

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072121\
 Data File : VN067835.D
 Acq On : 21 Jul 2021 13:47
 Operator : JC/MD
 Sample : M3072-01
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

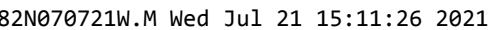
Quant Time: Jul 21 15:11:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

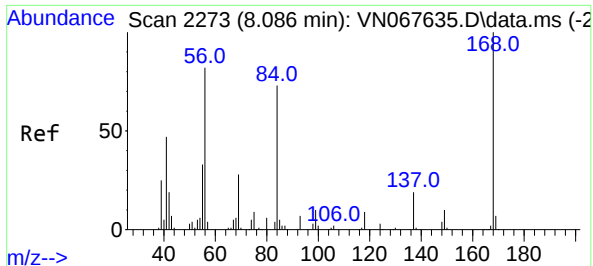
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.080	168	333826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	633585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	574115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	239815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	259505	51.437	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.880%
35) Dibromofluoromethane	8.019	113	186342	48.679	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.360%
50) Toluene-d8	10.443	98	785432	49.019	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.040%
62) 4-Bromofluorobenzene	12.736	95	265816	46.962	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.920%
Target Compounds						
					Qvalue	
5) Bromomethane	2.850	94	214	Below Cal	#	37
11) Tert butyl alcohol	5.296	59	228	0.314	ug/l #	71
13) Acrolein	4.044	56	283	Below Cal		91
16) Acetone	4.307	43	1318	0.830	ug/l #	48
18) Methyl Acetate	4.859	43	10079	2.260	ug/l	96
20) Methylene Chloride	5.060	84	3552	0.266	ug/l #	70
29) Tetrahydrofuran	7.697	42	1062	0.613	ug/l #	79
31) Cyclohexane	8.078	56	9021	1.275	ug/l #	28
36) 1,1-Dichloropropene	8.080	75	30130	5.119	ug/l #	52
38) Carbon Tetrachloride	8.078	117	37195	6.407	ug/l #	16
41) Methacrylonitrile	7.702	41	1643	0.561	ug/l #	23
43) Isopropyl Acetate	8.657	43	22344	2.228	ug/l #	58
53) t-1,3-Dichloropropene	10.725	75	53	1.751	ug/l #	1
59) 2-Hexanone	11.092	43	2980	0.693	ug/l	81
71) Bromoform	12.742	173	1011	3.433	ug/l #	1
76) 1,2,3-Trichloropropane	12.736	75	147590	30.136	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.736	75	147590	97.162	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.268	180	1479	3.025	ug/l	83
95) Naphthalene	15.512	128	8752	3.713	ug/l	98
96) 1,2,3-Trichlorobenzene	15.697	180	1887	3.099	ug/l #	16

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

Quant Time: Jul 21 15:11:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

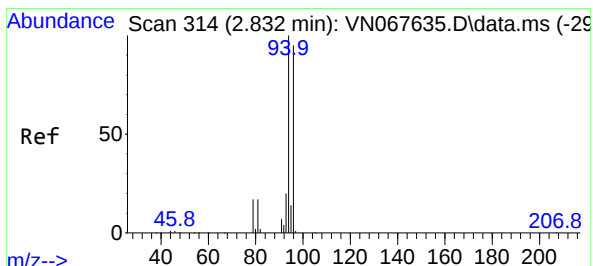
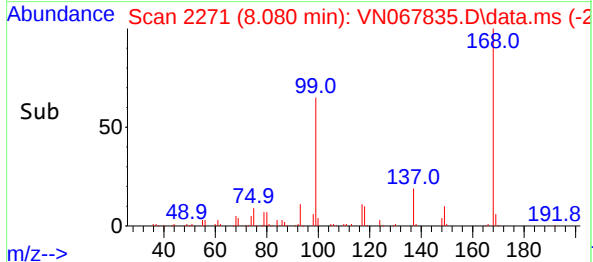
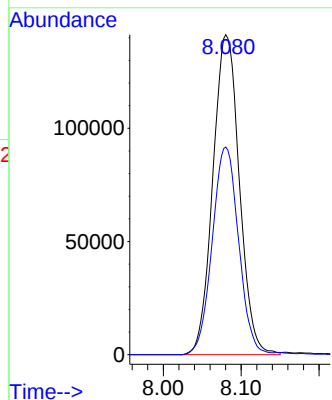
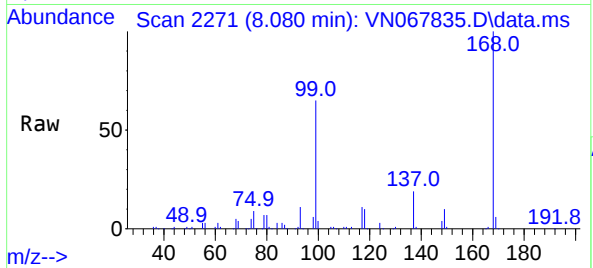




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.006 min
Lab File: VN067835.D
Acq: 21 Jul 2021 13:47

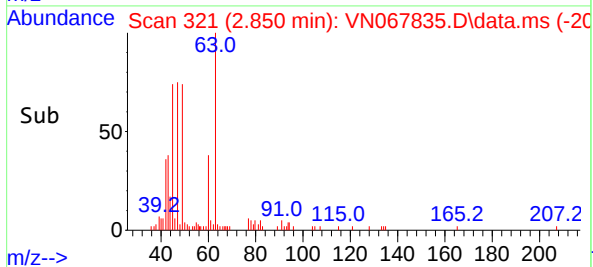
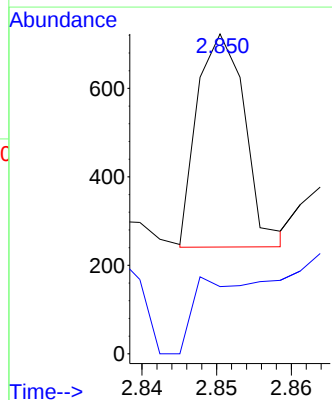
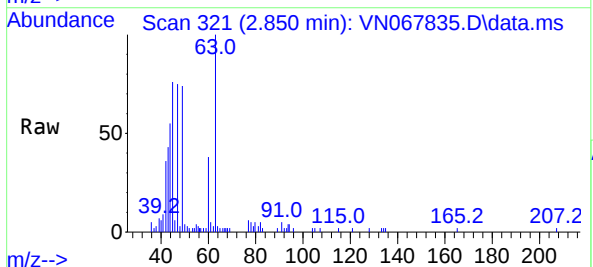
Instrument :
MSVOA_N
ClientSampleId :

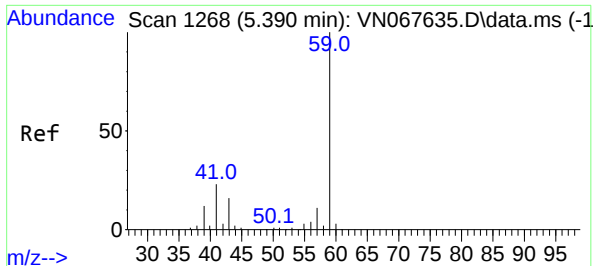
Tgt Ion:168 Resp: 333826
Ion Ratio Lower Upper
168 100
99 64.9 62.9 94.3



#5
Bromomethane
Concen: Below Cal
RT: 2.850 min Scan# 321
Delta R.T. 0.018 min
Lab File: VN067835.D
Acq: 21 Jul 2021 13:47

Tgt Ion: 94 Resp: 214
Ion Ratio Lower Upper
94 100
96 31.9 73.7 110.5#

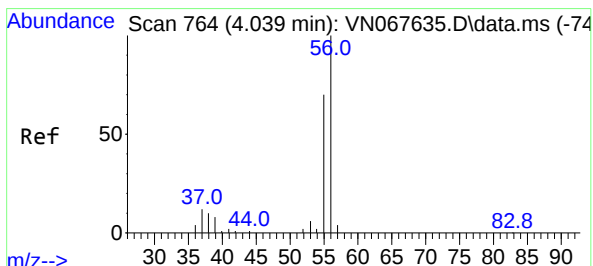
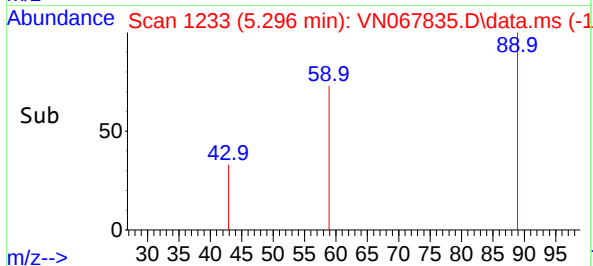
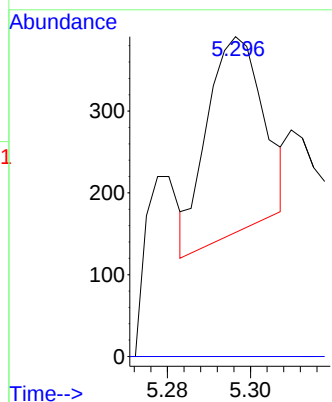
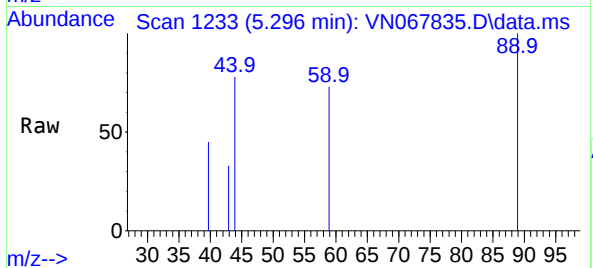




#11
Tert butyl alcohol
Concen: 0.314 ug/l
RT: 5.296 min Scan# 1233
Delta R.T. -0.094 min
Lab File: VN067835.D
Acq: 21 Jul 2021 13:47

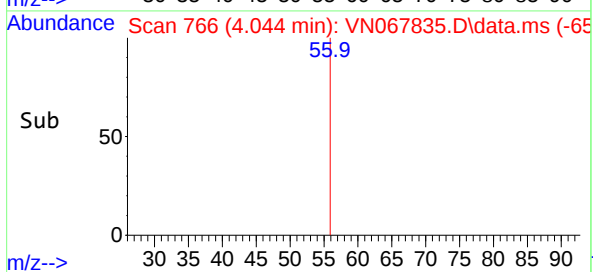
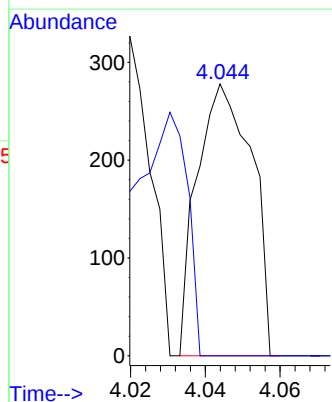
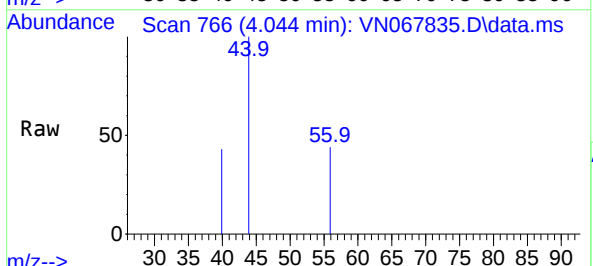
Instrument :
MSVOA_N
ClientSampled :

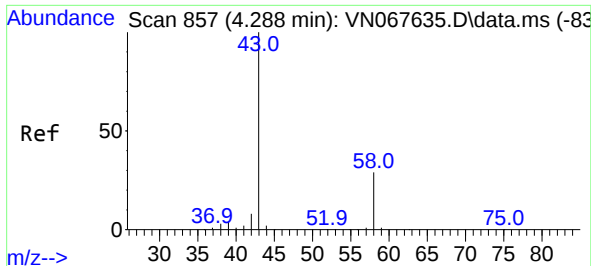
Tgt Ion: 59 Resp: 228
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: Below Cal
RT: 4.044 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN067835.D
Acq: 21 Jul 2021 13:47

Tgt Ion: 56 Resp: 283
Ion Ratio Lower Upper
56 100
55 79.2 57.4 86.0

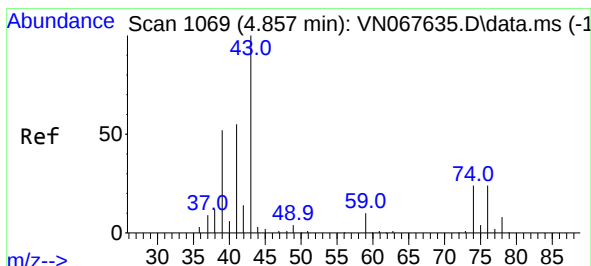
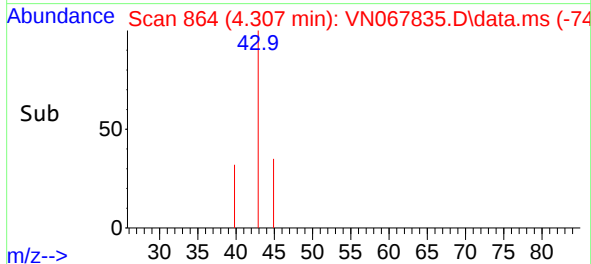
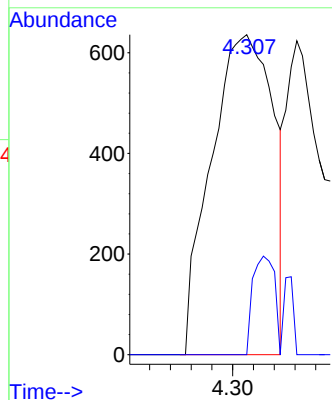
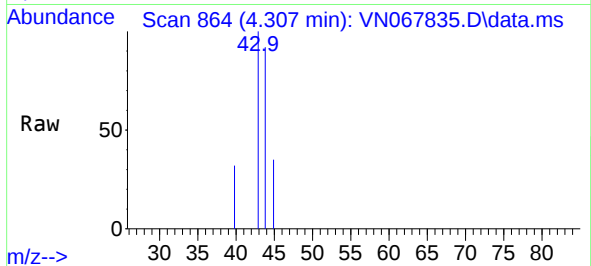




#16
Acetone
Concen: 0.830 ug/l
RT: 4.307 min Scan# 864
Delta R.T. 0.019 min
Lab File: VN067835.D
Acq: 21 Jul 2021 13:47

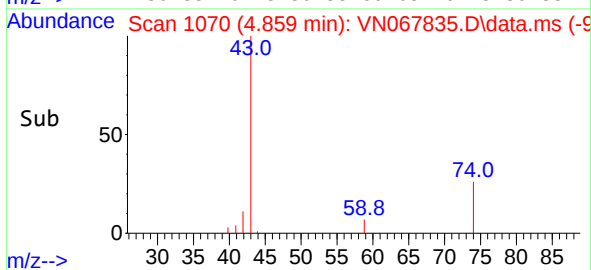
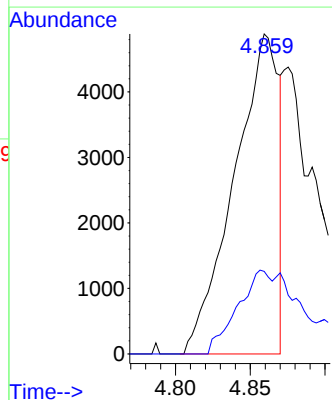
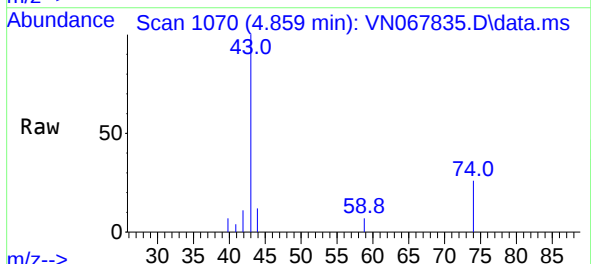
Instrument :
MSVOA_N
ClientSampled :

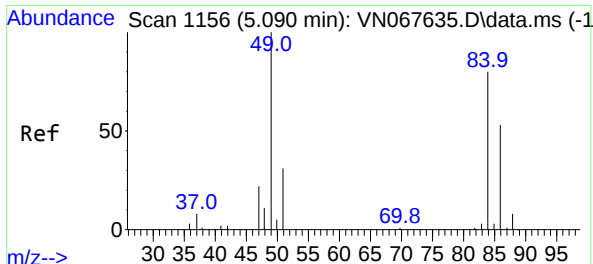
Tgt Ion: 43 Resp: 1318
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#



#18
Methyl Acetate
Concen: 2.260 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.002 min
Lab File: VN067835.D
Acq: 21 Jul 2021 13:47

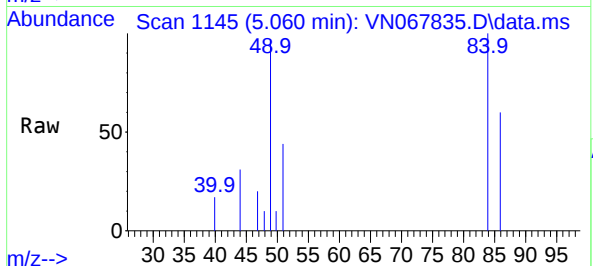
Tgt Ion: 43 Resp: 10079
Ion Ratio Lower Upper
43 100
74 19.9 17.4 26.0





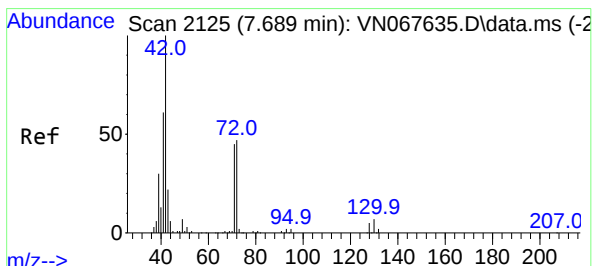
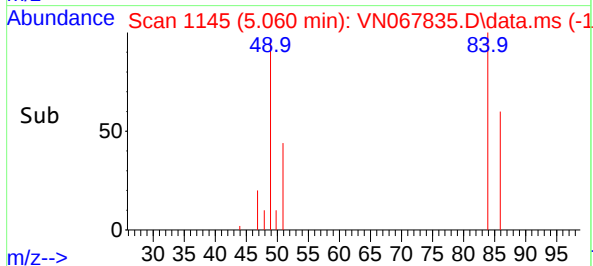
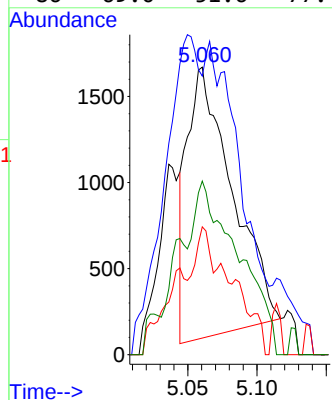
#20
Methylene Chloride
Concen: 0.266 ug/l
RT: 5.060 min Scan# 1145
Delta R.T. -0.030 min
Lab File: VN067835.D
Acq: 21 Jul 2021 13:47

Instrument :
MSVOA_N
ClientSampleId :

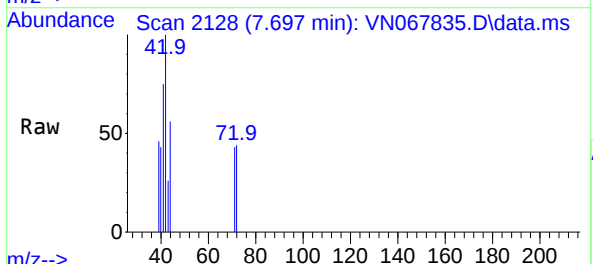


Tgt Ion: 84 Resp: 3552

Ion	Ratio	Lower	Upper
84	100		
49	81.0	110.9	166.3#
51	35.5	32.6	49.0
86	69.0	51.6	77.4

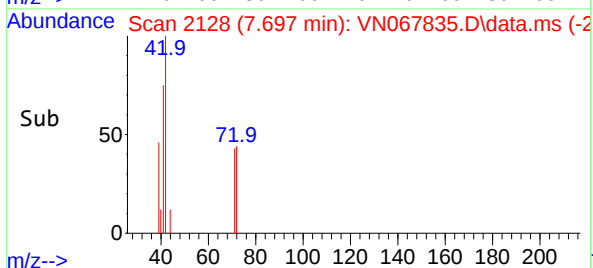
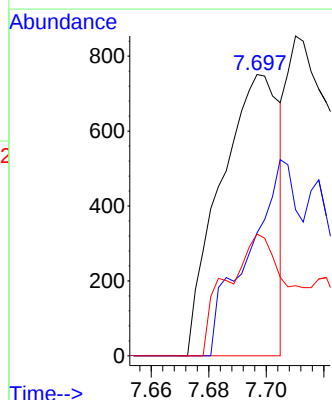


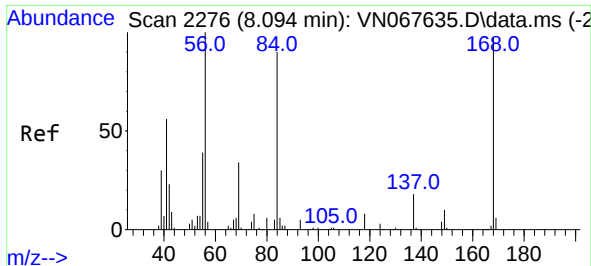
#29
Tetrahydrofuran
Concen: 0.613 ug/l
RT: 7.697 min Scan# 2128
Delta R.T. 0.008 min
Lab File: VN067835.D
Acq: 21 Jul 2021 13:47



Tgt Ion: 42 Resp: 1062

Ion	Ratio	Lower	Upper
42	100		
72	60.4	32.8	49.2#
71	44.8	31.2	46.8

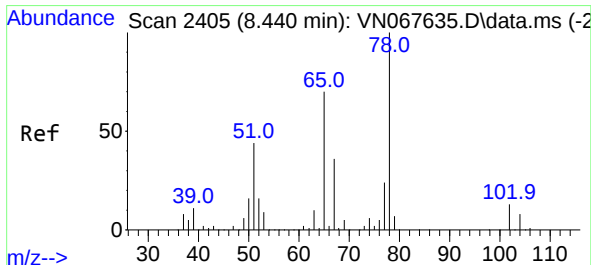
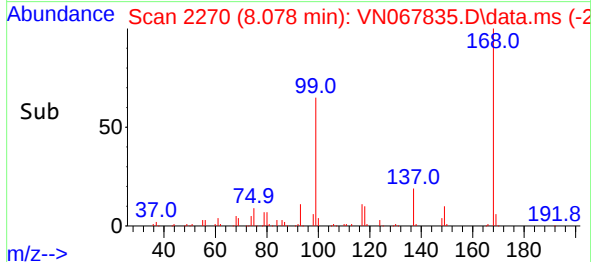
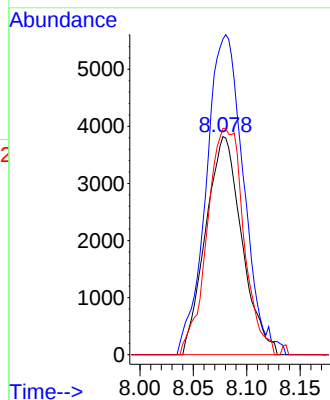
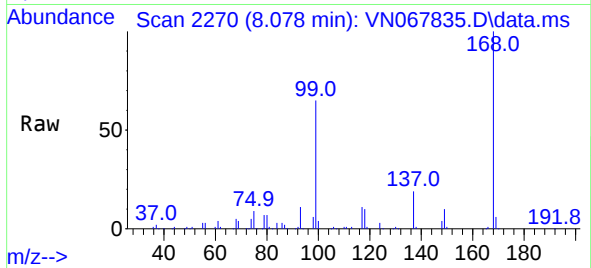




#31
Cyclohexane
Concen: 1.275 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.016 min
Lab File: VN067835.D
Acq: 21 Jul 2021 13:47

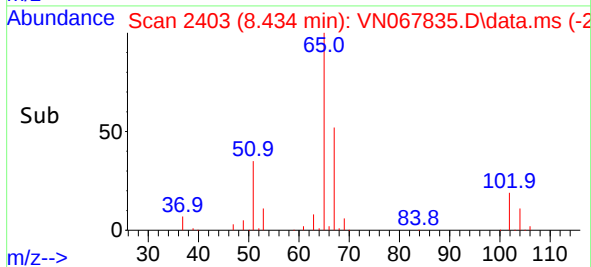
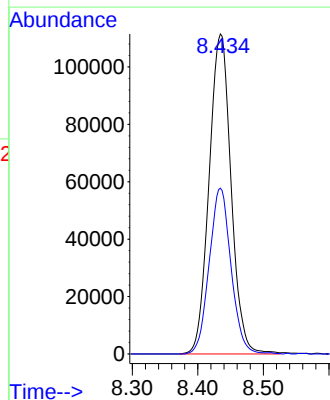
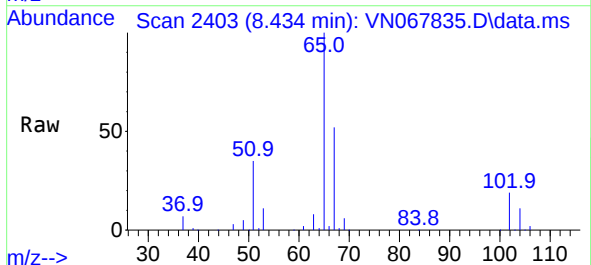
Instrument :
MSVOA_N
ClientSampled :

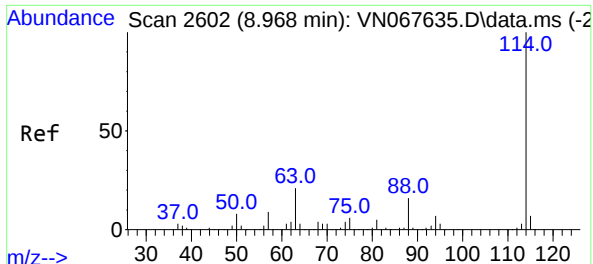
Tgt Ion: 56 Resp: 9021
Ion Ratio Lower Upper
56 100
69 139.5 27.3 40.9#
84 103.8 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 51.437 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.006 min
Lab File: VN067835.D
Acq: 21 Jul 2021 13:47

Tgt Ion: 65 Resp: 259505
Ion Ratio Lower Upper
65 100
67 51.3 0.0 98.6

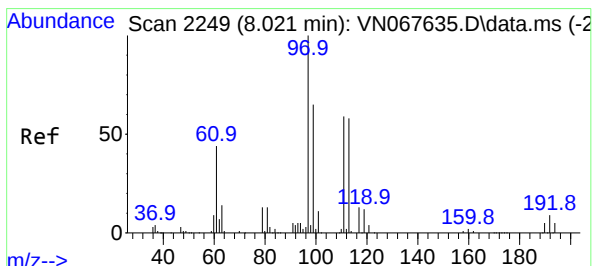
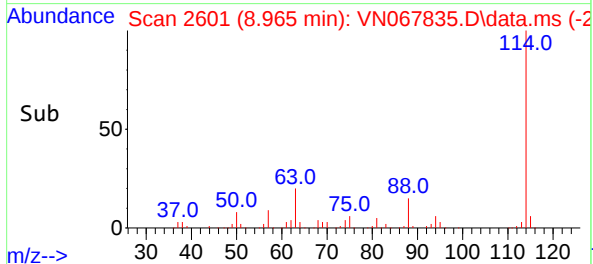
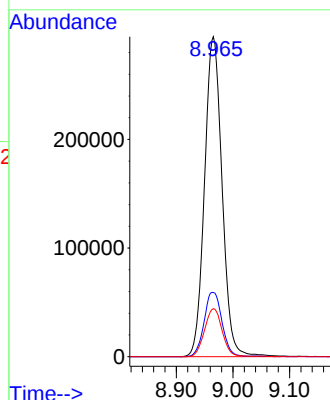
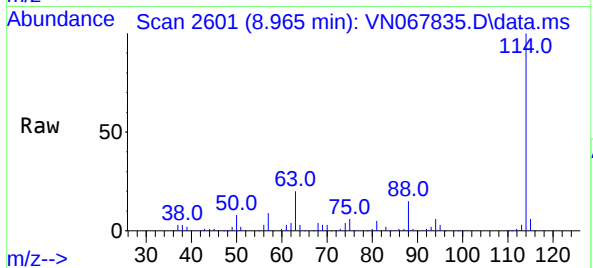




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN067835.D
Acq: 21 Jul 2021 13:47

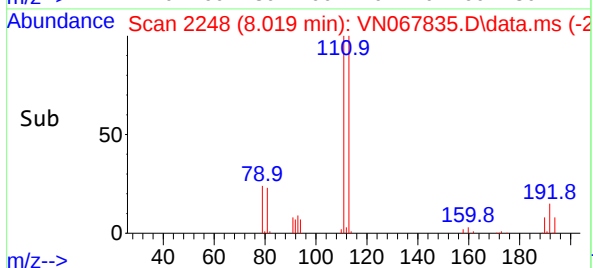
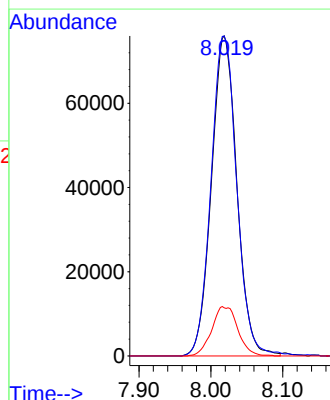
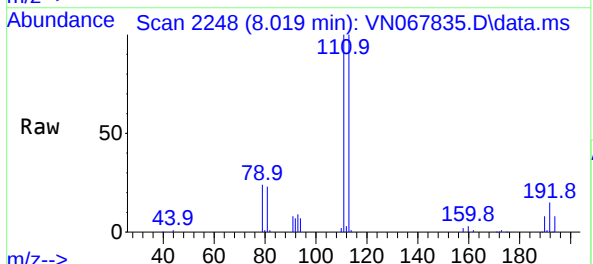
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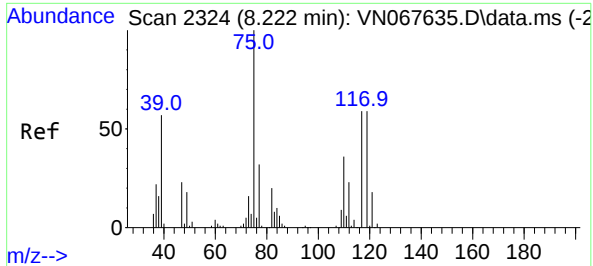
Tgt Ion:114 Resp: 633585
Ion Ratio Lower Upper
114 100
63 20.1 0.0 49.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.679 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.002 min
Lab File: VN067835.D
Acq: 21 Jul 2021 13:47

Tgt Ion:113 Resp: 186342
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.8
192 15.9 13.4 20.0

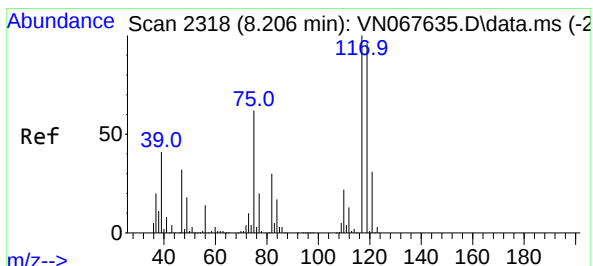
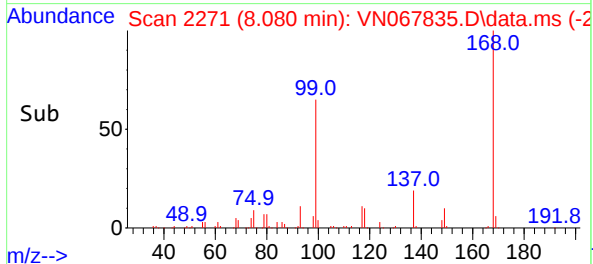
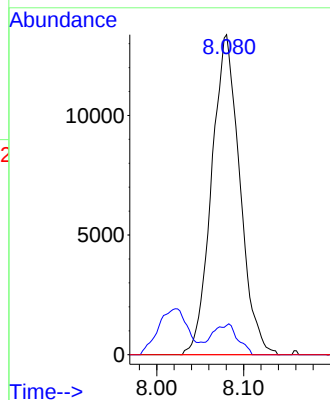
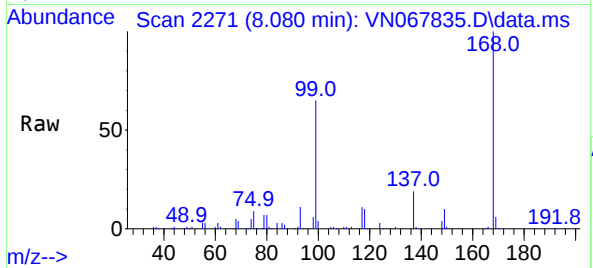




#36
1,1-Dichloropropene
Concen: 5.119 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.142 min
Lab File: VN067835.D
Acq: 21 Jul 2021 13:47

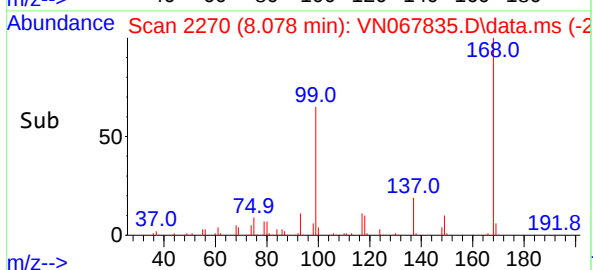
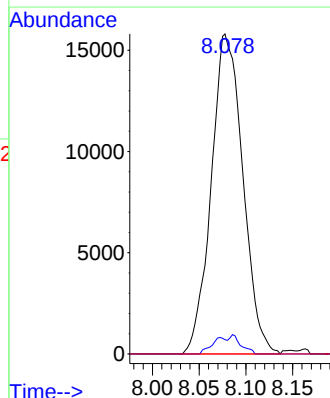
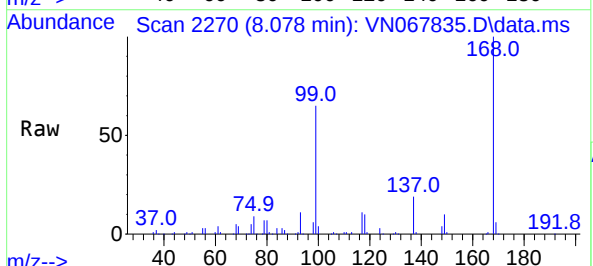
Instrument :
MSVOA_N
ClientSampleId :

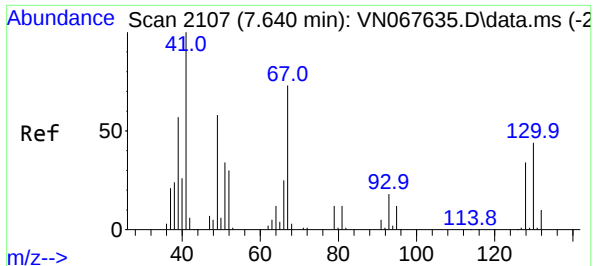
Tgt Ion: 75 Resp: 30130
Ion Ratio Lower Upper
75 100
110 8.7 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.407 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.128 min
Lab File: VN067835.D
Acq: 21 Jul 2021 13:47

Tgt Ion: 117 Resp: 37195
Ion Ratio Lower Upper
117 100
119 4.5 75.4 113.2#
121 0.0 23.5 35.3#



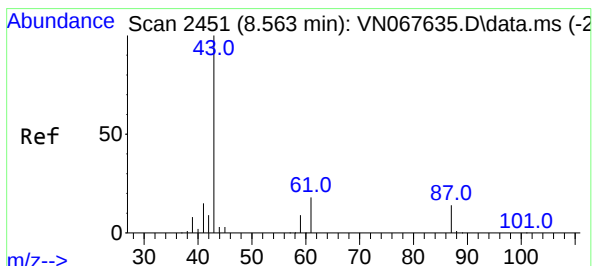
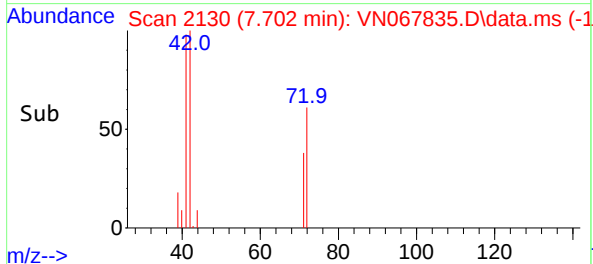
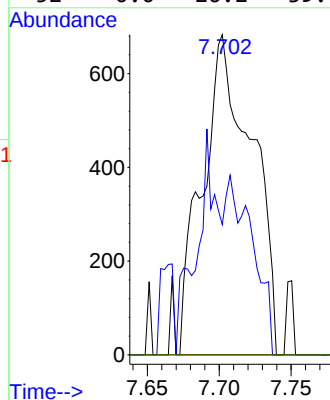
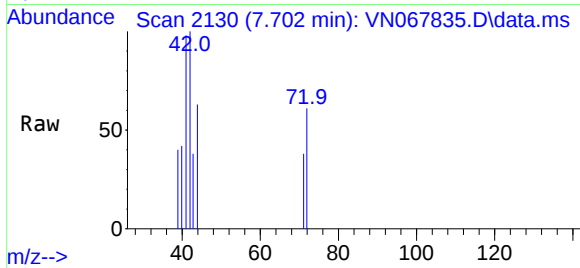


#41
Methacrylonitrile
Concen: 0.561 ug/l
RT: 7.702 min Scan# 2130
Delta R.T. 0.062 min
Lab File: VN067835.D
Acq: 21 Jul 2021 13:47

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 41 Resp: 1643

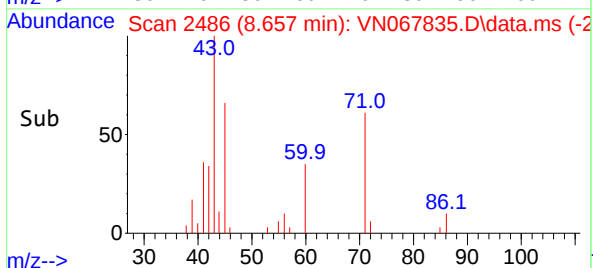
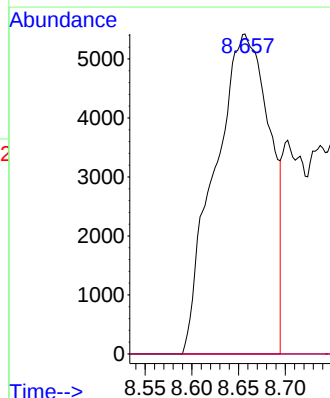
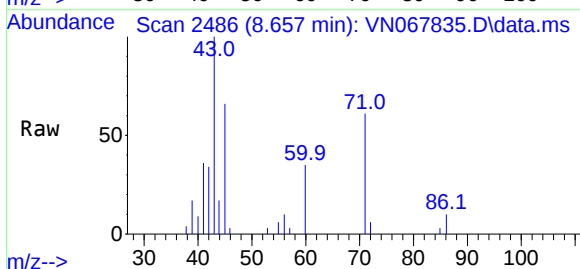
Ion	Ratio	Lower	Upper
41	100		
39	3.1	47.6	71.4#
67	0.0	57.7	86.5#
52	0.0	26.2	39.4#

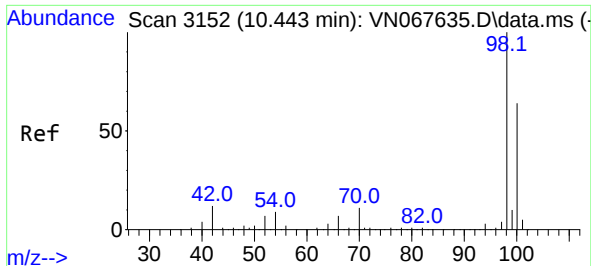


#43
Isopropyl Acetate
Concen: 2.228 ug/l
RT: 8.657 min Scan# 2486
Delta R.T. 0.094 min
Lab File: VN067835.D
Acq: 21 Jul 2021 13:47

Tgt Ion: 43 Resp: 22344

Ion	Ratio	Lower	Upper
43	100		
61	0.0	19.0	28.4#
87	0.0	9.5	14.3#

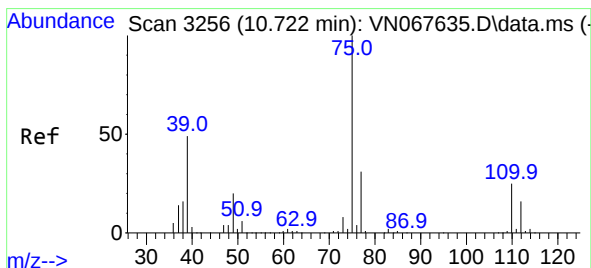
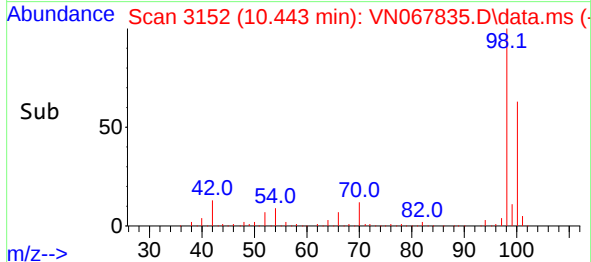
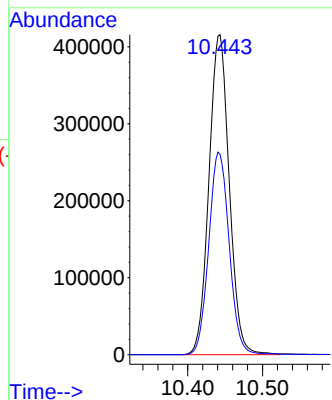
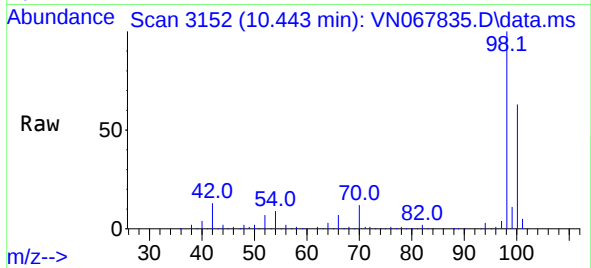




#50
Toluene-d8
Concen: 49.019 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067835.D
Acq: 21 Jul 2021 13:47

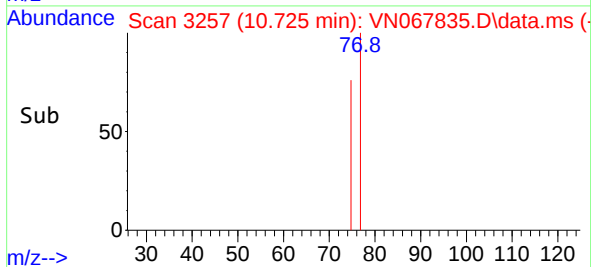
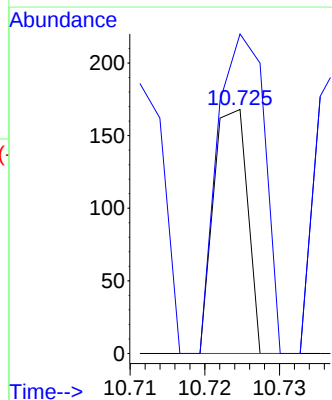
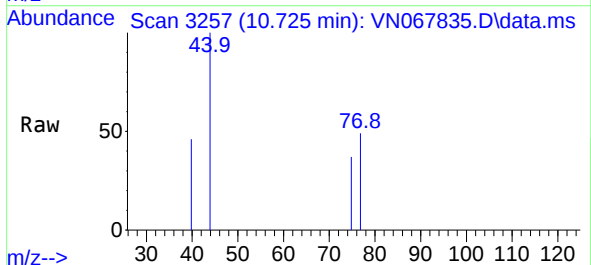
Instrument :
MSVOA_N
ClientSampled :

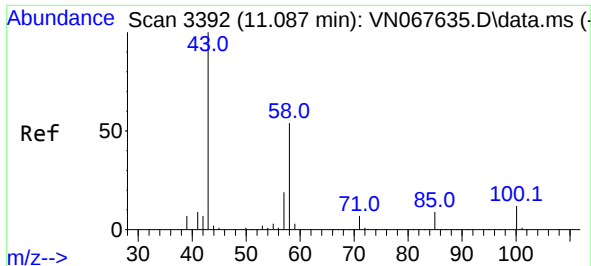
Tgt Ion: 98 Resp: 785432
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5



#53
t-1,3-Dichloropropene
Concen: 1.751 ug/l
RT: 10.725 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VN067835.D
Acq: 21 Jul 2021 13:47

Tgt Ion: 75 Resp: 53
Ion Ratio Lower Upper
75 100
77 131.0 25.1 37.7#

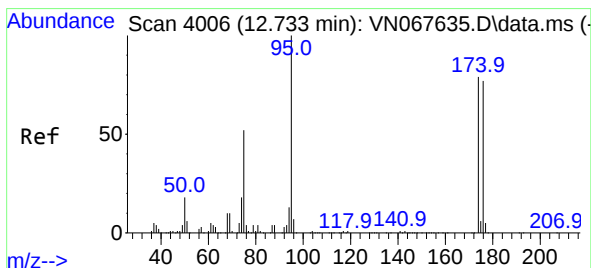
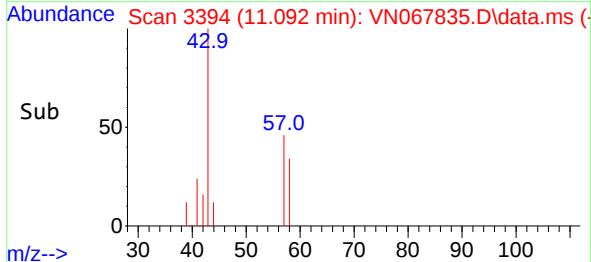
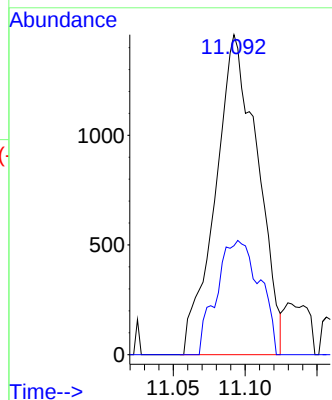
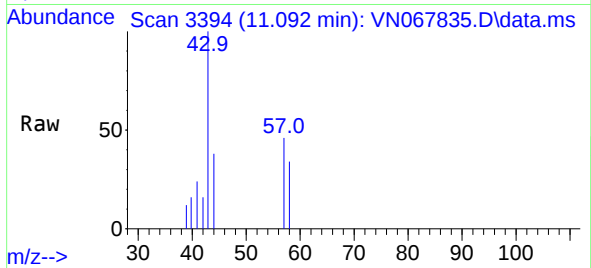




#59
2-Hexanone
Concen: 0.693 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN067835.D
Acq: 21 Jul 2021 13:47

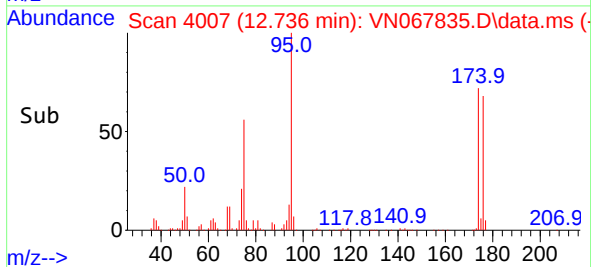
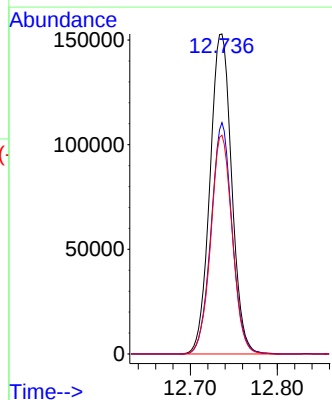
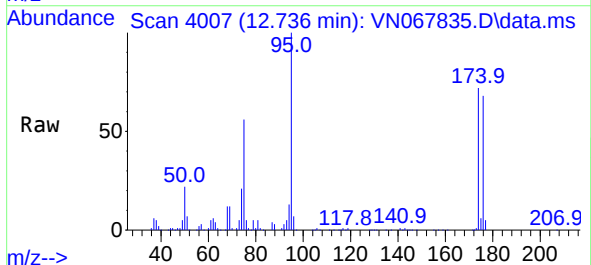
Instrument :
MSVOA_N
ClientSampled :

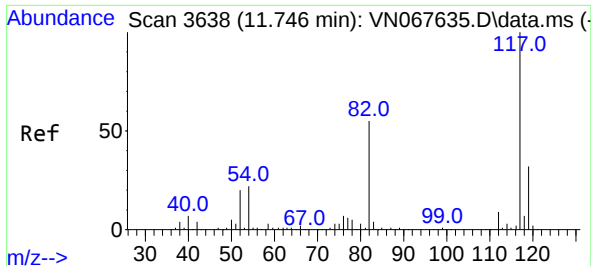
Tgt Ion: 43 Resp: 2980
Ion Ratio Lower Upper
43 100
58 36.1 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 46.962 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067835.D
Acq: 21 Jul 2021 13:47

Tgt Ion: 95 Resp: 265816
Ion Ratio Lower Upper
95 100
174 70.1 0.0 122.0
176 67.3 0.0 117.6

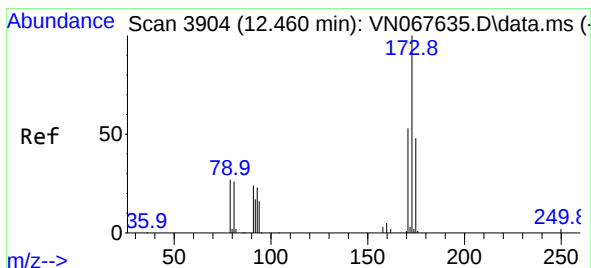
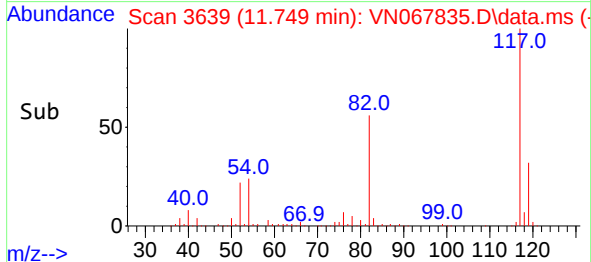
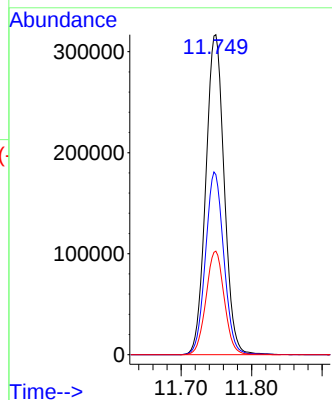
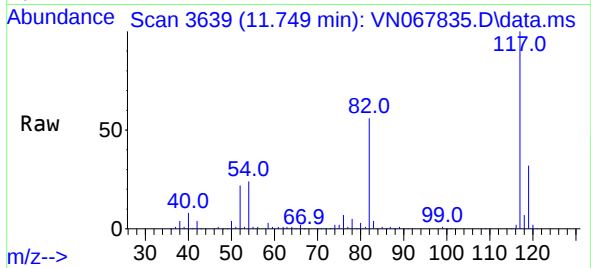




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067835.D
Acq: 21 Jul 2021 13:47

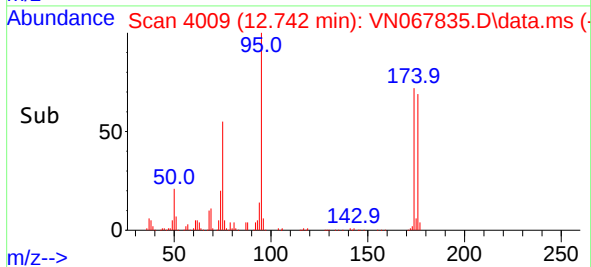
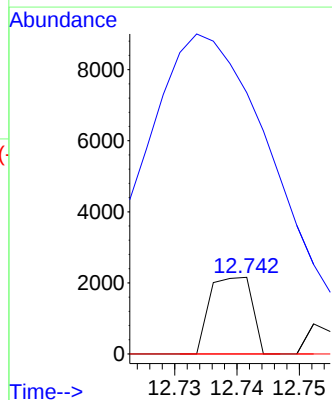
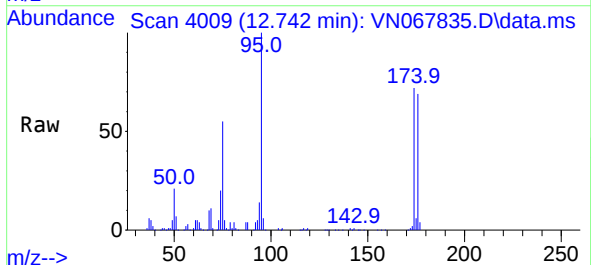
Instrument :
MSVOA_N
ClientSampled :

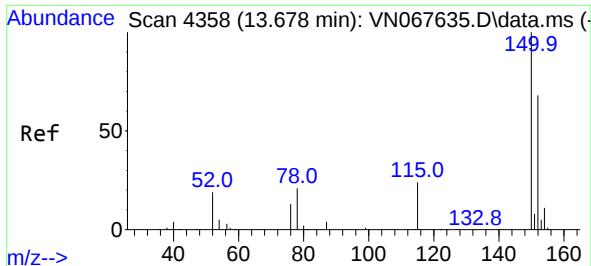
Tgt Ion:117 Resp: 574115
Ion Ratio Lower Upper
117 100
82 56.3 53.1 79.7
119 32.4 25.5 38.3



#71
Bromoform
Concen: 3.433 ug/l
RT: 12.742 min Scan# 4009
Delta R.T. 0.282 min
Lab File: VN067835.D
Acq: 21 Jul 2021 13:47

Tgt Ion:173 Resp: 1011
Ion Ratio Lower Upper
173 100
175 1328.1 23.9 71.8#
254 0.0 0.0 0.0

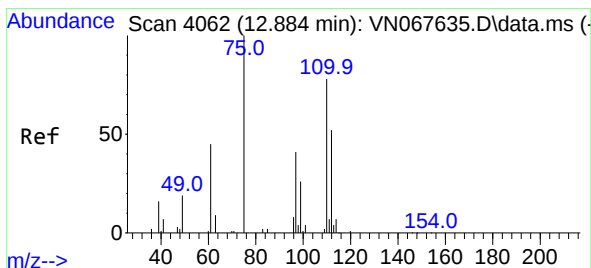
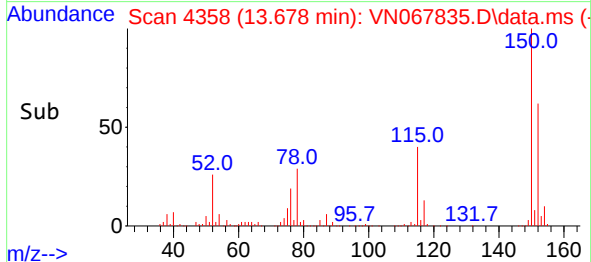
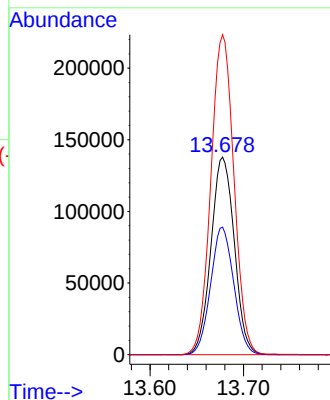
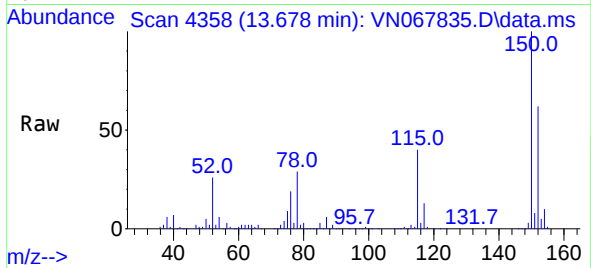




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN067835.D
Acq: 21 Jul 2021 13:47

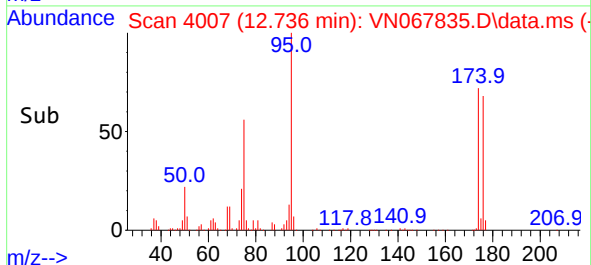
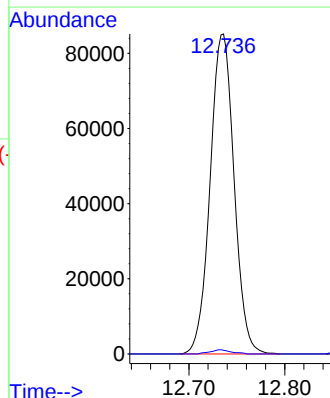
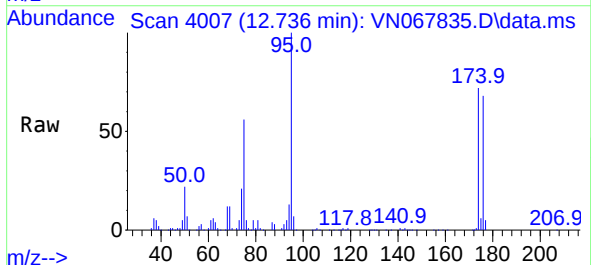
Instrument :
MSVOA_N
ClientSampled :

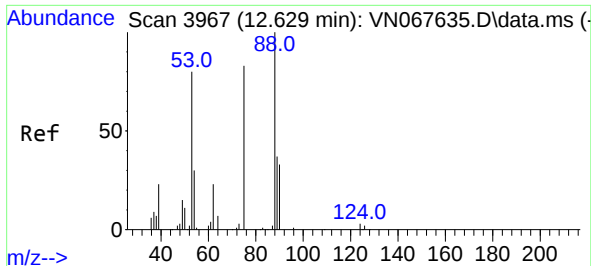
Tgt Ion:152 Resp: 239815
Ion Ratio Lower Upper
152 100
115 64.1 36.1 108.5
150 159.8 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 30.136 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.148 min
Lab File: VN067835.D
Acq: 21 Jul 2021 13:47

Tgt Ion: 75 Resp: 147590
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

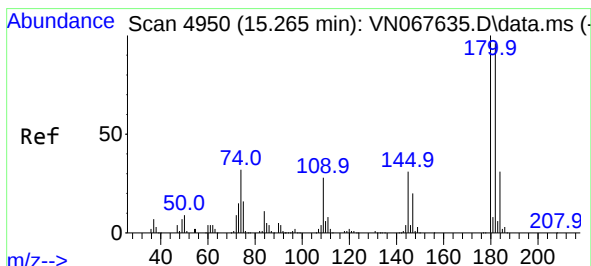
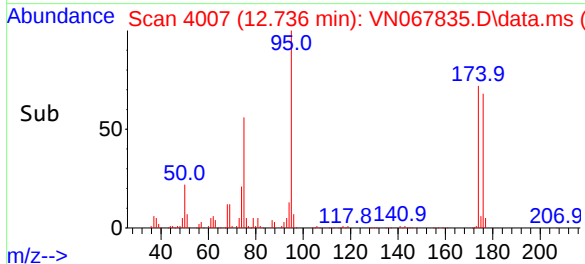
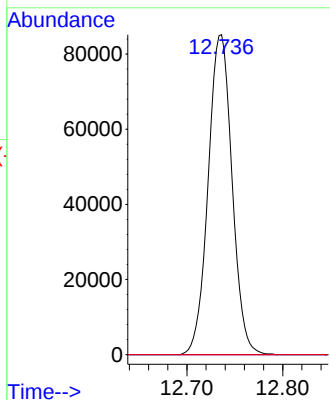
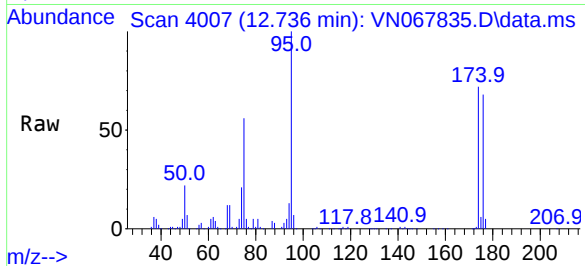




#81
trans-1,4-Dichloro-2-butene
Concen: 97.162 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN067835.D
Acq: 21 Jul 2021 13:47

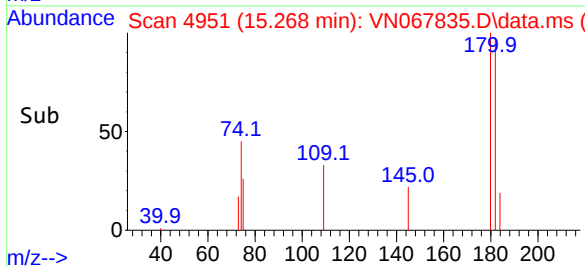
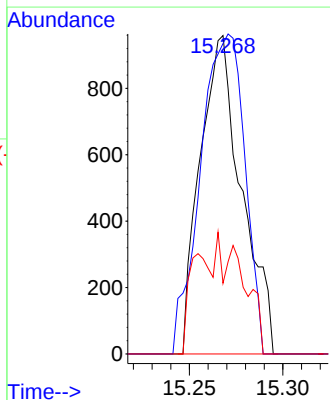
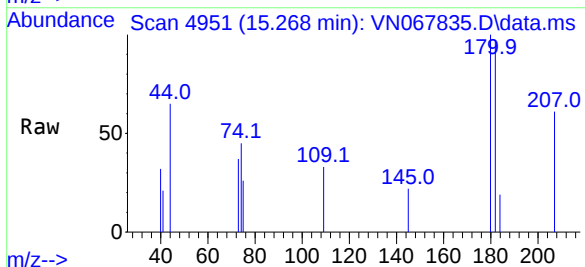
Instrument :
MSVOA_N
ClientSampled :

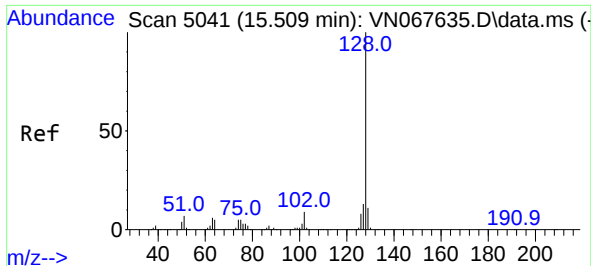
Tgt Ion: 75 Resp: 147590
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 3.025 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN067835.D
Acq: 21 Jul 2021 13:47

Tgt Ion:180 Resp: 1479
Ion Ratio Lower Upper
180 100
182 107.6 47.5 142.5
145 17.3 17.2 51.6

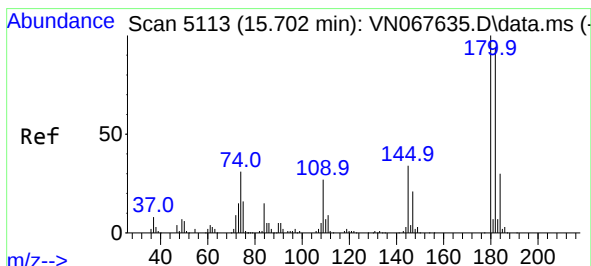
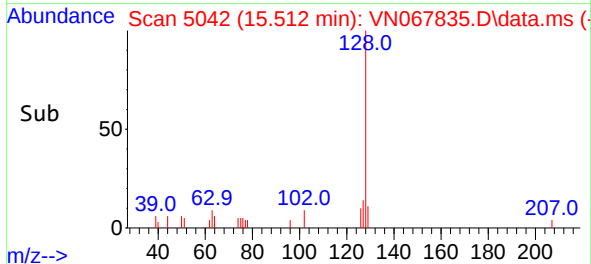
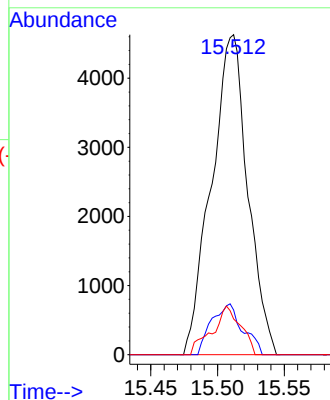
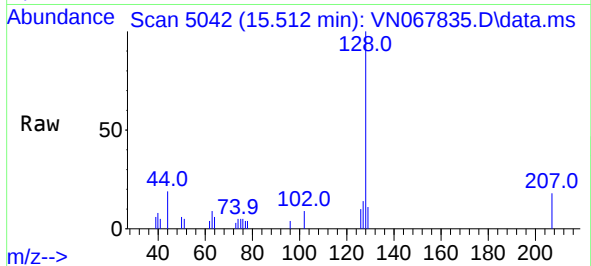




#95
Naphthalene
Concen: 3.713 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.003 min
Lab File: VN067835.D
Acq: 21 Jul 2021 13:47

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:	128	Resp:	8752
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.6	15.8
129	11.9	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 3.099 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.005 min
Lab File: VN067835.D
Acq: 21 Jul 2021 13:47

Tgt Ion:	180	Resp:	1887
Ion Ratio	Lower	Upper	
180	100		
182	0.0	47.8	143.3#
145	7.9	18.2	54.6#

