: 64 Resp: 163
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.282 min Scan# 482
Delta R.T. -0.083 min
Lab File: VN067903.D
Acq: 26 Jul 2021 13:35

Tgt Ion: 101 Resp: 53
Ion Ratio Lower Upper
101 100
103 85.9 51.2 76.8#

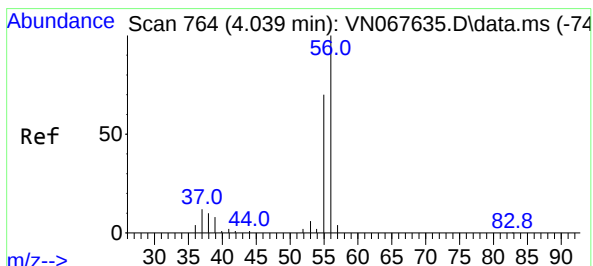
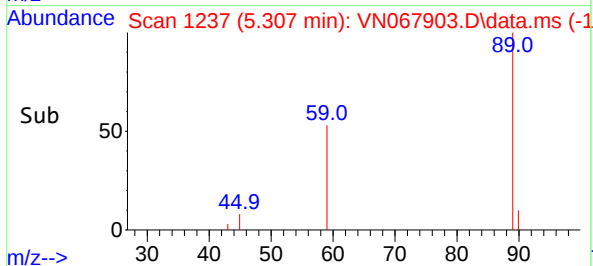
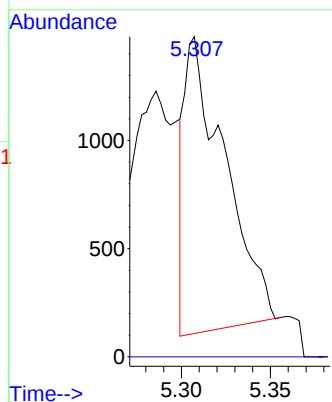
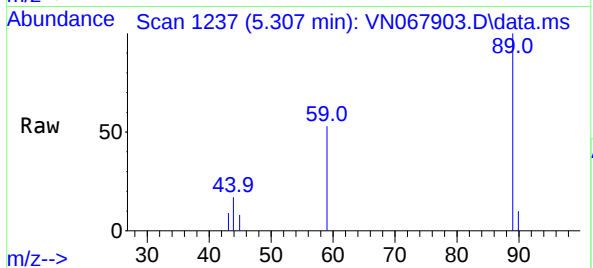




#11
Tert butyl alcohol
Concen: 2.995 ug/l
RT: 5.307 min Scan# 1237
Delta R.T. -0.083 min
Lab File: VN067903.D
Acq: 26 Jul 2021 13:35

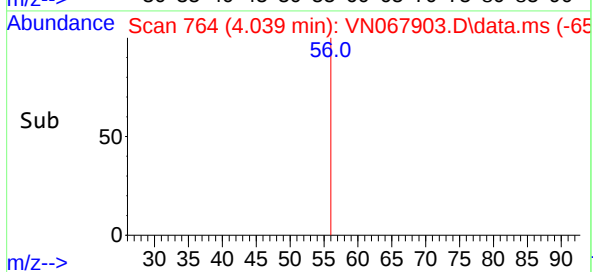
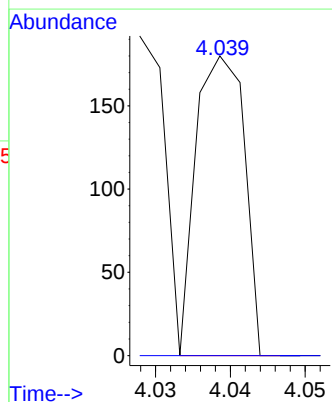
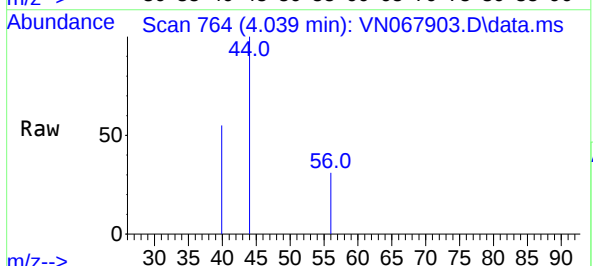
Instrument :
MSVOA_N
ClientSampled :

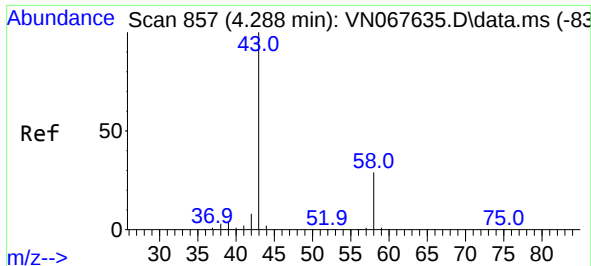
Tgt Ion: 59 Resp: 2157
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: Below Cal
RT: 4.039 min Scan# 764
Delta R.T. -0.000 min
Lab File: VN067903.D
Acq: 26 Jul 2021 13:35

Tgt Ion: 56 Resp: 81
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#

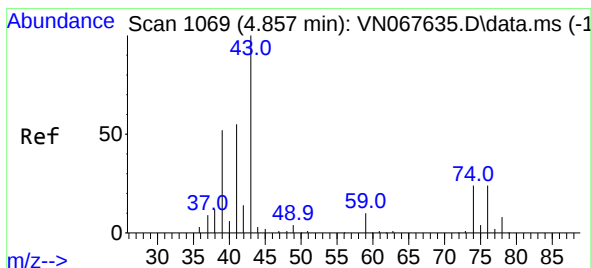
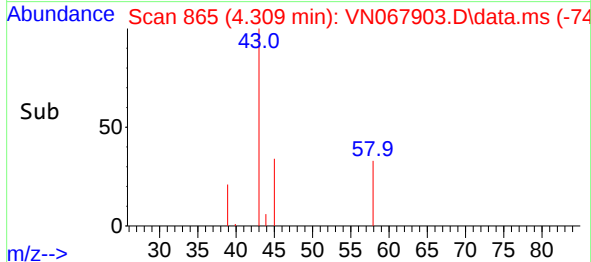
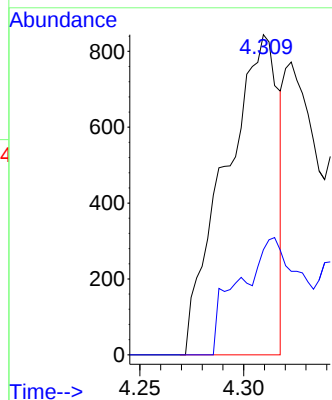
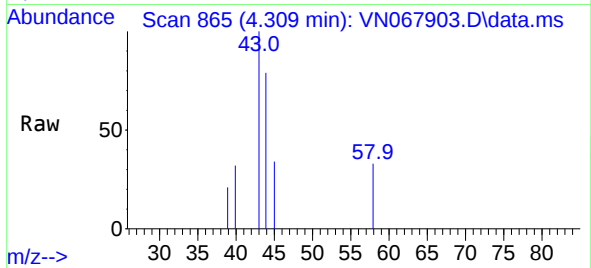




#16
Acetone
Concen: 0.945 ug/l
RT: 4.309 min Scan# 865
Delta R.T. 0.021 min
Lab File: VN067903.D
Acq: 26 Jul 2021 13:35

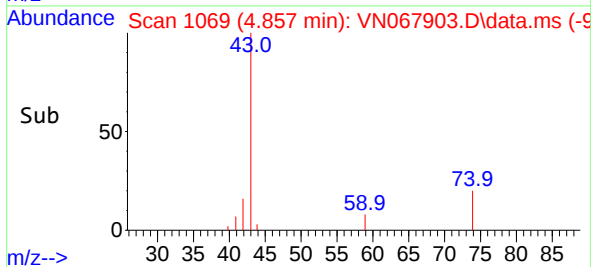
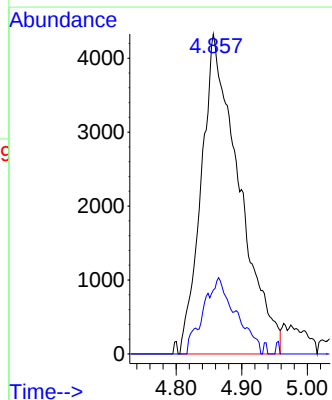
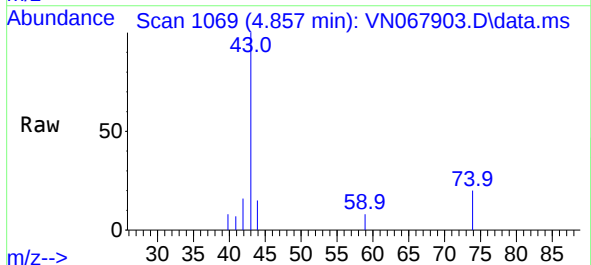
Instrument :
MSVOA_N
ClientSampled :

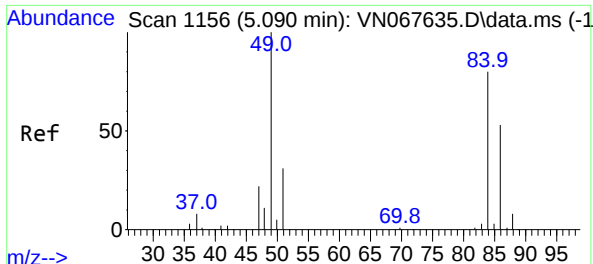
Tgt Ion: 43 Resp: 1491
Ion Ratio Lower Upper
43 100
58 32.8 21.2 31.8#



#18
Methyl Acetate
Concen: 3.909 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN067903.D
Acq: 26 Jul 2021 13:35

Tgt Ion: 43 Resp: 17319
Ion Ratio Lower Upper
43 100
74 20.6 17.4 26.0





#20

Methylene Chloride

Concen: 1.141 ug/l

RT: 5.050 min Scan# 1141

Delta R.T. -0.040 min

Lab File: VN067903.D

Acq: 26 Jul 2021 13:35

Tgt Ion: 84 Resp: 6704

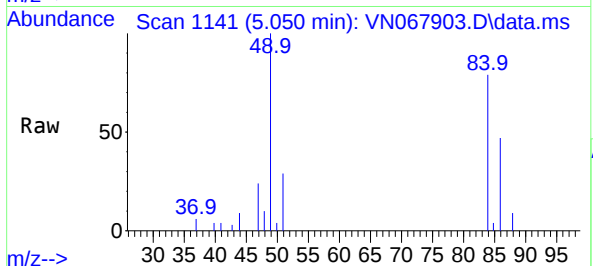
Ion Ratio Lower Upper

84 100

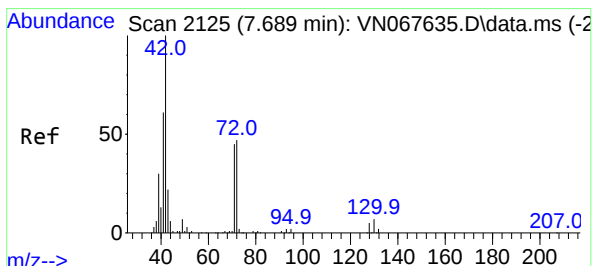
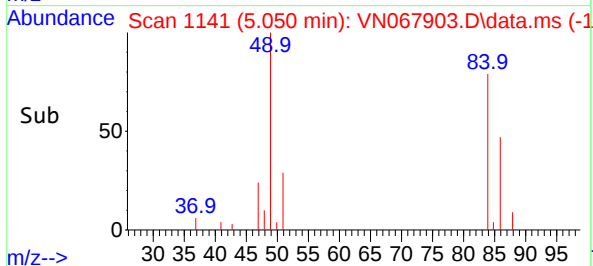
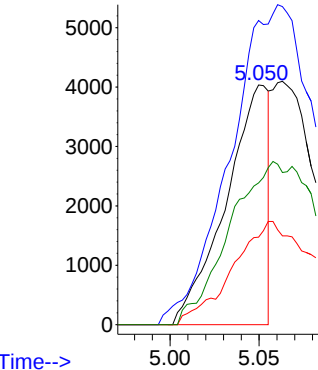
49 121.2 110.9 166.3

51 36.5 32.6 49.0

86 59.2 51.6 77.4



Abundance



#29

Tetrahydrofuran

Concen: 1.394 ug/l

RT: 7.710 min Scan# 2133

Delta R.T. 0.021 min

Lab File: VN067903.D

Acq: 26 Jul 2021 13:35

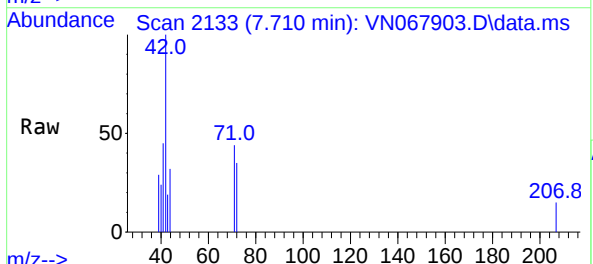
Tgt Ion: 42 Resp: 2401

Ion Ratio Lower Upper

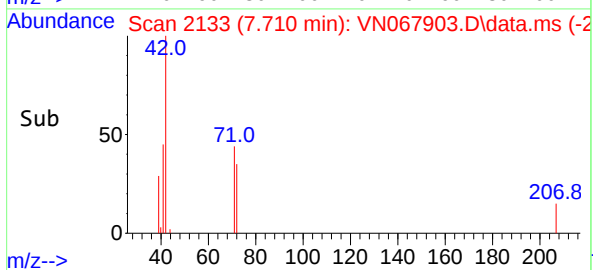
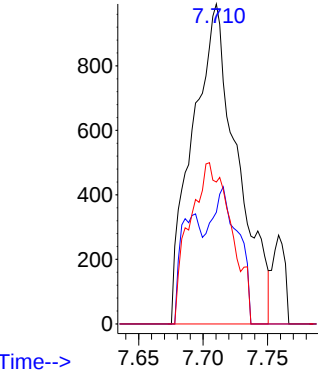
42 100

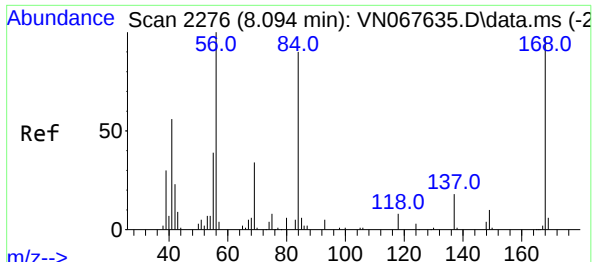
72 21.1 32.8 49.2#

71 46.5 31.2 46.8



Abundance

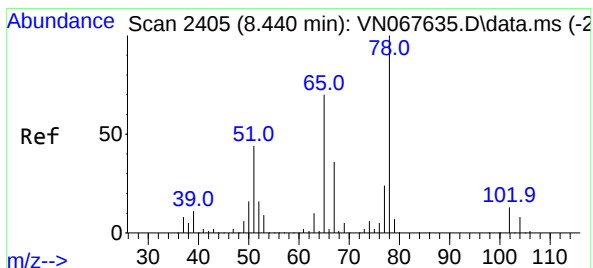
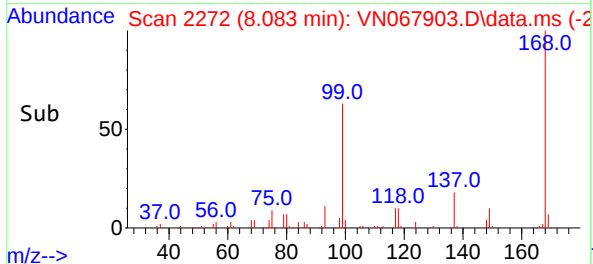
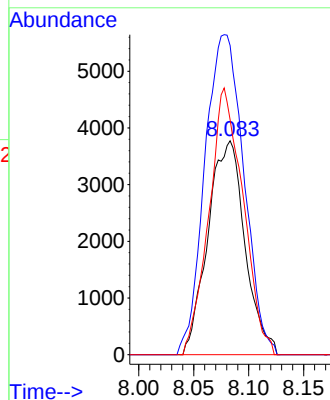
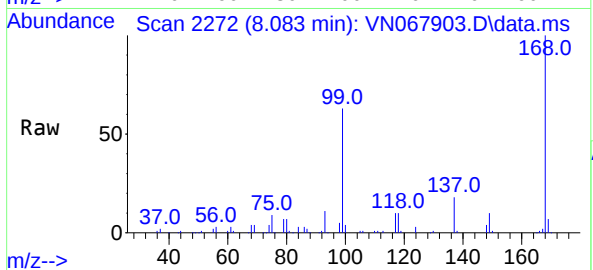




#31
Cyclohexane
Concen: 1.258 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN067903.D
Acq: 26 Jul 2021 13:35

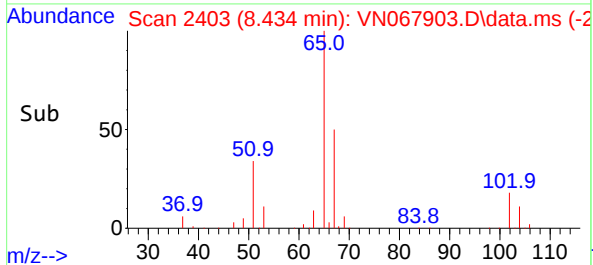
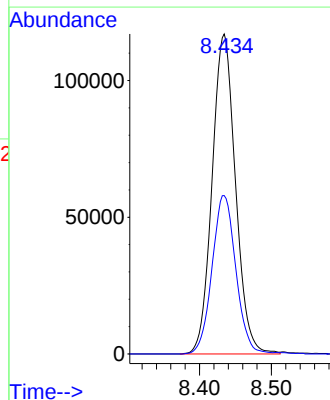
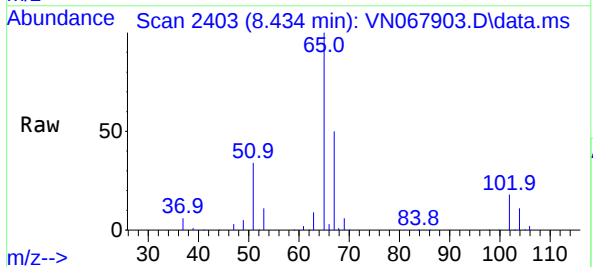
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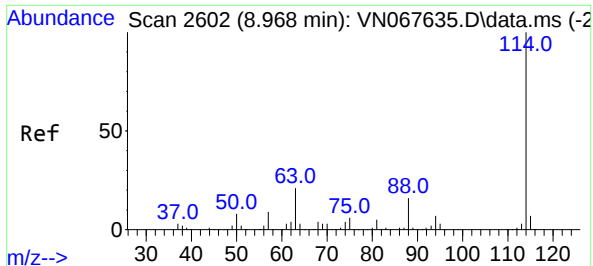
Tgt Ion: 56 Resp: 8840
Ion Ratio Lower Upper
56 100
69 144.5 27.3 40.9#
84 109.8 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 52.738 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.006 min
Lab File: VN067903.D
Acq: 26 Jul 2021 13:35

Tgt Ion: 65 Resp: 264353
Ion Ratio Lower Upper
65 100
67 50.3 0.0 98.6

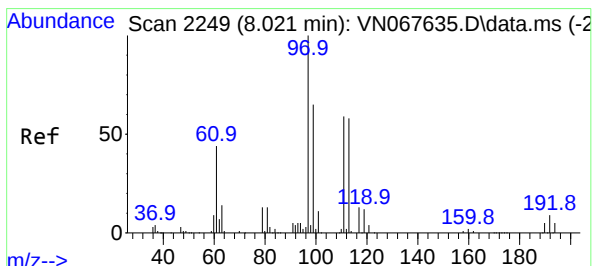
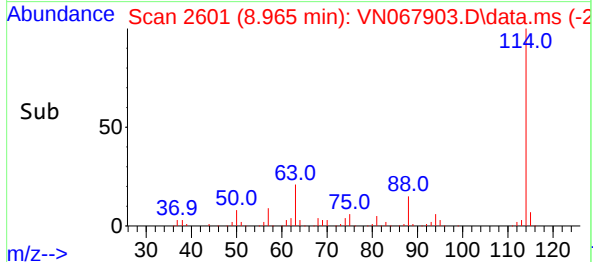
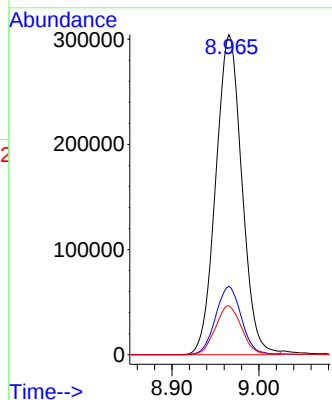
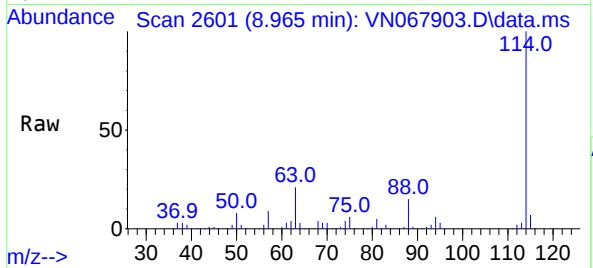




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN067903.D
Acq: 26 Jul 2021 13:35

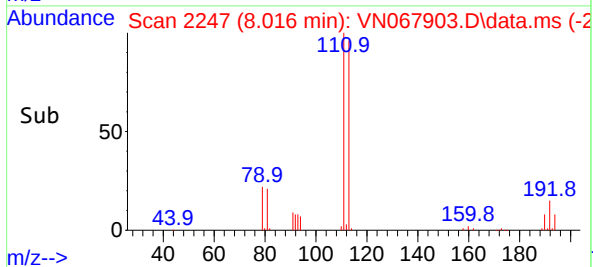
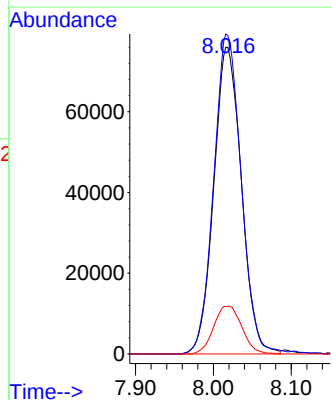
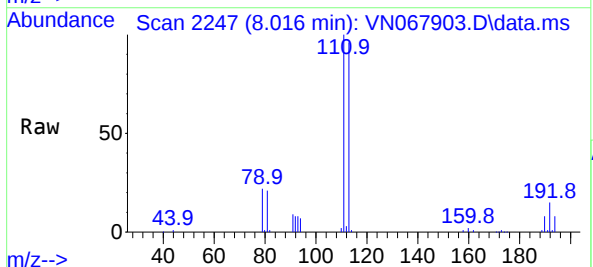
Instrument :
MSVOA_N
ClientSampled :

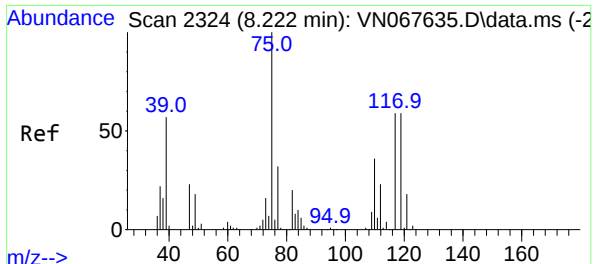
Tgt	Ion:114	Resp:	633981
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	49.0
88	15.3	0.0	36.6



#35
Dibromofluoromethane
Concen: 48.820 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.005 min
Lab File: VN067903.D
Acq: 26 Jul 2021 13:35

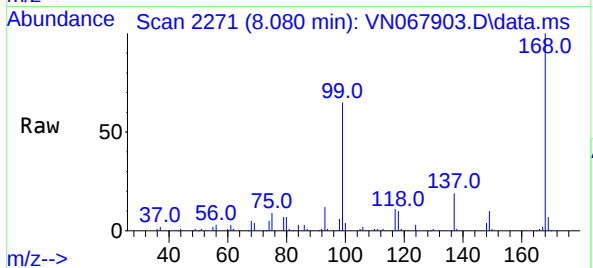
Tgt	Ion:113	Resp:	186998
Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.8	125.8
192	16.0	13.4	20.0



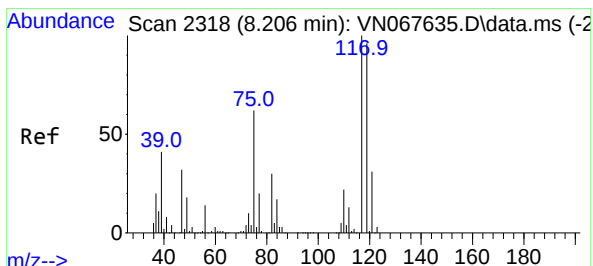
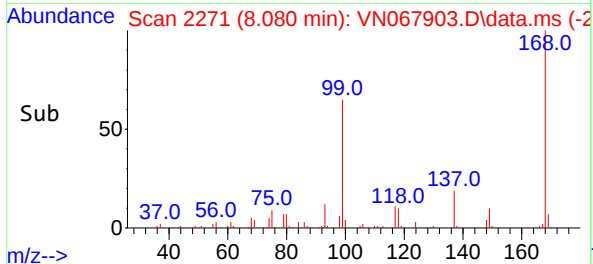
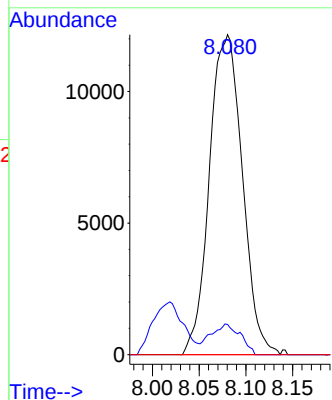


#36
1,1-Dichloropropene
Concen: 5.063 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.142 min
Lab File: VN067903.D
Acq: 26 Jul 2021 13:35

Instrument :
MSVOA_N
ClientSampled :

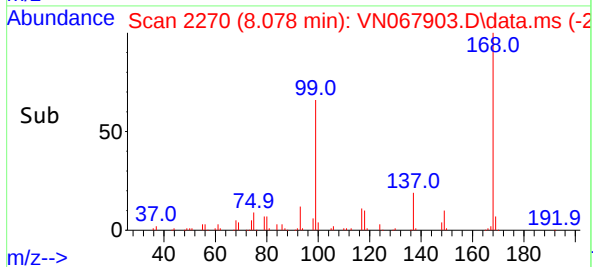
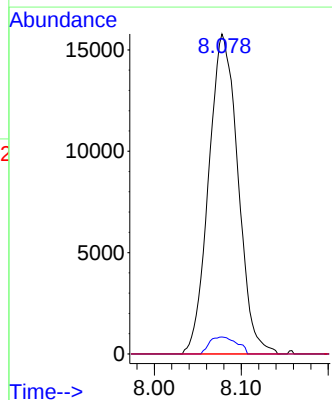
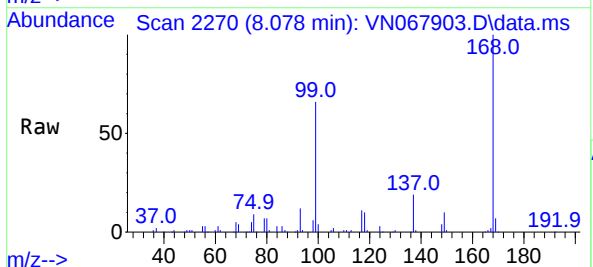


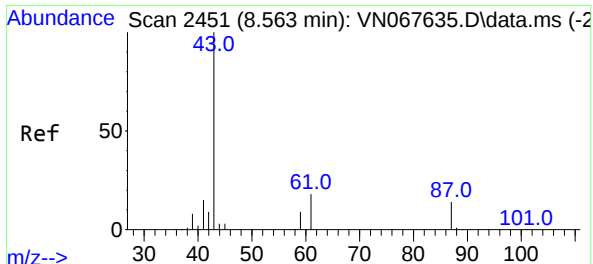
Tgt Ion: 75 Resp: 29817
Ion Ratio Lower Upper
75 100
110 8.7 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.354 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.128 min
Lab File: VN067903.D
Acq: 26 Jul 2021 13:35

Tgt Ion: 117 Resp: 36912
Ion Ratio Lower Upper
117 100
119 5.3 75.4 113.2#
121 0.0 23.5 35.3#

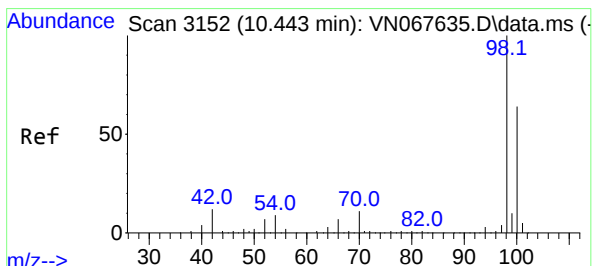
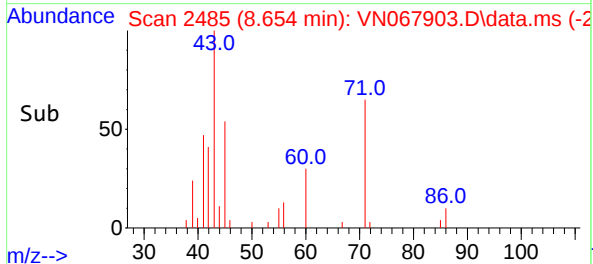
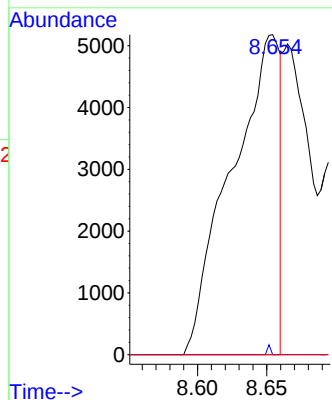
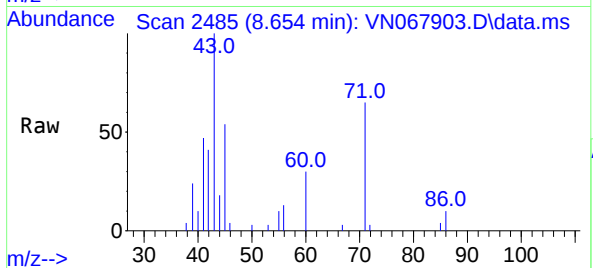




#43
Isopropyl Acetate
Concen: 1.249 ug/l
RT: 8.654 min Scan# 2485
Delta R.T. 0.091 min
Lab File: VN067903.D
Acq: 26 Jul 2021 13:35

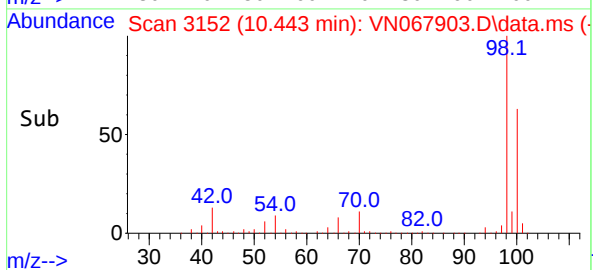
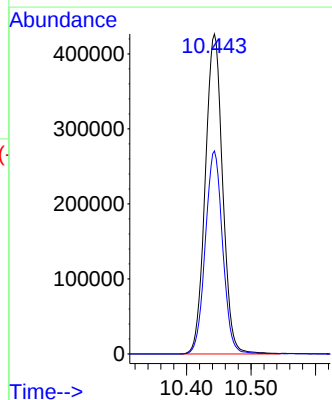
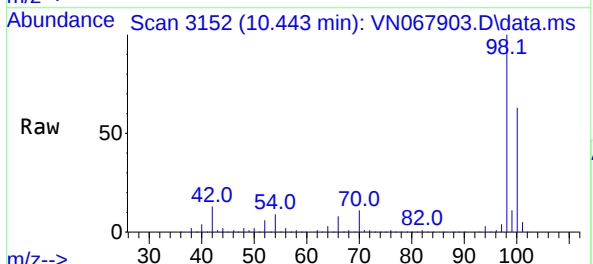
Instrument :
MSVOA_N
ClientSampled :

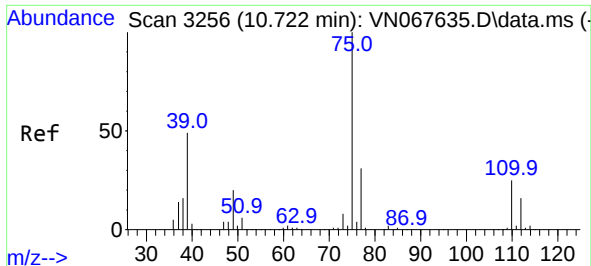
Tgt Ion: 43 Resp: 12535
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#



#50
Toluene-d8
Concen: 49.856 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067903.D
Acq: 26 Jul 2021 13:35

Tgt Ion: 98 Resp: 799332
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5

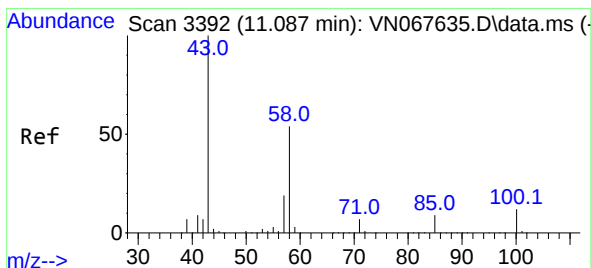
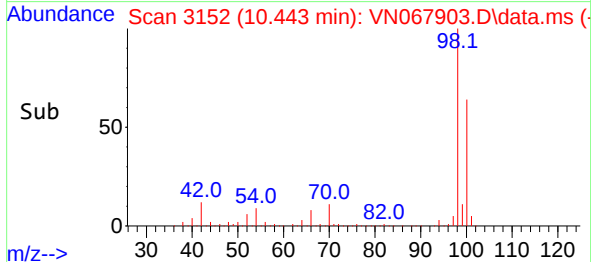
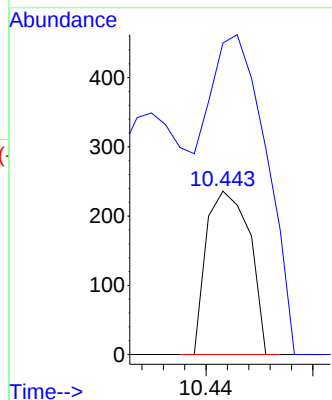
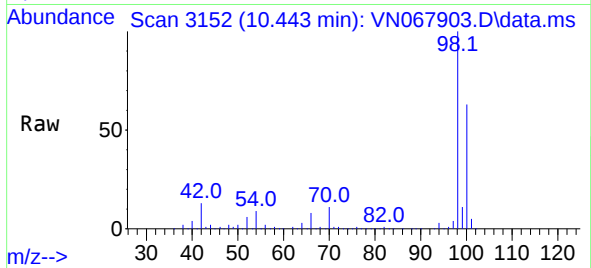




#53
t-1,3-Dichloropropene
Concen: 1.762 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.279 min
Lab File: VN067903.D
Acq: 26 Jul 2021 13:35

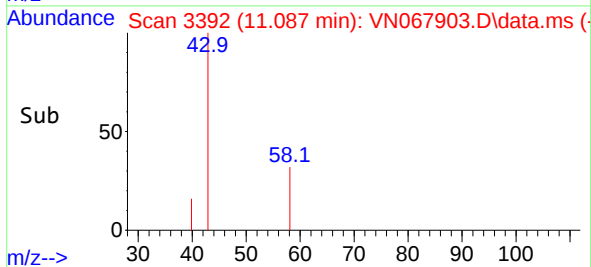
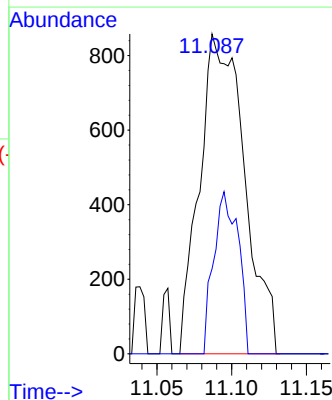
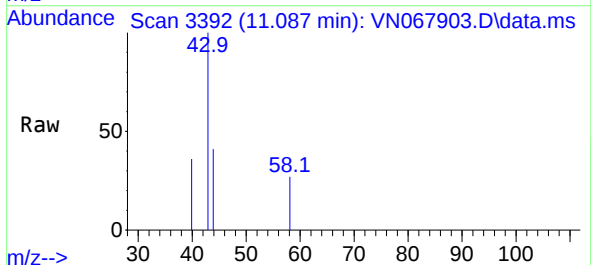
Instrument :
MSVOA_N
ClientSampled :

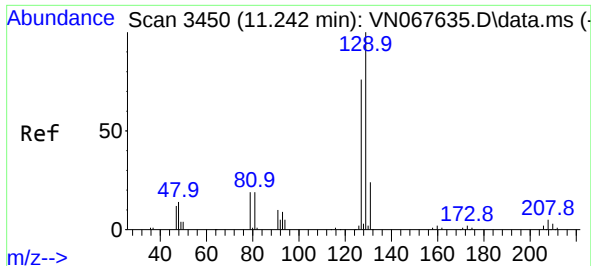
Tgt Ion: 75 Resp: 133
Ion Ratio Lower Upper
75 100
77 114.4 25.1 37.7#



#59
2-Hexanone
Concen: 0.417 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN067903.D
Acq: 26 Jul 2021 13:35

Tgt Ion: 43 Resp: 1795
Ion Ratio Lower Upper
43 100
58 27.6 24.7 74.1

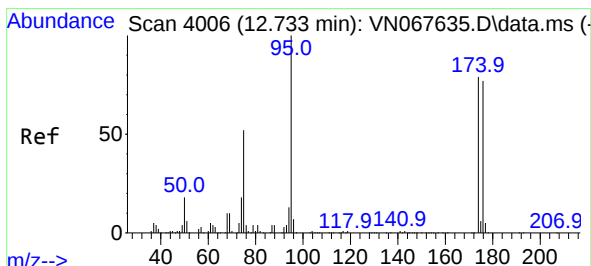
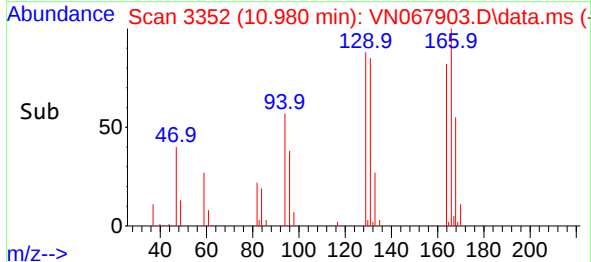
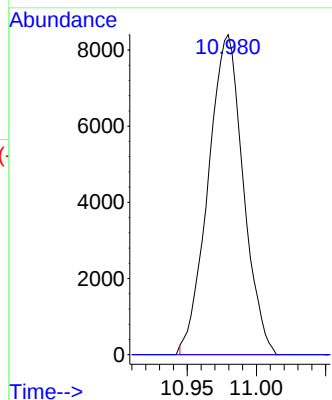
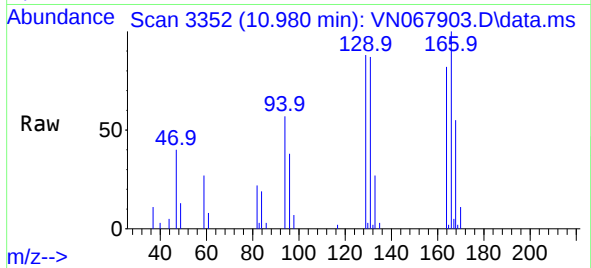




#60
Dibromochloromethane
Concen: 4.956 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. -0.262 min
Lab File: VN067903.D
Acq: 26 Jul 2021 13:35

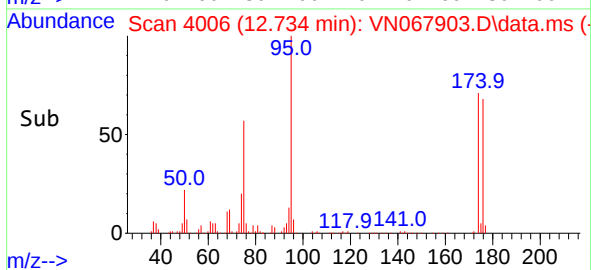
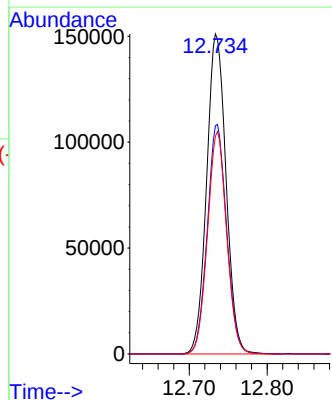
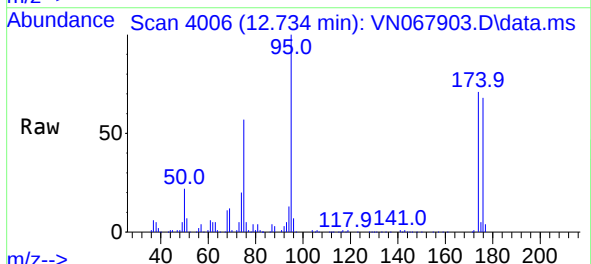
Instrument :
MSVOA_N
ClientSampled :

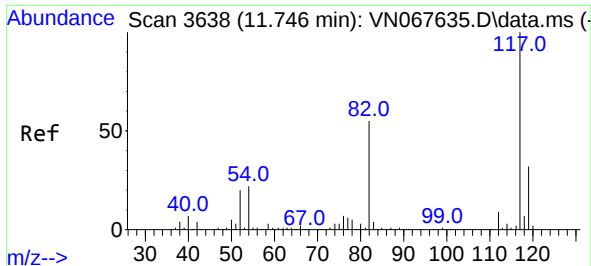
Tgt Ion:129 Resp: 14817
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 46.257 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067903.D
Acq: 26 Jul 2021 13:35

Tgt Ion: 95 Resp: 261988
Ion Ratio Lower Upper
95 100
174 71.6 0.0 122.0
176 68.4 0.0 117.6

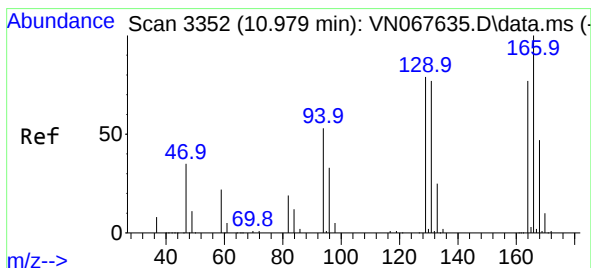
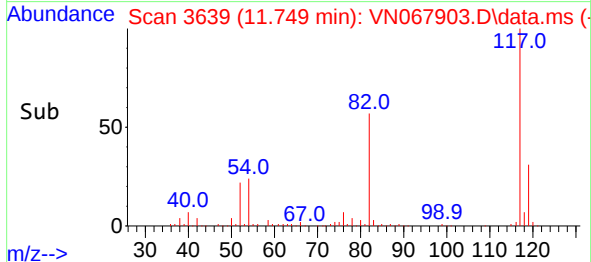
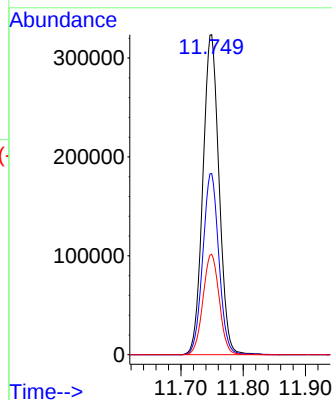
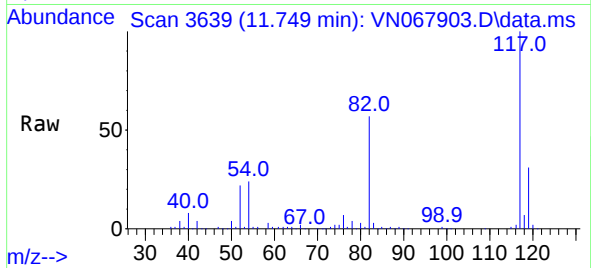




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067903.D
Acq: 26 Jul 2021 13:35

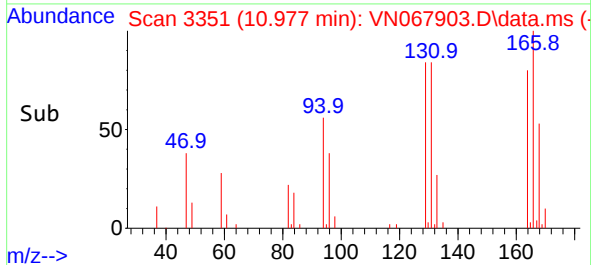
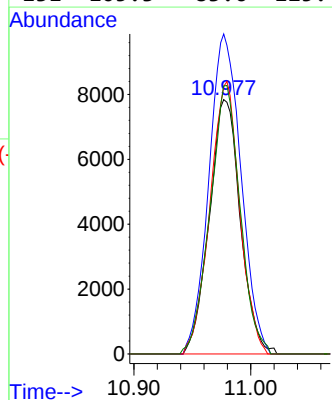
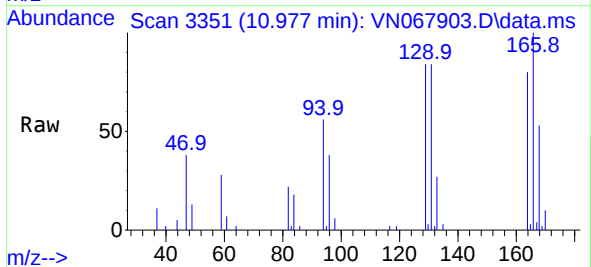
Instrument :
MSVOA_N
ClientSampled :

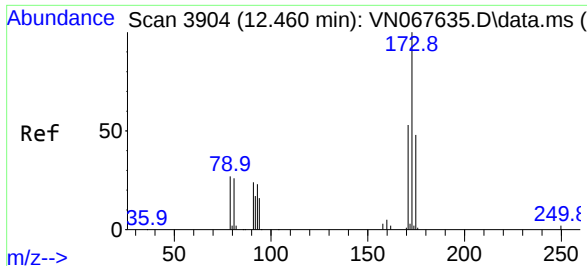
Tgt Ion:117 Resp: 583679
Ion Ratio Lower Upper
117 100
82 56.6 53.1 79.7
119 31.4 25.5 38.3



#64
Tetrachloroethene
Concen: 3.504 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN067903.D
Acq: 26 Jul 2021 13:35

Tgt Ion:164 Resp: 14438
Ion Ratio Lower Upper
164 100
166 125.8 102.1 153.1
129 105.1 86.9 130.3
131 105.3 83.6 125.4

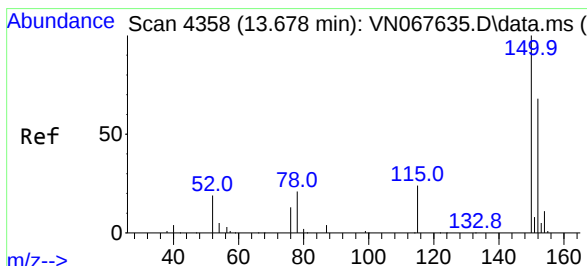
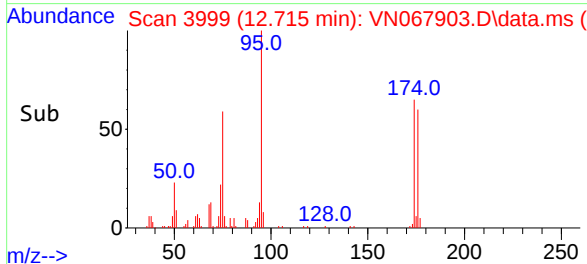
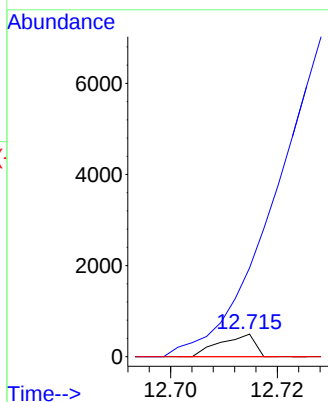
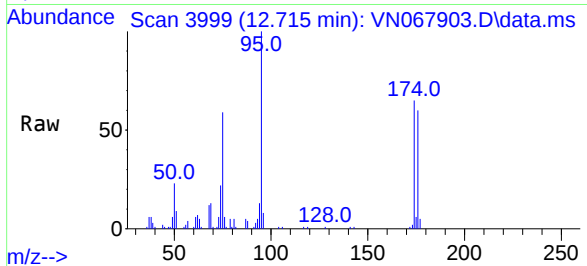




#71
Bromoform
Concen: 3.232 ug/l
RT: 12.715 min Scan# 3999
Delta R.T. 0.255 min
Lab File: VN067903.D
Acq: 26 Jul 2021 13:35

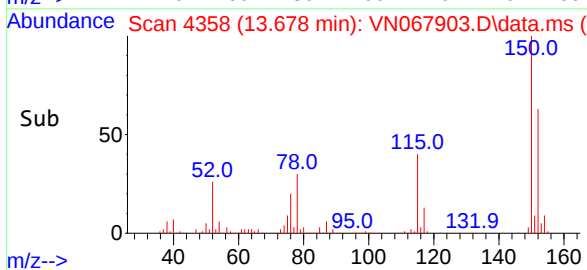
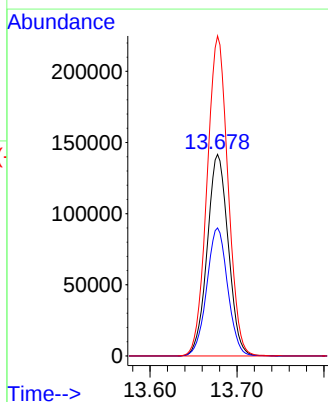
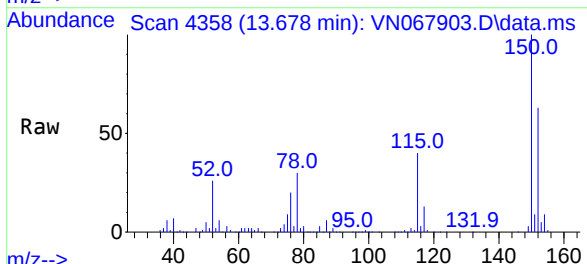
Instrument :
MSVOA_N
ClientSampled :

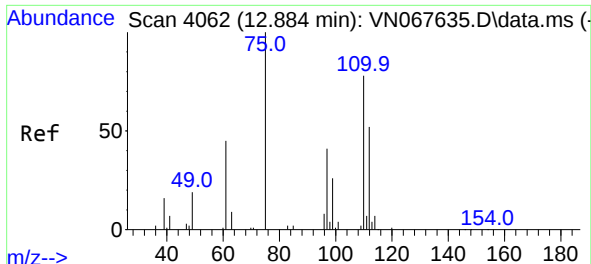
Tgt Ion:173 Resp: 225
Ion Ratio Lower Upper
173 100
175 5938.2 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN067903.D
Acq: 26 Jul 2021 13:35

Tgt Ion:152 Resp: 238242
Ion Ratio Lower Upper
152 100
115 63.2 36.1 108.5
150 158.0 0.0 351.8

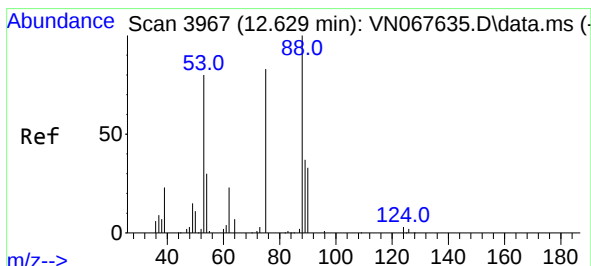
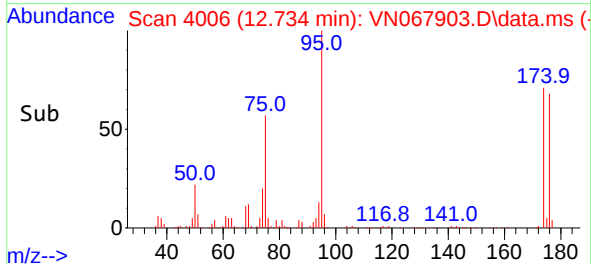
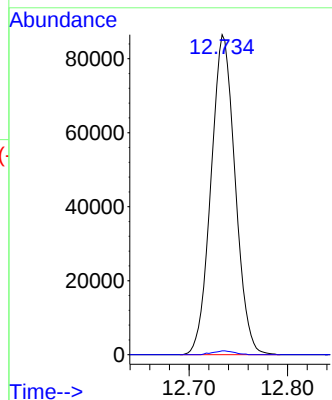
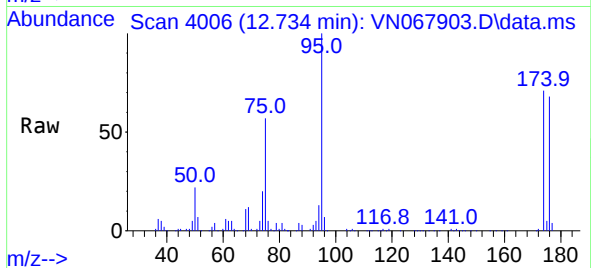




#76
1,2,3-Trichloropropane
Concen: 30.309 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN067903.D
Acq: 26 Jul 2021 13:35

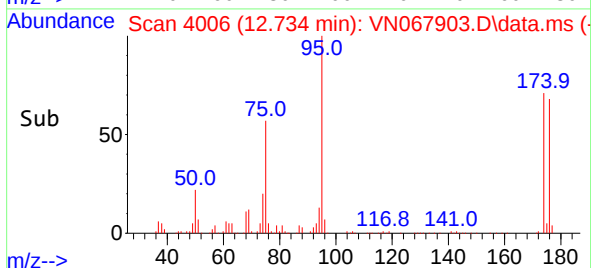
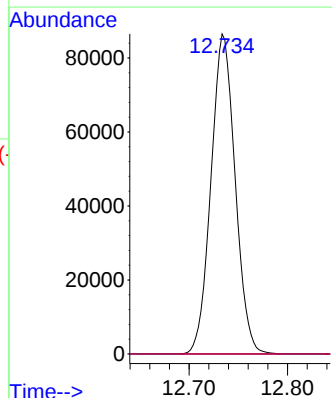
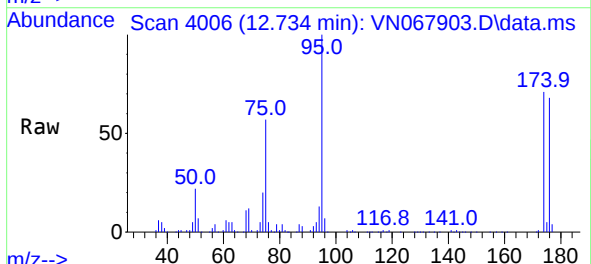
Instrument :
MSVOA_N
ClientSampled :

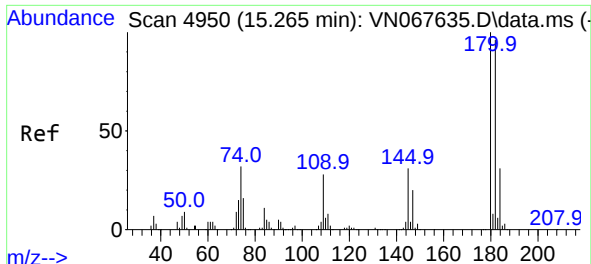
Tgt Ion: 75 Resp: 147464
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.720 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN067903.D
Acq: 26 Jul 2021 13:35

Tgt Ion: 75 Resp: 147464
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#

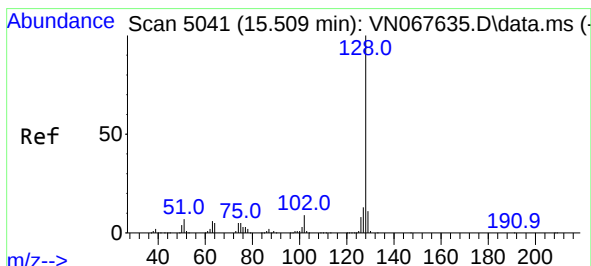
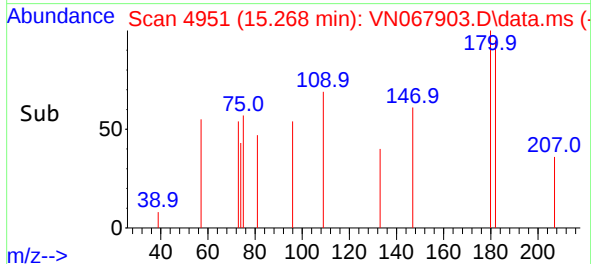
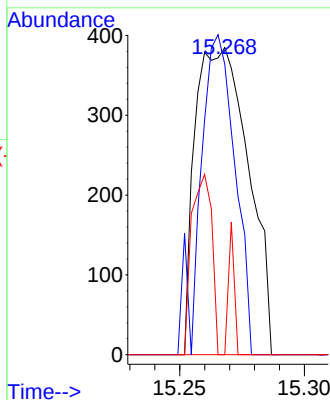
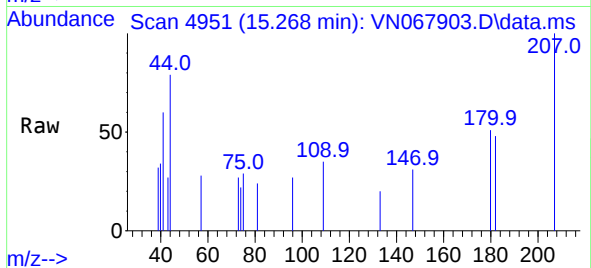




#93
1,2,4-Trichlorobenzene
Concen: 2.810 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN067903.D
Acq: 26 Jul 2021 13:35

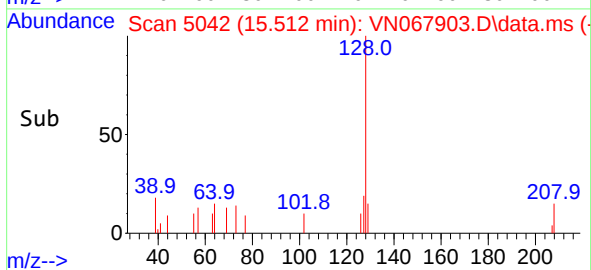
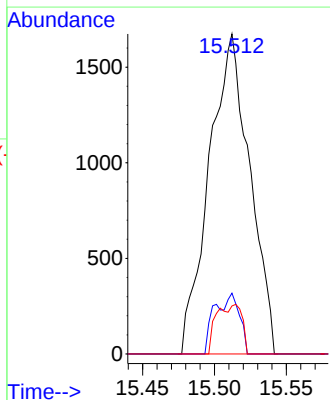
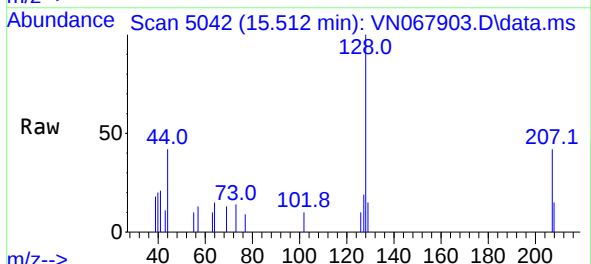
Instrument :
MSVOA_N
ClientSampled :

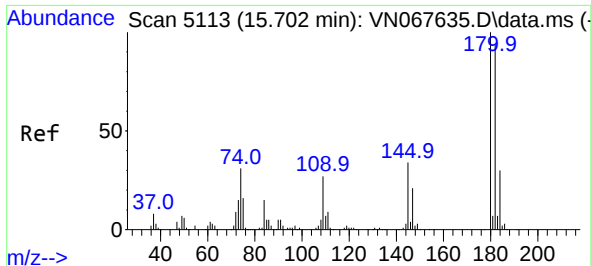
Tgt Ion:180 Resp: 570
Ion Ratio Lower Upper
180 100
182 67.9 47.5 142.5
145 4.7 17.2 51.6#



#95
Naphthalene
Concen: 3.277 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.003 min
Lab File: VN067903.D
Acq: 26 Jul 2021 13:35

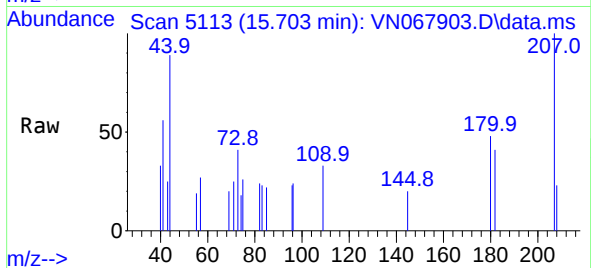
Tgt Ion:128 Resp: 3288
Ion Ratio Lower Upper
128 100
127 6.0 10.6 15.8#
129 9.7 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 2.797 ug/l
 RT: 15.703 min Scan# 5113
 Delta R.T. 0.001 min
 Lab File: VN067903.D
 Acq: 26 Jul 2021 13:35

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 662
 Ion Ratio Lower Upper
 180 100
 182 39.1 47.8 143.3#
 145 8.3 18.2 54.6#

