

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072321\
 Data File : VN067884.D
 Acq On : 23 Jul 2021 16:53
 Operator : JC/MD
 Sample : M3147-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 24 01:42:48 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)

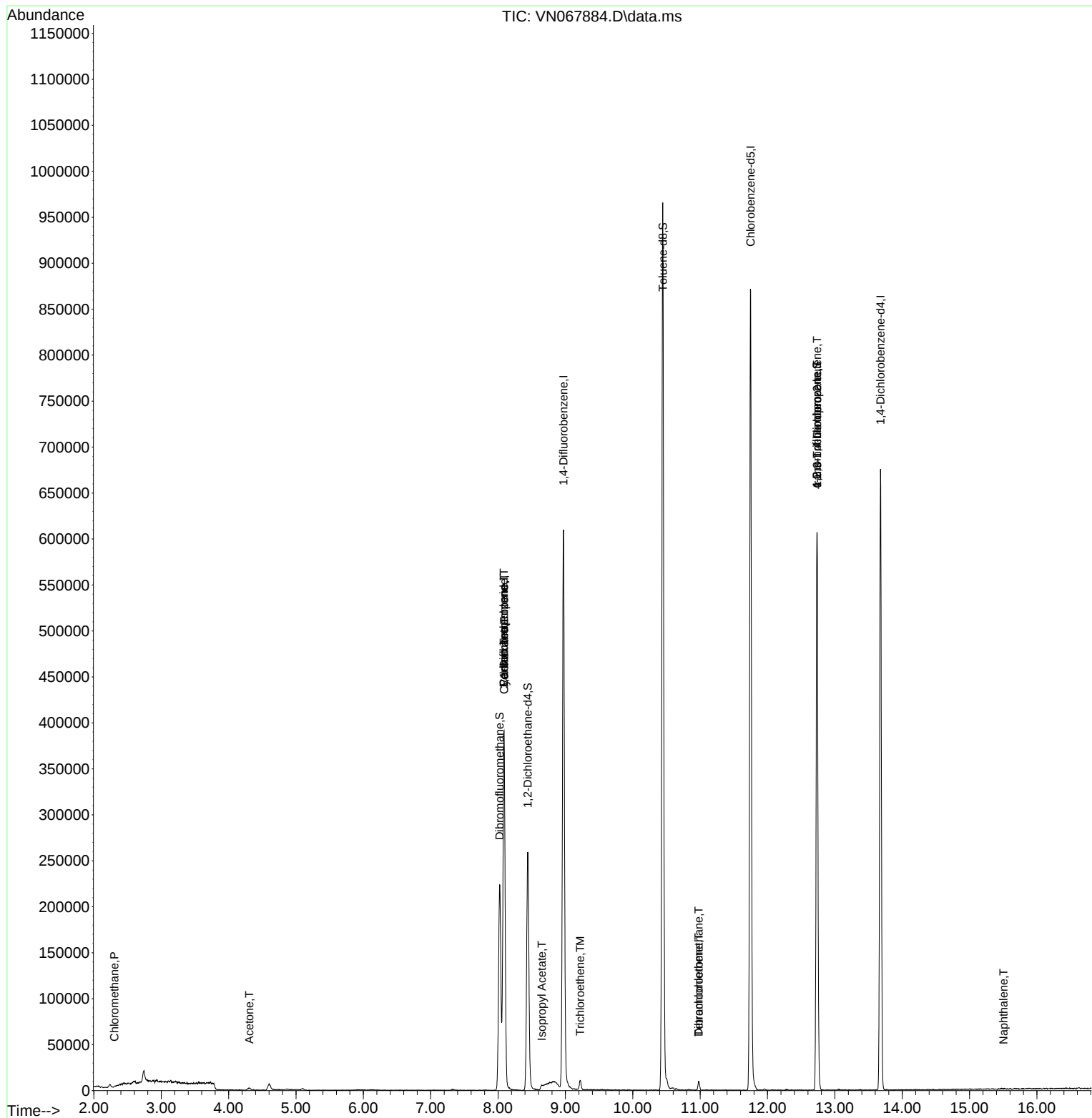
Internal Standards						
1) Pentafluorobenzene	8.088	168	276626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	538856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	505933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	171028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	224519	53.704	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 107.400%		
35) Dibromofluoromethane	8.024	113	164325	50.474	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 100.940%		
50) Toluene-d8	10.446	98	677624	49.726	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 99.460%		
62) 4-Bromofluorobenzene	12.734	95	216396	44.952	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 89.900%		
Target Compounds						
						Qvalue
3) Chloromethane	2.303	50	996	0.267	ug/l	93
5) Bromomethane	2.821	94	97	Below Cal		87
6) Chloroethane	3.038	64	54	Below Cal	#	44
13) Acrolein	4.041	56	109	Below Cal	#	14
16) Acetone	4.307	43	3312	2.518	ug/l	94
20) Methylene Chloride	5.090	84	555	Below Cal	#	47
31) Cyclohexane	8.091	56	7384	1.260	ug/l	# 13
36) 1,1-Dichloropropene	8.086	75	25929	5.180	ug/l	# 51
38) Carbon Tetrachloride	8.088	117	30548	6.187	ug/l	# 17
43) Isopropyl Acetate	8.649	43	2534	0.297	ug/l	# 58
44) Trichloroethene	9.217	130	3389	0.891	ug/l	73
60) Dibromochloromethane	10.977	129	2221	2.815	ug/l	# 11
64) Tetrachloroethene	10.980	164	2240	0.627	ug/l	# 74
76) 1,2,3-Trichloropropane	12.736	75	122986	35.212	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.736	75	122986	113.528	ug/l	# 6
95) Naphthalene	15.504	128	482	3.066	ug/l	# 69

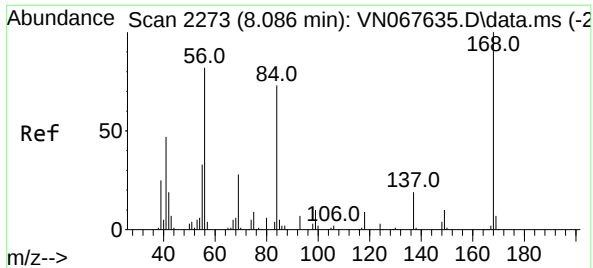
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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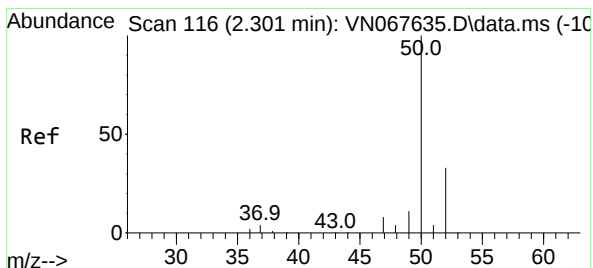
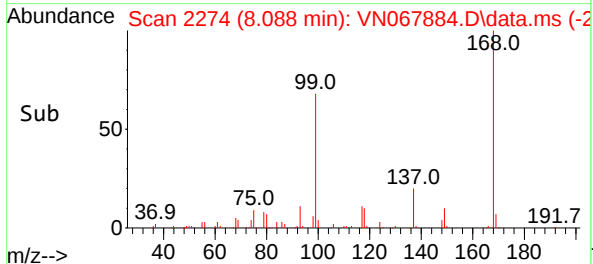
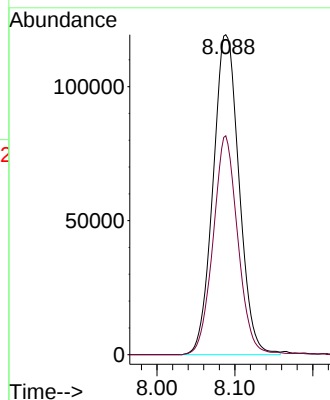
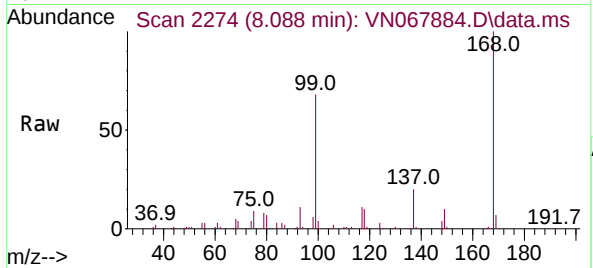




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067884.D
Acq: 23 Jul 2021 16:53

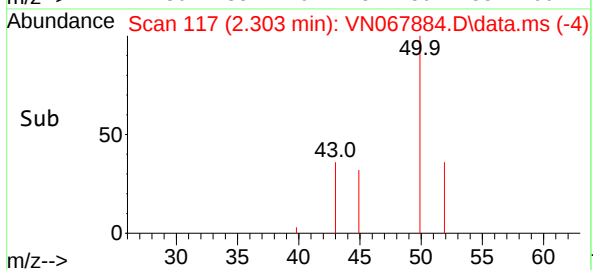
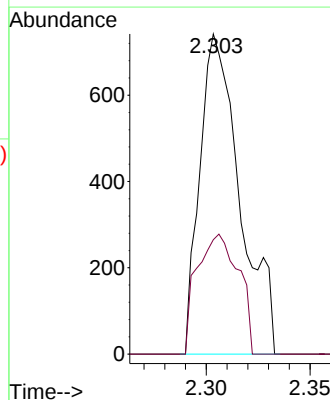
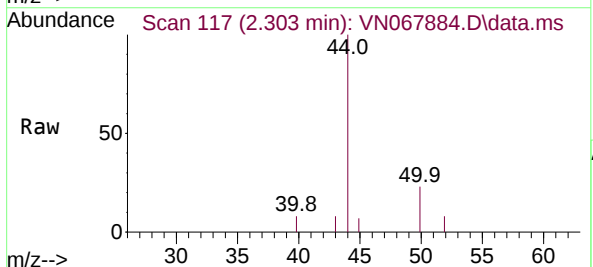
Instrument :
MSVOA_N
ClientSampled :

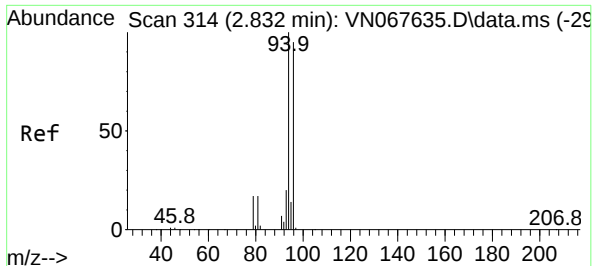
Tgt Ion:168 Resp: 276626
Ion Ratio Lower Upper
168 100
99 68.4 62.9 94.3



#3
Chloromethane
Concen: 0.267 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN067884.D
Acq: 23 Jul 2021 16:53

Tgt Ion: 50 Resp: 996
Ion Ratio Lower Upper
50 100
52 35.7 25.6 38.4

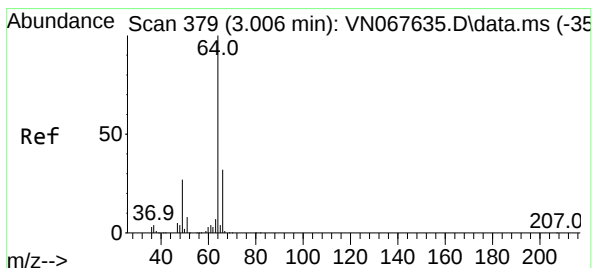
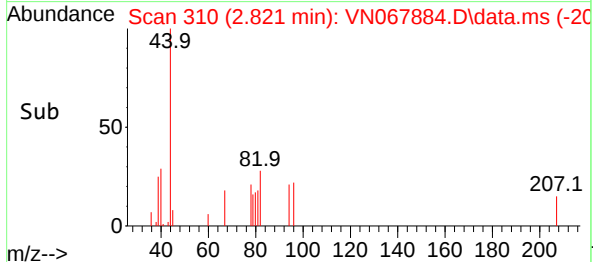
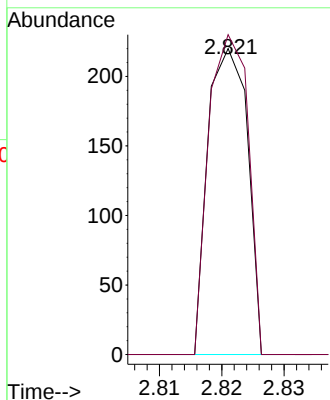
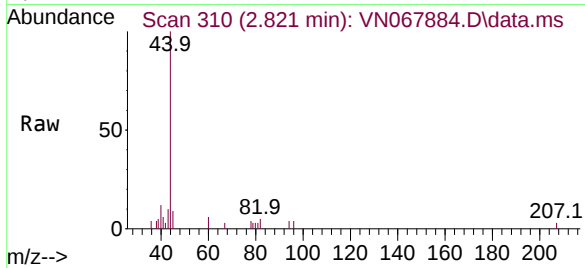




#5
Bromomethane
Concen: Below Cal
RT: 2.821 min Scan# 310
Delta R.T. -0.011 min
Lab File: VN067884.D
Acq: 23 Jul 2021 16:53

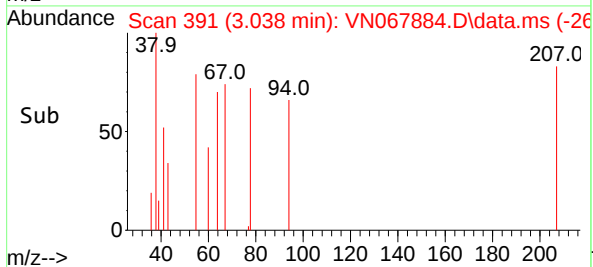
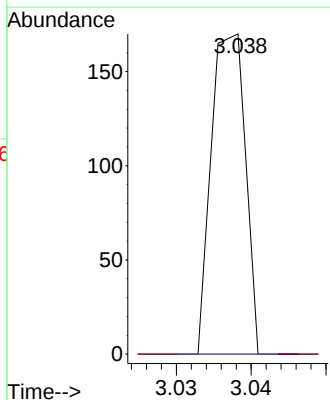
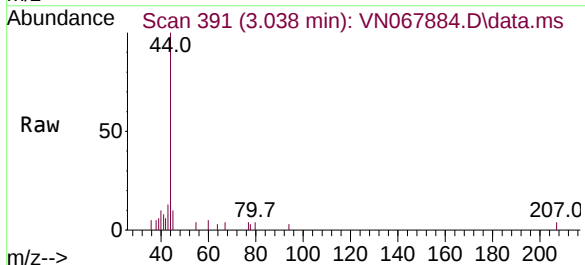
Instrument :
MSVOA_N
ClientSampleId :

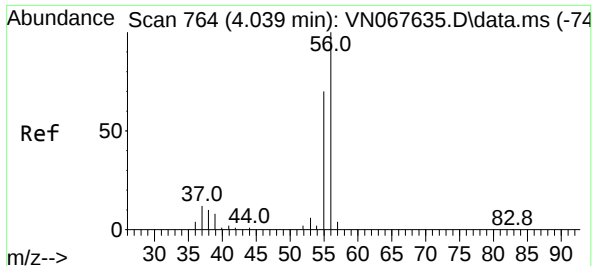
Tgt Ion: 94 Resp: 97
Ion Ratio Lower Upper
94 100
96 104.5 73.7 110.5



#6
Chloroethane
Concen: Below Cal
RT: 3.038 min Scan# 391
Delta R.T. 0.032 min
Lab File: VN067884.D
Acq: 23 Jul 2021 16:53

Tgt Ion: 64 Resp: 54
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

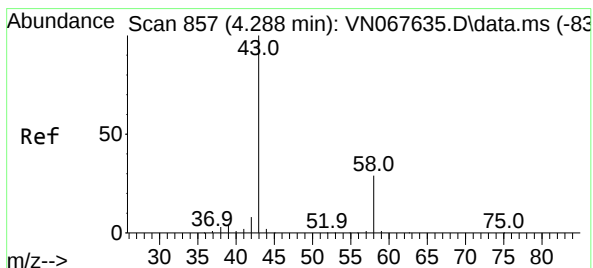
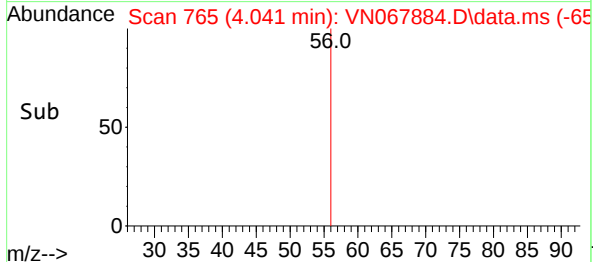
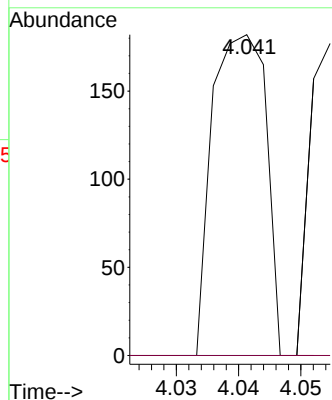
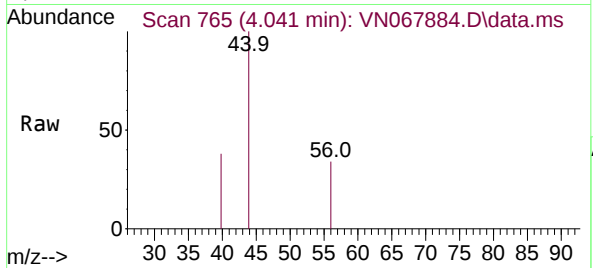




#13
Acrolein
Concen: Below Cal
RT: 4.041 min Scan# 765
Delta R.T. 0.002 min
Lab File: VN067884.D
Acq: 23 Jul 2021 16:53

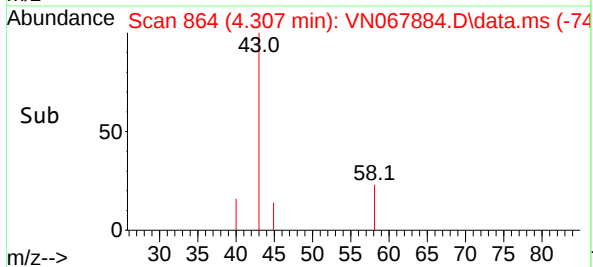
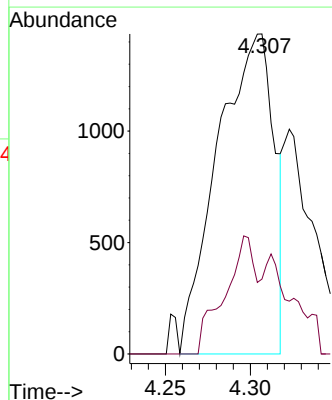
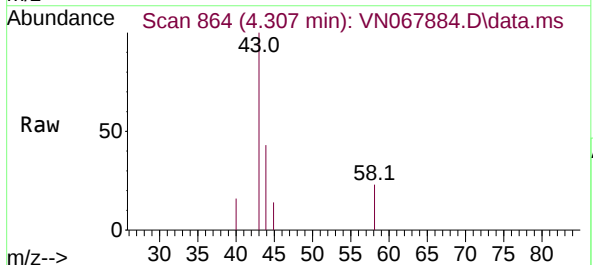
Instrument :
MSVOA_N
ClientSampled :

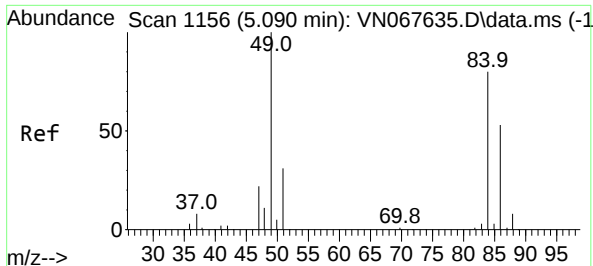
Tgt Ion: 56 Resp: 109
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#



#16
Acetone
Concen: 2.518 ug/l
RT: 4.307 min Scan# 864
Delta R.T. 0.019 min
Lab File: VN067884.D
Acq: 23 Jul 2021 16:53

Tgt Ion: 43 Resp: 3312
Ion Ratio Lower Upper
43 100
58 23.4 21.2 31.8



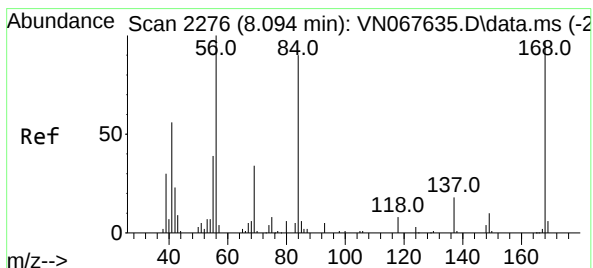
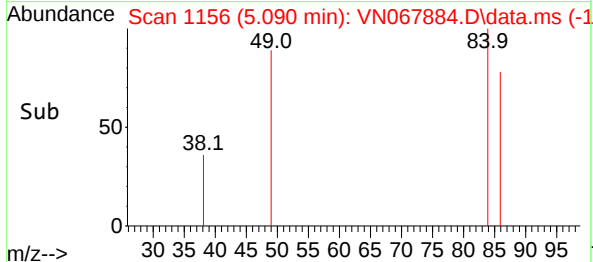
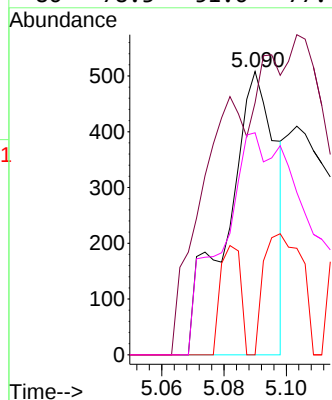
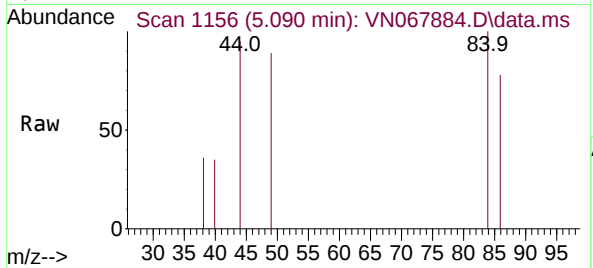


#20
Methylene Chloride
Concen: Below Cal
RT: 5.090 min Scan# 1156
Delta R.T. -0.000 min
Lab File: VN067884.D
Acq: 23 Jul 2021 16:53

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 84 Resp: 555

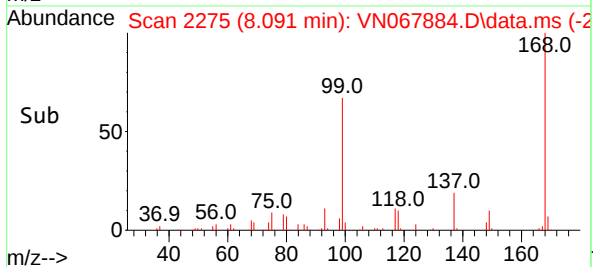
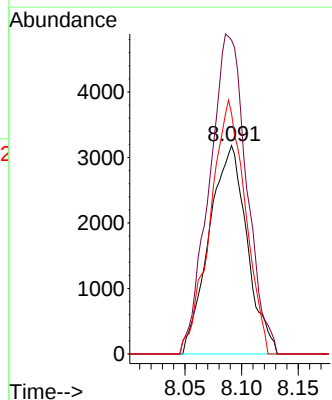
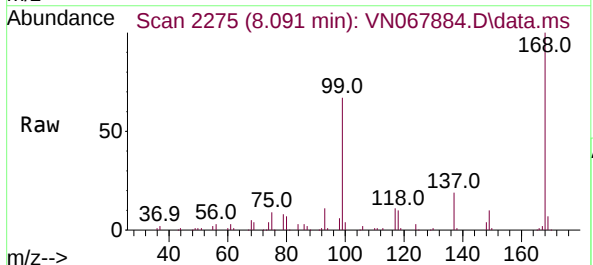
Ion	Ratio	Lower	Upper
84	100		
49	58.1	110.9	166.3#
51	0.0	32.6	49.0#
86	78.3	51.6	77.4#

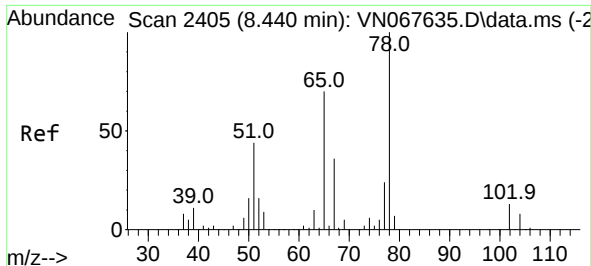


#31
Cyclohexane
Concen: 1.260 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.003 min
Lab File: VN067884.D
Acq: 23 Jul 2021 16:53

Tgt Ion: 56 Resp: 7384

Ion	Ratio	Lower	Upper
56	100		
69	150.6	27.3	40.9#
84	115.4	64.9	97.3#

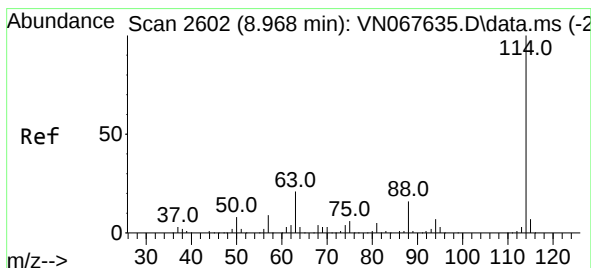
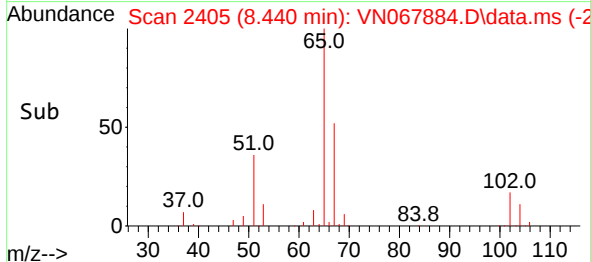
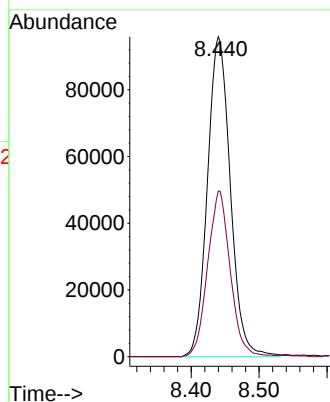
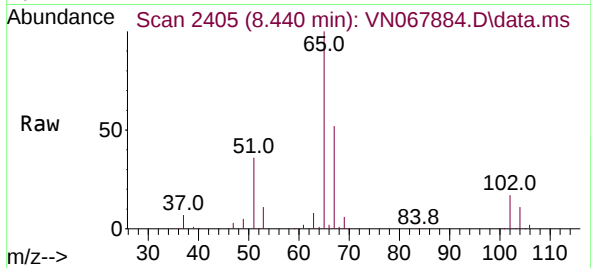




#33
 1,2-Dichloroethane-d4
 Concen: 53.704 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN067884.D
 Acq: 23 Jul 2021 16:53

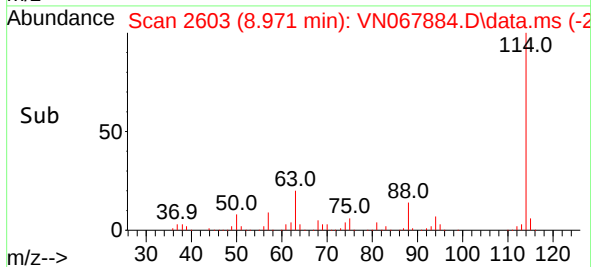
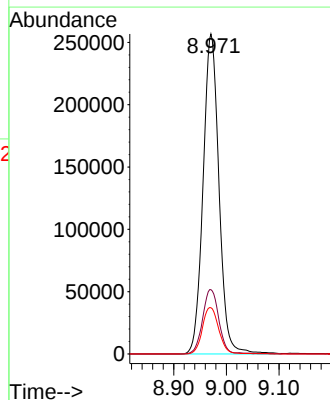
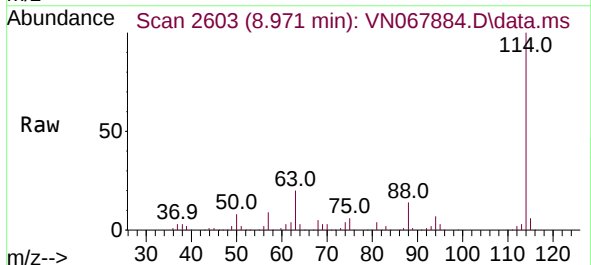
Instrument :
 MSVOA_N
 ClientSampled :

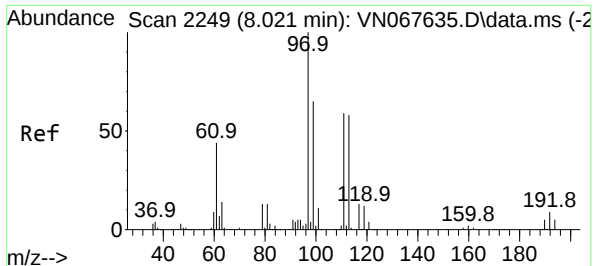
Tgt Ion: 65 Resp: 224519
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN067884.D
 Acq: 23 Jul 2021 16:53

Tgt Ion: 114 Resp: 538856
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 49.0
 88 14.5 0.0 36.6

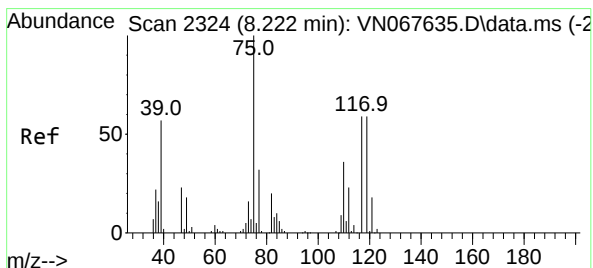
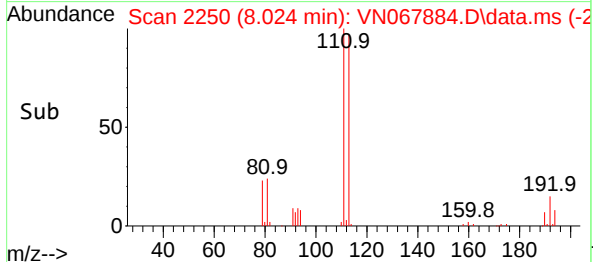
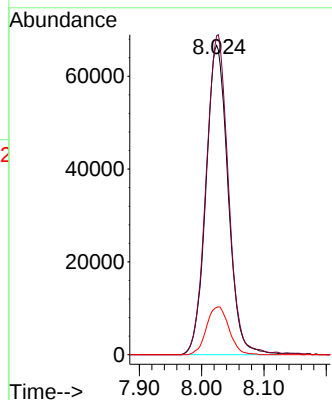
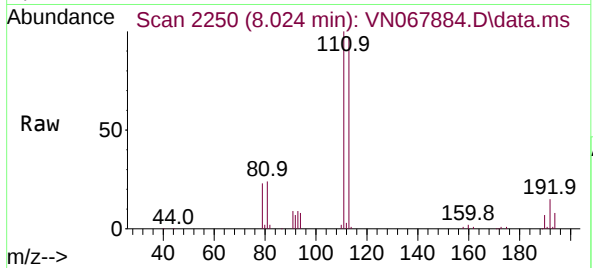




#35
Dibromofluoromethane
Concen: 50.474 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067884.D
Acq: 23 Jul 2021 16:53

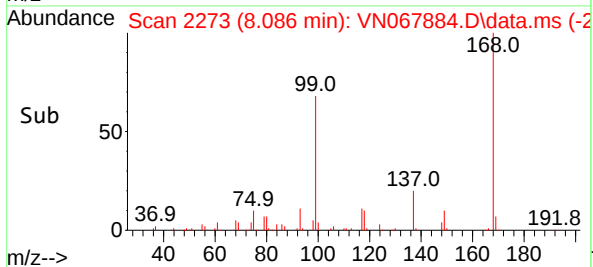
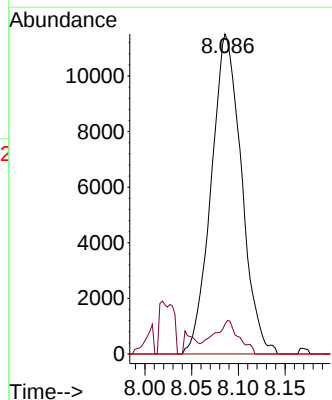
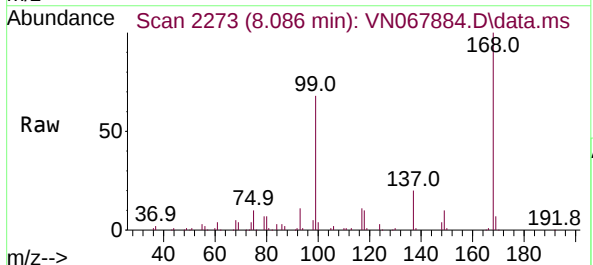
Instrument :
MSVOA_N
ClientSampled :

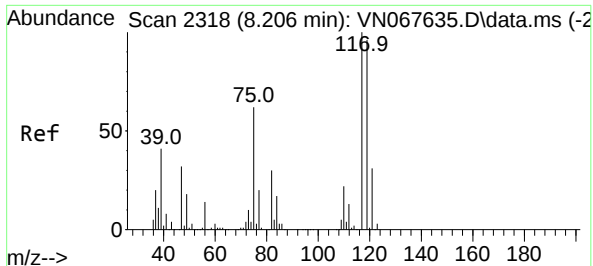
Tgt Ion:113 Resp: 164325
Ion Ratio Lower Upper
113 100
111 104.0 83.8 125.8
192 15.7 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.180 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN067884.D
Acq: 23 Jul 2021 16:53

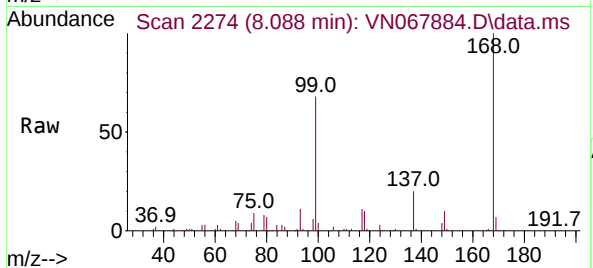
Tgt Ion: 75 Resp: 25929
Ion Ratio Lower Upper
75 100
110 8.7 15.7 47.0#
77 0.0 24.6 37.0#



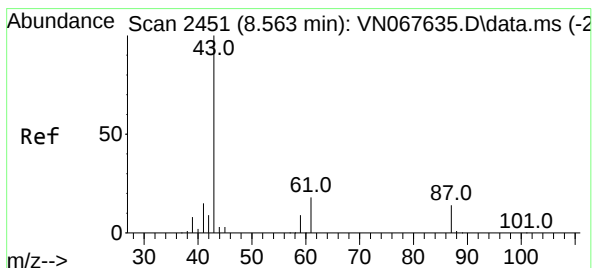
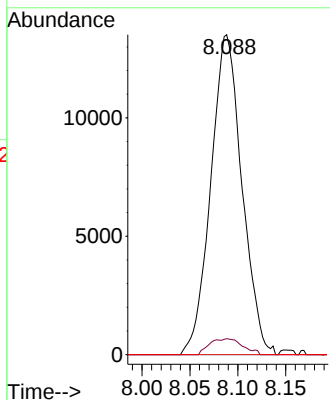
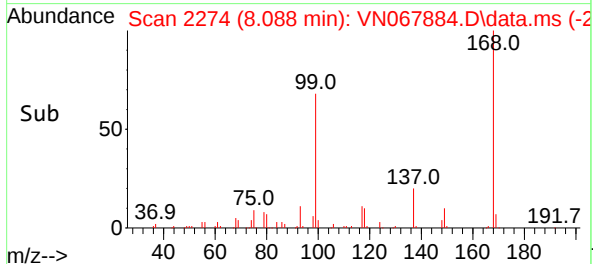


#38
Carbon Tetrachloride
Concen: 6.187 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN067884.D
Acq: 23 Jul 2021 16:53

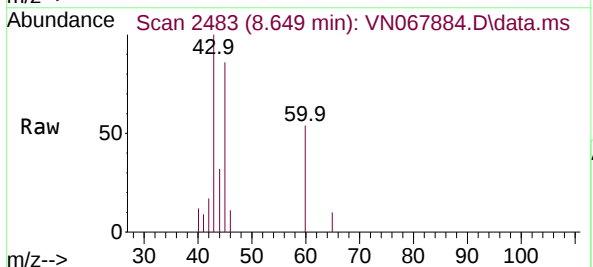
Instrument :
MSVOA_N
ClientSampleId :



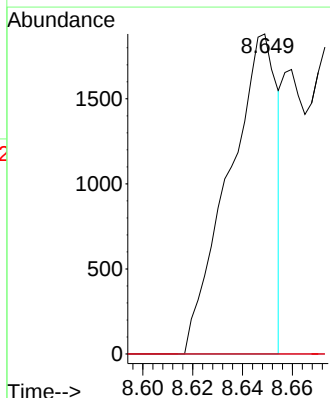
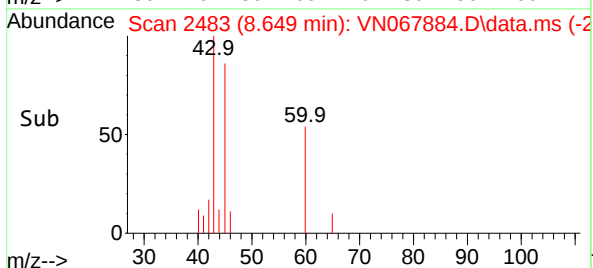
Tgt Ion:117 Resp: 30548
Ion Ratio Lower Upper
117 100
119 5.0 75.4 113.2#
121 0.0 23.5 35.3#

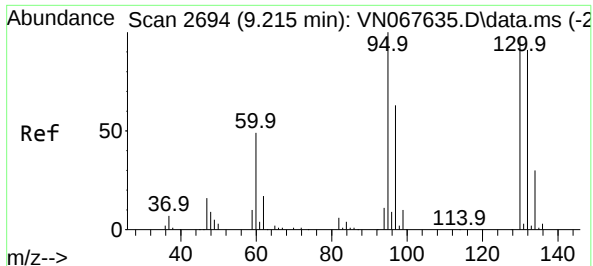


#43
Isopropyl Acetate
Concen: 0.297 ug/l
RT: 8.649 min Scan# 2483
Delta R.T. 0.086 min
Lab File: VN067884.D
Acq: 23 Jul 2021 16:53



Tgt Ion: 43 Resp: 2534
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#

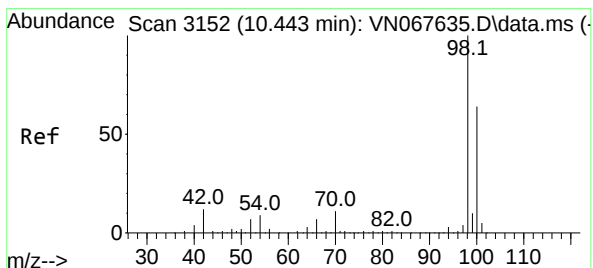
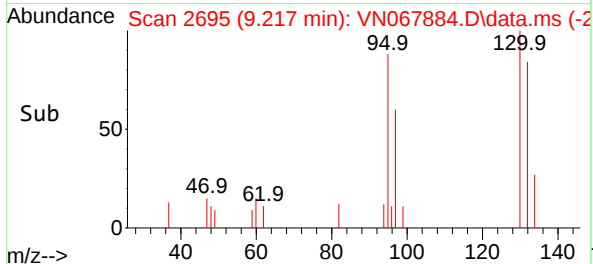
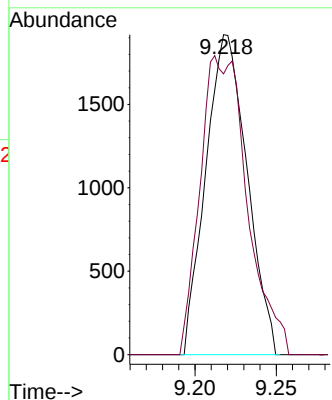
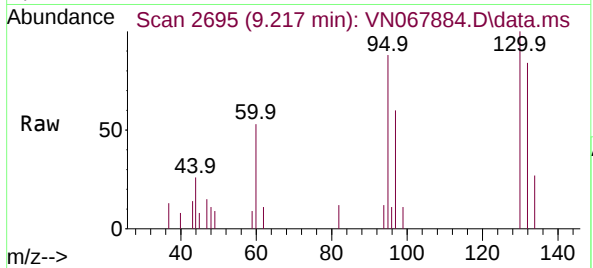




#44
Trichloroethene
Concen: 0.891 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.002 min
Lab File: VN067884.D
Acq: 23 Jul 2021 16:53

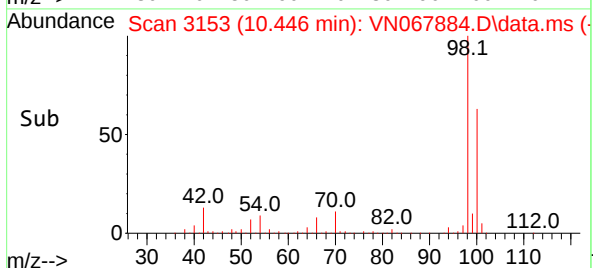
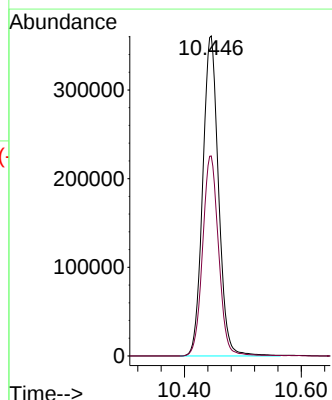
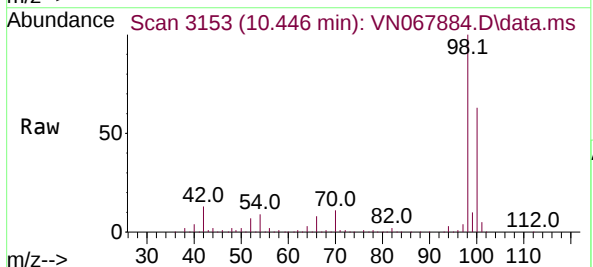
Instrument :
MSVOA_N
ClientSampled :

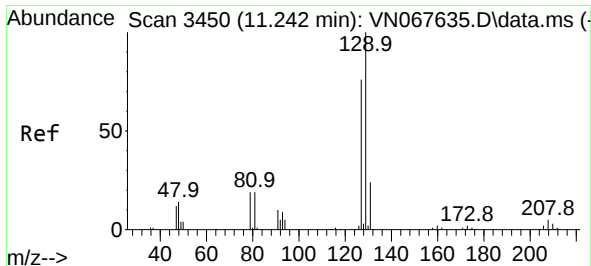
Tgt Ion:130 Resp: 3389
Ion Ratio Lower Upper
130 100
95 87.7 0.0 234.4



#50
Toluene-d8
Concen: 49.726 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067884.D
Acq: 23 Jul 2021 16:53

Tgt Ion: 98 Resp: 677624
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5

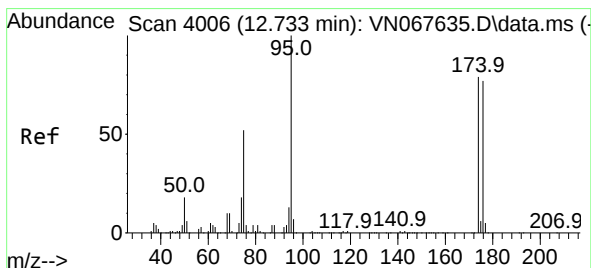
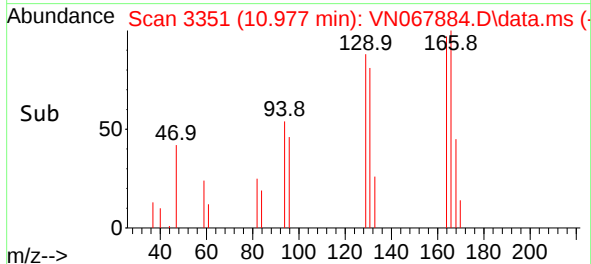
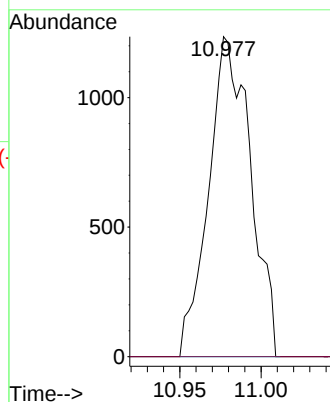
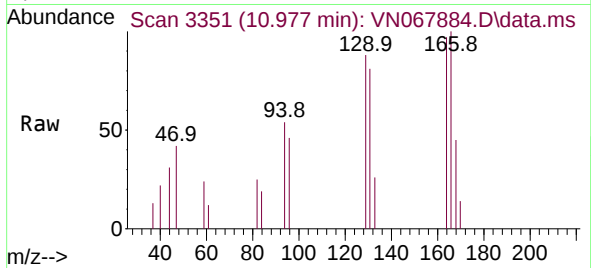




#60
Dibromochloromethane
Concen: 2.815 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.265 min
Lab File: VN067884.D
Acq: 23 Jul 2021 16:53

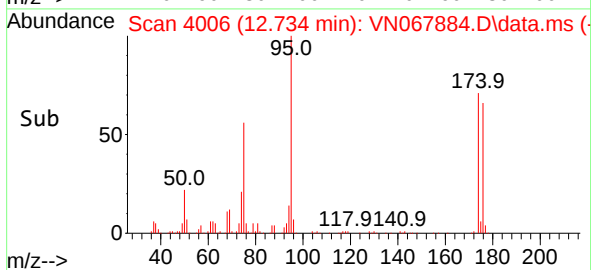
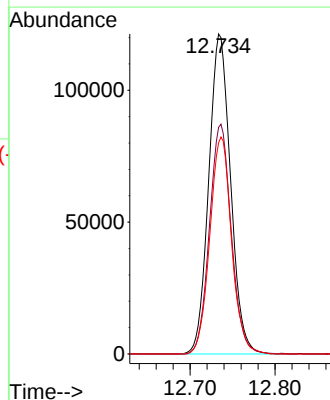
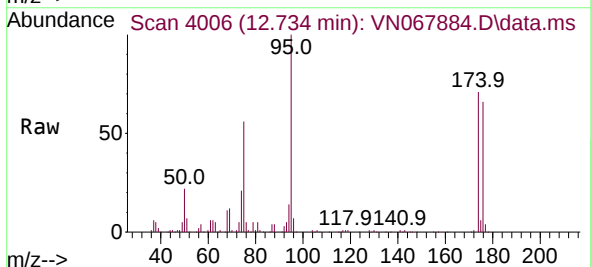
Instrument :
MSVOA_N
ClientSampleId :

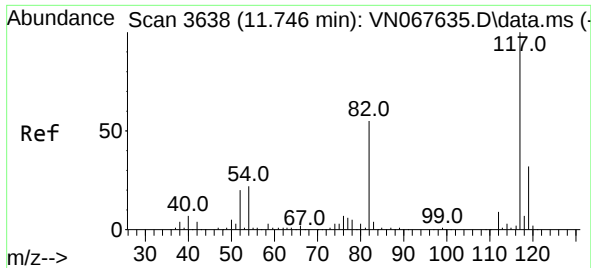
Tgt Ion:129 Resp: 2221
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 44.952 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067884.D
Acq: 23 Jul 2021 16:53

Tgt Ion: 95 Resp: 216396
Ion Ratio Lower Upper
95 100
174 71.8 0.0 122.0
176 67.6 0.0 117.6

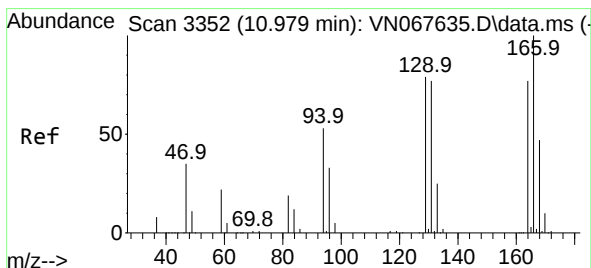
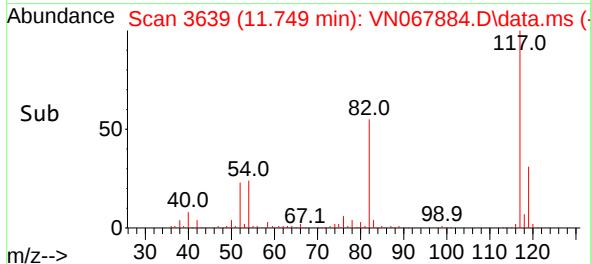
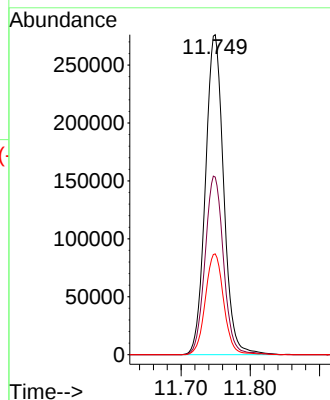
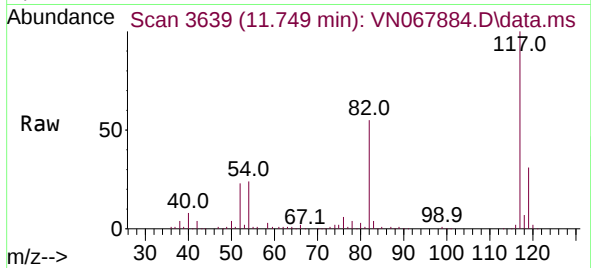




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067884.D
Acq: 23 Jul 2021 16:53

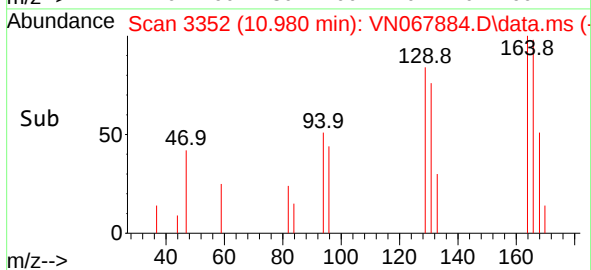
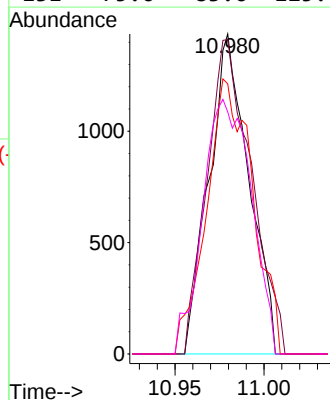
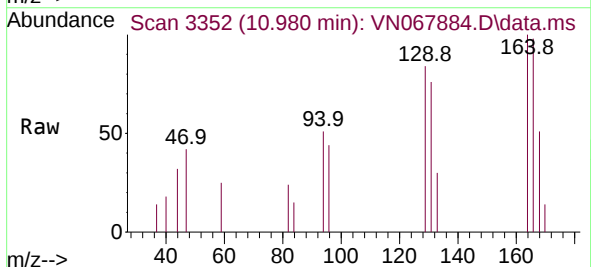
Instrument :
MSVOA_N
ClientSampleId :

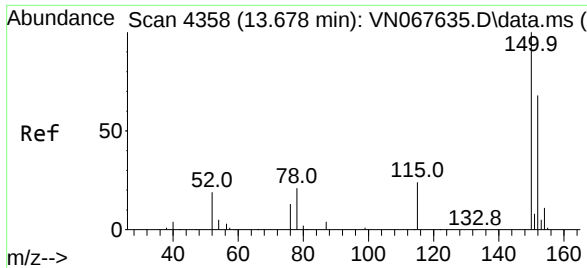
Tgt Ion:117 Resp: 505933
Ion Ratio Lower Upper
117 100
82 55.5 53.1 79.7
119 31.5 25.5 38.3



#64
Tetrachloroethene
Concen: 0.627 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.001 min
Lab File: VN067884.D
Acq: 23 Jul 2021 16:53

Tgt Ion:164 Resp: 2240
Ion Ratio Lower Upper
164 100
166 98.3 102.1 153.1#
129 84.4 86.9 130.3#
131 75.6 83.6 125.4#

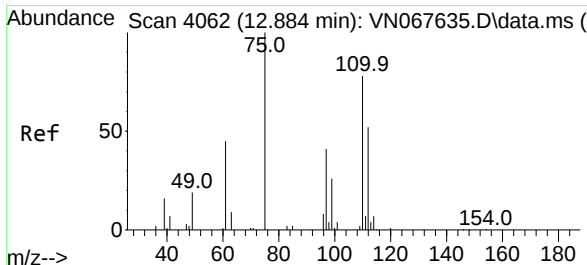
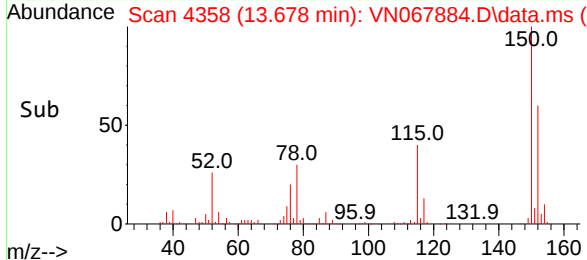
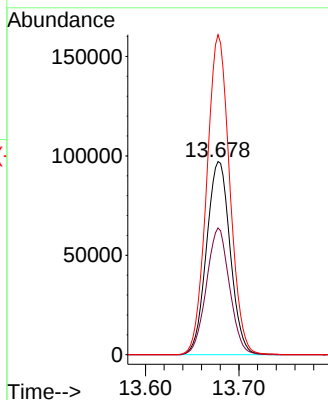
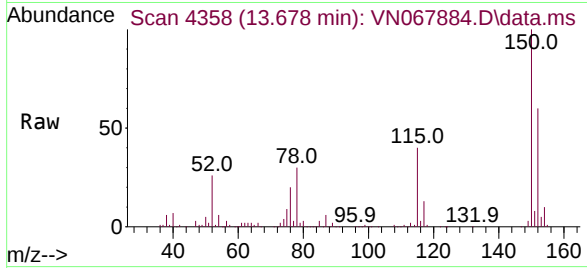




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.000 min
 Lab File: VN067884.D
 Acq: 23 Jul 2021 16:53

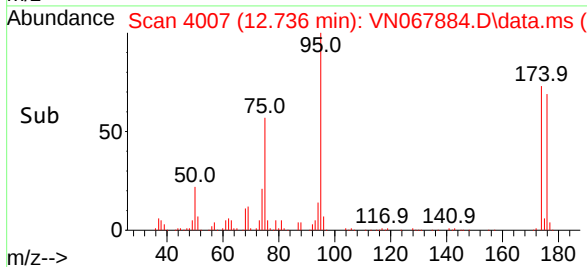
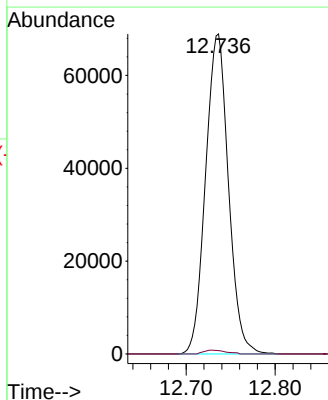
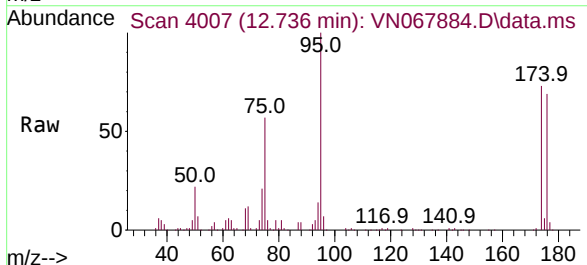
Instrument :
 MSVOA_N
 ClientSampled :

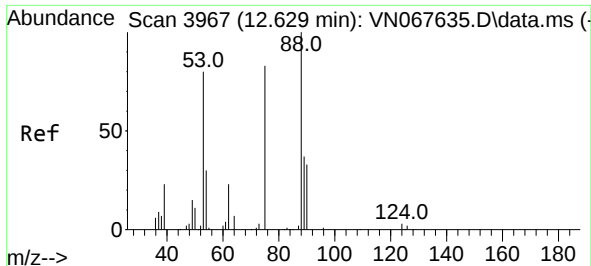
Tgt Ion:152 Resp: 171028
 Ion Ratio Lower Upper
 152 100
 115 64.2 36.1 108.5
 150 160.7 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 35.212 ug/l
 RT: 12.736 min Scan# 4007
 Delta R.T. -0.148 min
 Lab File: VN067884.D
 Acq: 23 Jul 2021 16:53

Tgt Ion: 75 Resp: 122986
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

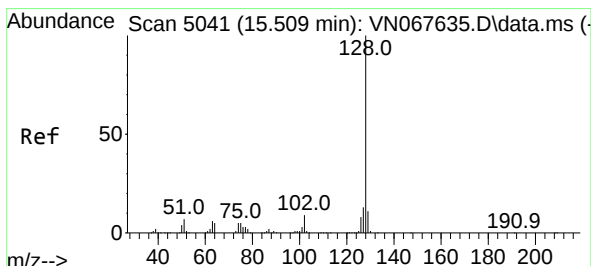
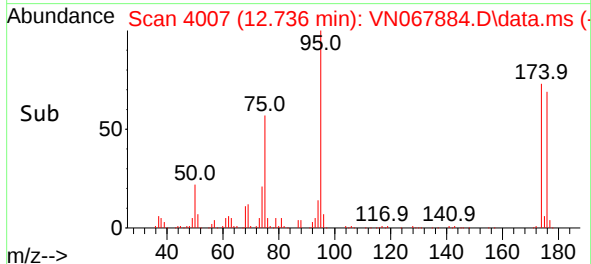
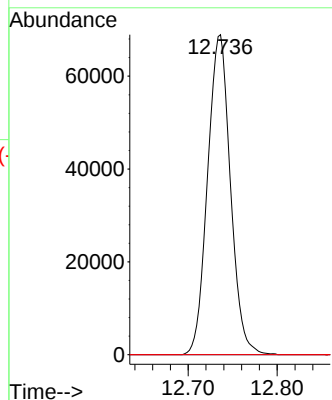
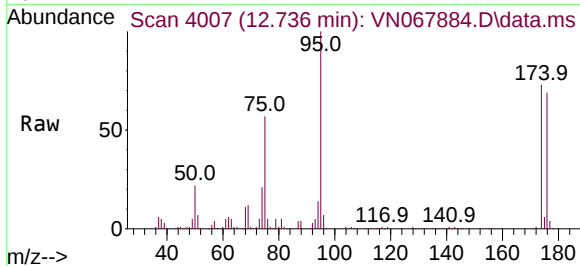




#81
trans-1,4-Dichloro-2-butene
Concen: 113.528 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN067884.D
Acq: 23 Jul 2021 16:53

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 122986
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#95
Naphthalene
Concen: 3.066 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.005 min
Lab File: VN067884.D
Acq: 23 Jul 2021 16:53

Tgt Ion: 128 Resp: 482
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

