

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072321\
 Data File : VN067885.D
 Acq On : 23 Jul 2021 17:17
 Operator : JC/MD
 Sample : M3147-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 24 01:42:57 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)

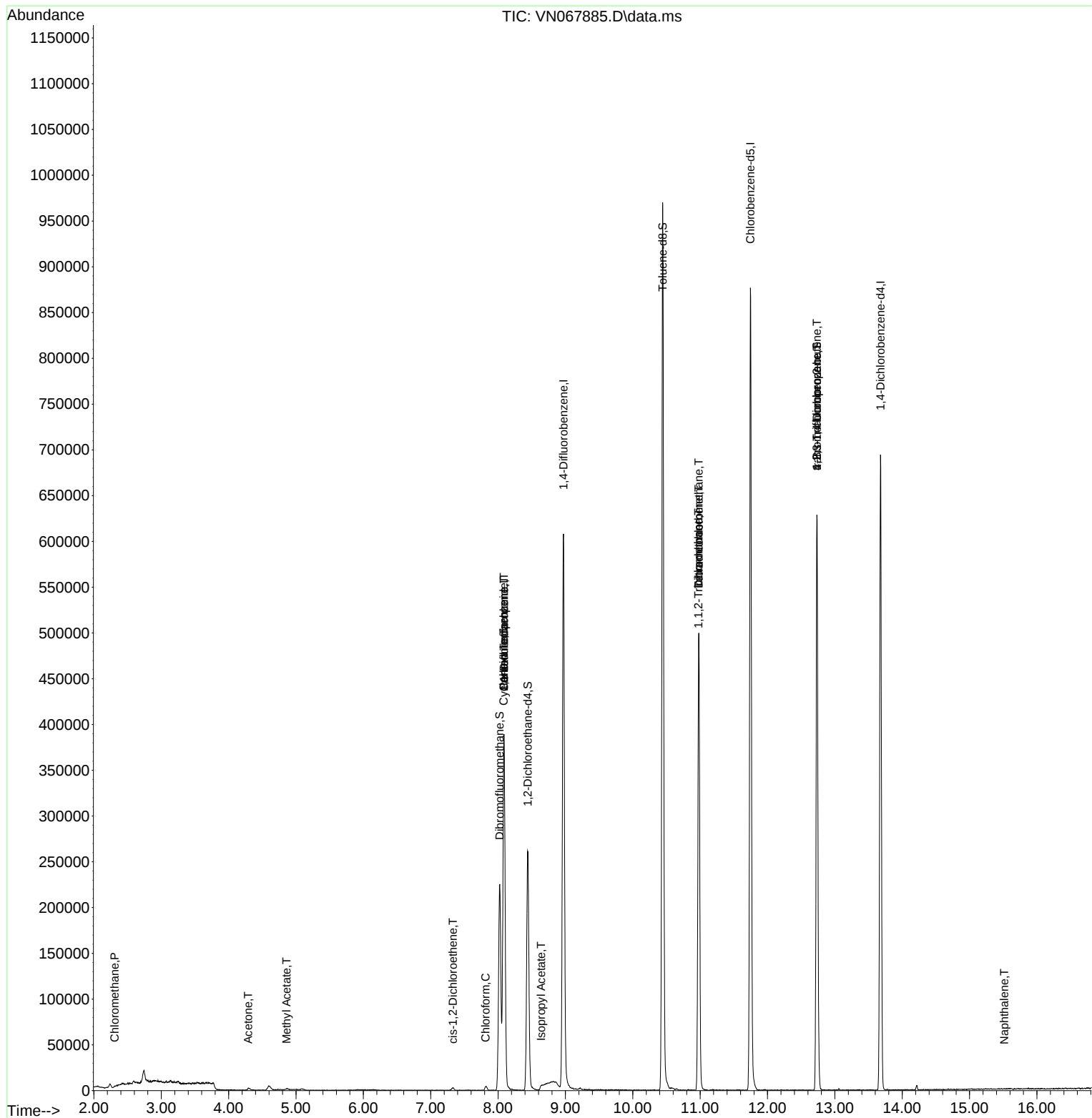
Internal Standards						
1) Pentafluorobenzene	8.088	168	277864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	529928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	507482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	177595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	223557	53.236	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 106.480%		
35) Dibromofluoromethane	8.024	113	163007	50.913	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 101.820%		
50) Toluene-d8	10.443	98	673903	50.286	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 100.580%		
62) 4-Bromofluorobenzene	12.733	95	221586	46.806	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 93.620%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.309	50	908	0.243	ug/l #	87
5) Bromomethane	2.853	94	88	Below Cal	#	4
6) Chloroethane	2.743	64	51	Below Cal	#	1
13) Acrolein	4.044	56	89	Below Cal		84
16) Acetone	4.291	43	1832	1.386	ug/l	92
18) Methyl Acetate	4.859	43	1301	0.351	ug/l #	84
20) Methylene Chloride	5.090	84	1064	Below Cal	#	61
27) cis-1,2-Dichloroethene	7.329	96	1397	0.382	ug/l	66
30) Chloroform	7.815	83	4500	0.697	ug/l	94
31) Cyclohexane	8.083	56	4153	0.705	ug/l #	10
36) 1,1-Dichloropropene	8.086	75	24976	5.074	ug/l #	46
38) Carbon Tetrachloride	8.086	117	30544	6.291	ug/l #	18
43) Isopropyl Acetate	8.638	43	2580	0.308	ug/l #	58
55) 1,1,2-Trichloroethane	10.974	97	1050	0.284	ug/l #	26
60) Dibromochloromethane	10.979	129	109424	25.324	ug/l #	11
64) Tetrachloroethene	10.979	164	106807	29.816	ug/l	95
76) 1,2,3-Trichloropropane	12.733	75	128118	35.325	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	128118	113.892	ug/l #	6
95) Naphthalene	15.517	128	310	3.046	ug/l #	69

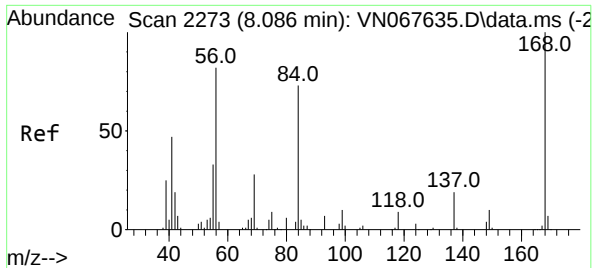
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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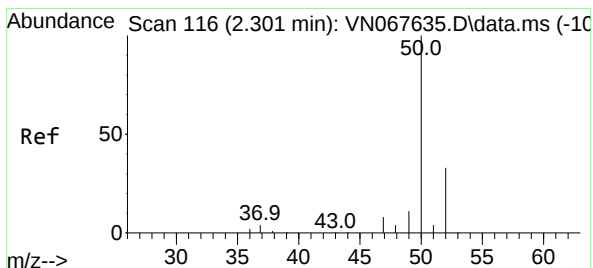
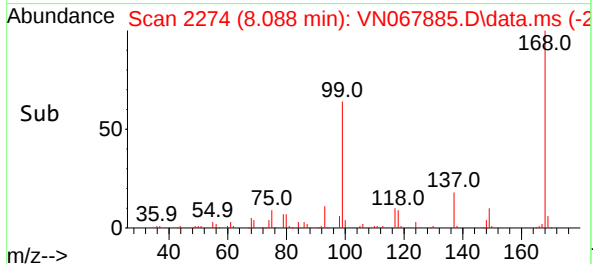
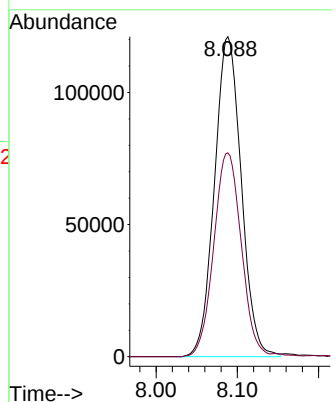
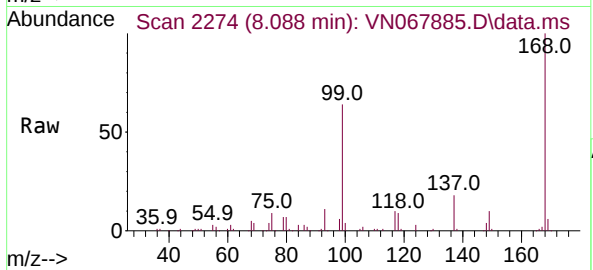




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067885.D
Acq: 23 Jul 2021 17:17

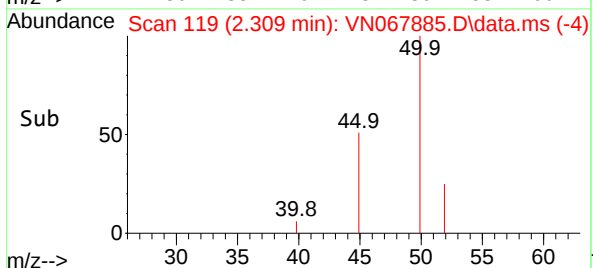
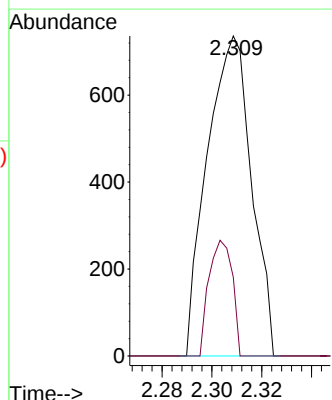
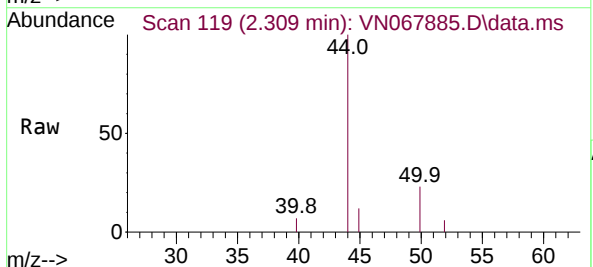
Instrument :
MSVOA_N
ClientSampleId :

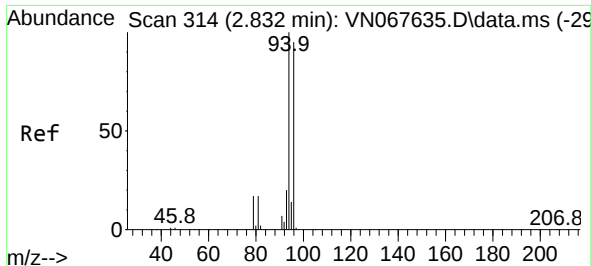
Tgt Ion:168 Resp: 277864
Ion Ratio Lower Upper
168 100
99 63.7 62.9 94.3



#3
Chloromethane
Concen: 0.243 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.008 min
Lab File: VN067885.D
Acq: 23 Jul 2021 17:17

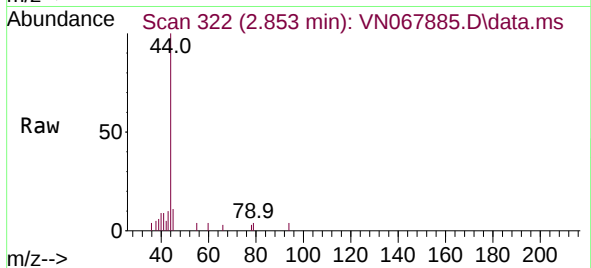
Tgt Ion: 50 Resp: 908
Ion Ratio Lower Upper
50 100
52 24.6 25.6 38.4#



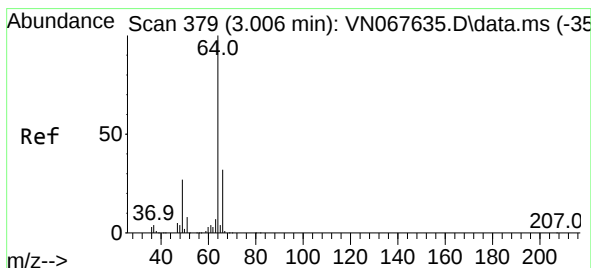
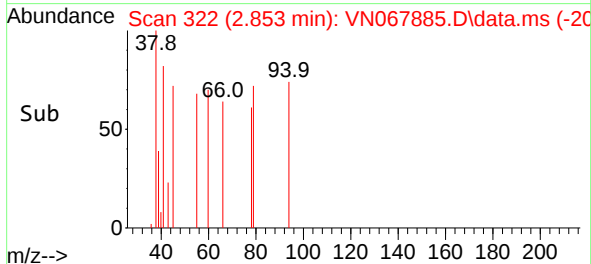
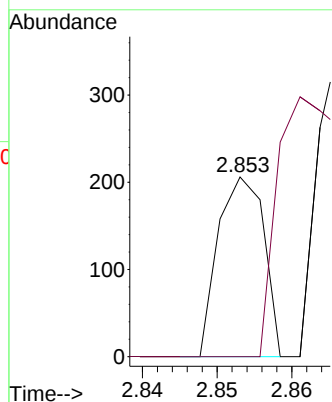


#5
Bromomethane
Concen: Below Cal
RT: 2.853 min Scan# 322
Delta R.T. 0.021 min
Lab File: VN067885.D
Acq: 23 Jul 2021 17:17

Instrument :
MSVOA_N
ClientSampled :

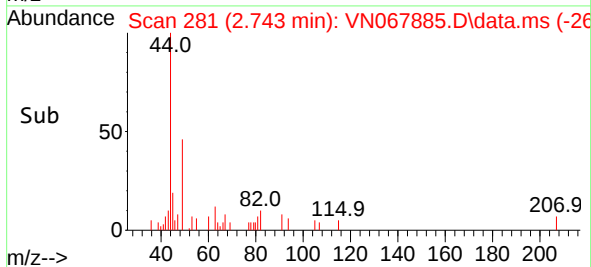
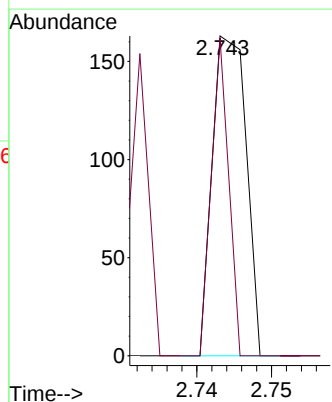
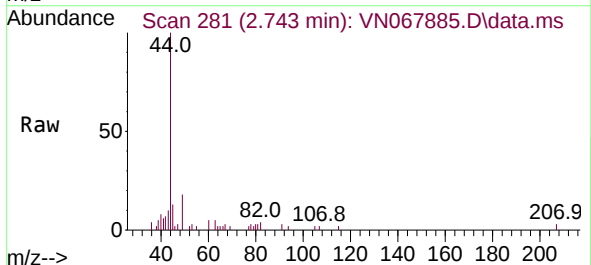


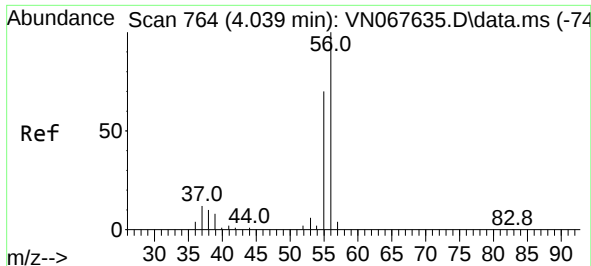
Tgt Ion: 94 Resp: 88
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 2.743 min Scan# 281
Delta R.T. -0.263 min
Lab File: VN067885.D
Acq: 23 Jul 2021 17:17

Tgt Ion: 64 Resp: 51
Ion Ratio Lower Upper
64 100
66 99.4 24.7 37.1#

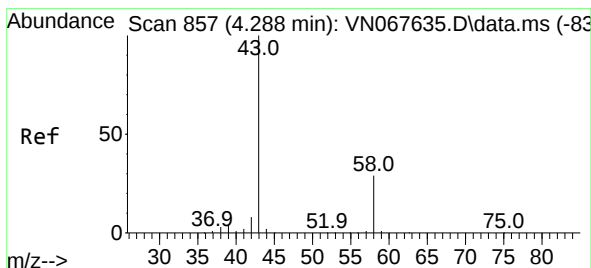
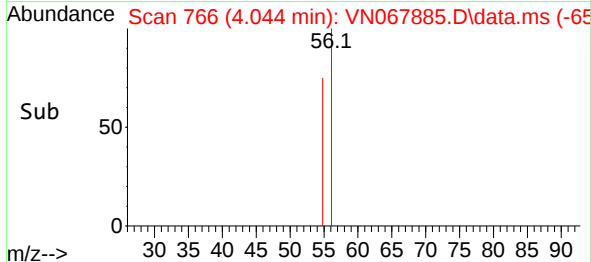
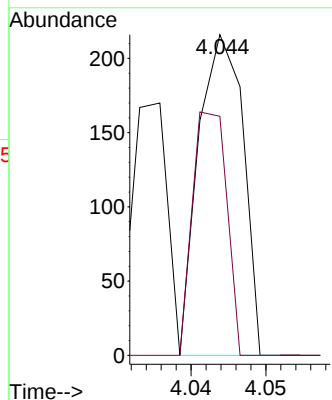
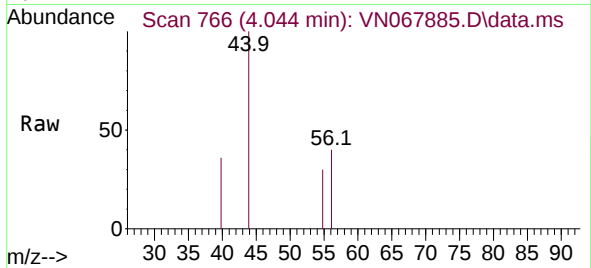




#13
Acrolein
Concen: Below Cal
RT: 4.044 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN067885.D
Acq: 23 Jul 2021 17:17

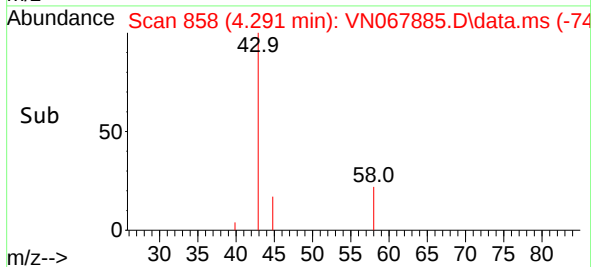
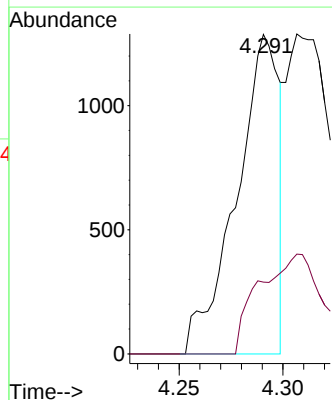
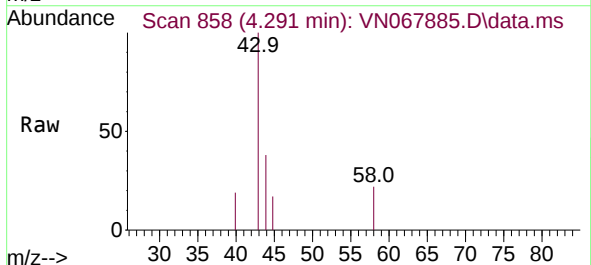
Instrument :
MSVOA_N
ClientSampled :

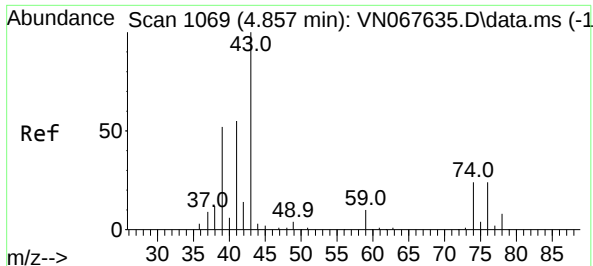
Tgt Ion: 56 Resp: 89
Ion Ratio Lower Upper
56 100
55 58.4 57.4 86.0



#16
Acetone
Concen: 1.386 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN067885.D
Acq: 23 Jul 2021 17:17

Tgt Ion: 43 Resp: 1832
Ion Ratio Lower Upper
43 100
58 22.5 21.2 31.8

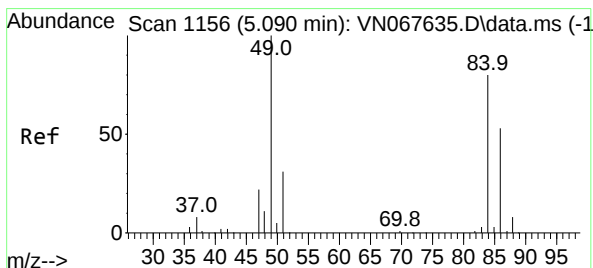
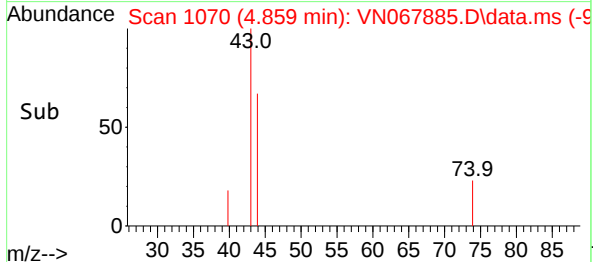
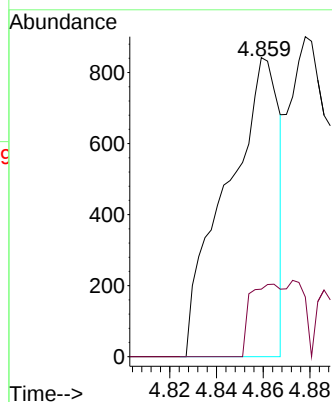
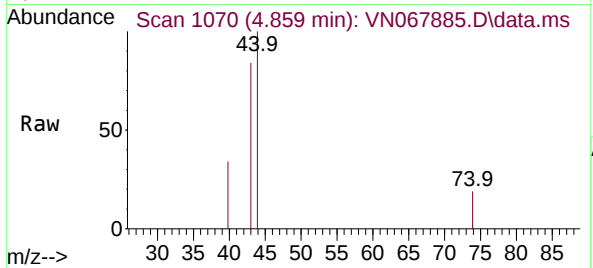




#18
Methyl Acetate
Concen: 0.351 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.002 min
Lab File: VN067885.D
Acq: 23 Jul 2021 17:17

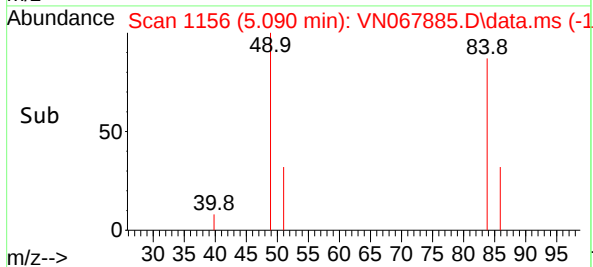
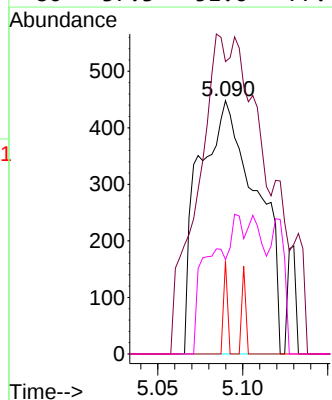
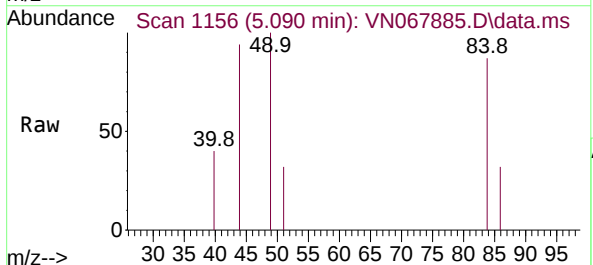
Instrument :
MSVOA_N
ClientSampled :

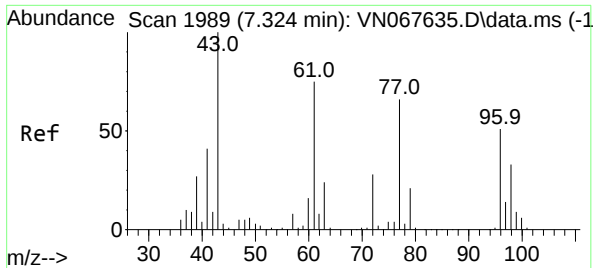
Tgt Ion: 43 Resp: 1301
Ion Ratio Lower Upper
43 100
74 14.2 17.4 26.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.090 min Scan# 1156
Delta R.T. -0.000 min
Lab File: VN067885.D
Acq: 23 Jul 2021 17:17

Tgt Ion: 84 Resp: 1064
Ion Ratio Lower Upper
84 100
49 77.2 110.9 166.3#
51 36.8 32.6 49.0
86 37.3 51.6 77.4#

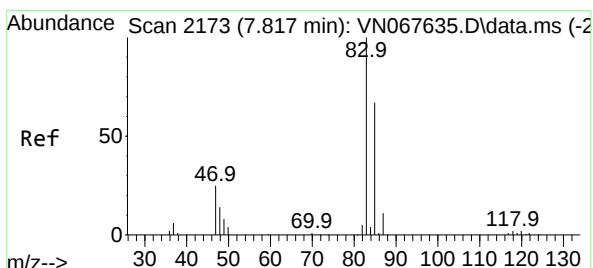
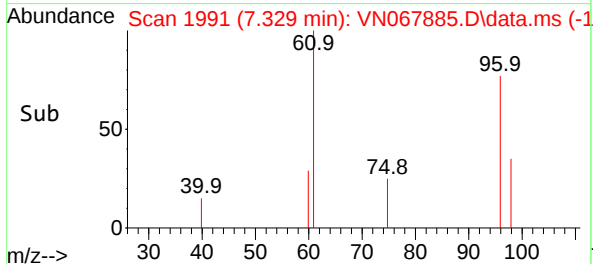
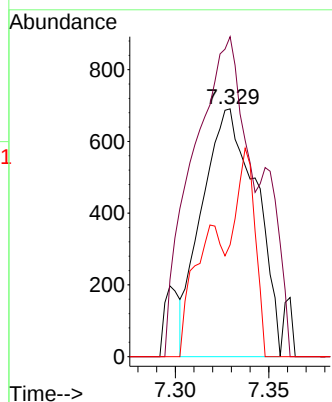
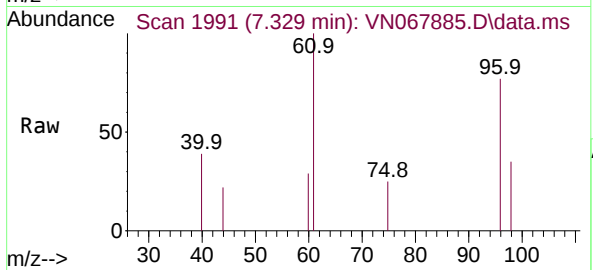




#27
cis-1,2-Dichloroethene
Concen: 0.382 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.005 min
Lab File: VN067885.D
Acq: 23 Jul 2021 17:17

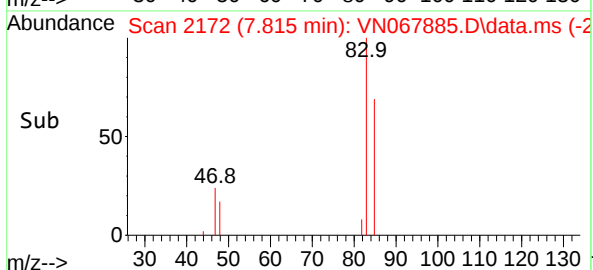
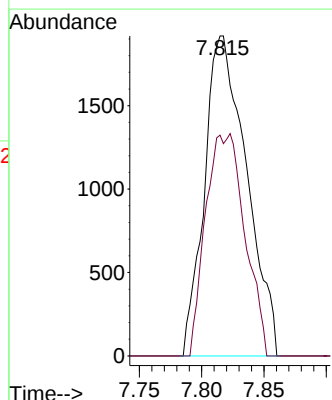
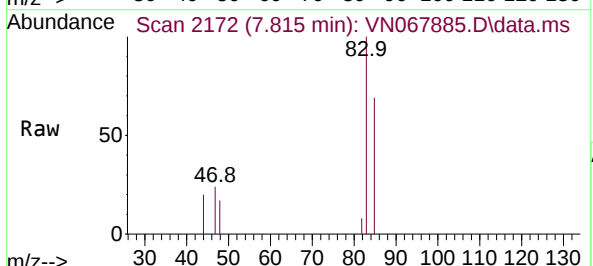
Instrument :
MSVOA_N
ClientSampled :

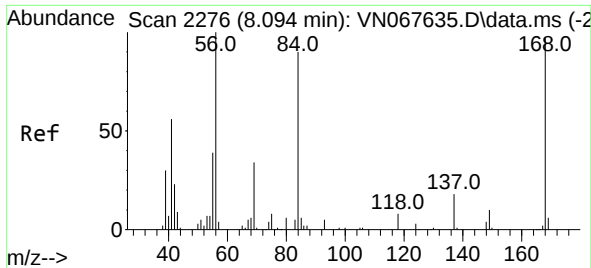
Tgt Ion: 96 Resp: 1397
Ion Ratio Lower Upper
96 100
61 127.0 0.0 338.8
98 32.7 0.0 129.8



#30
Chloroform
Concen: 0.697 ug/l
RT: 7.815 min Scan# 2172
Delta R.T. -0.002 min
Lab File: VN067885.D
Acq: 23 Jul 2021 17:17

Tgt Ion: 83 Resp: 4500
Ion Ratio Lower Upper
83 100
85 69.0 51.5 77.3

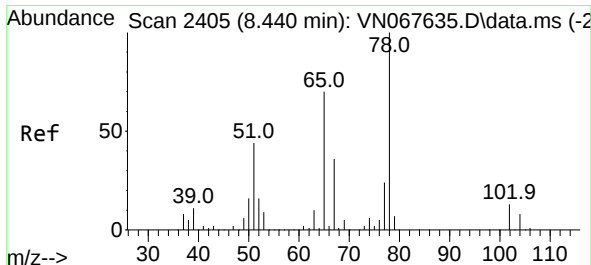
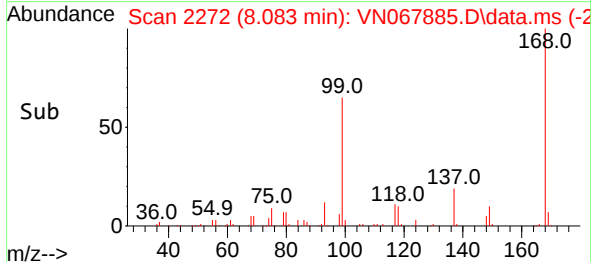
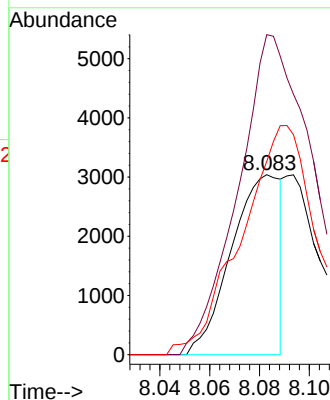
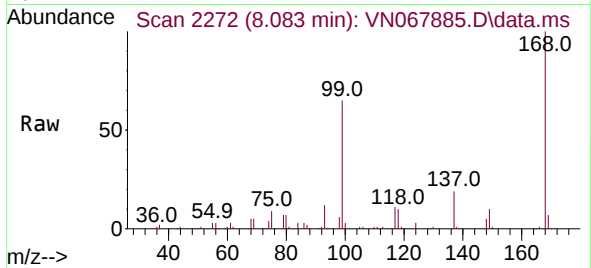




#31
Cyclohexane
Concen: 0.705 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN067885.D
Acq: 23 Jul 2021 17:17

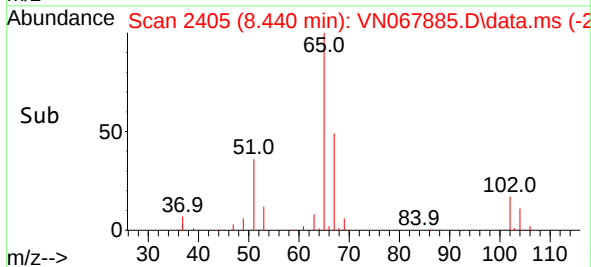
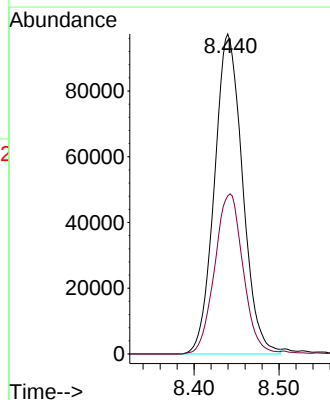
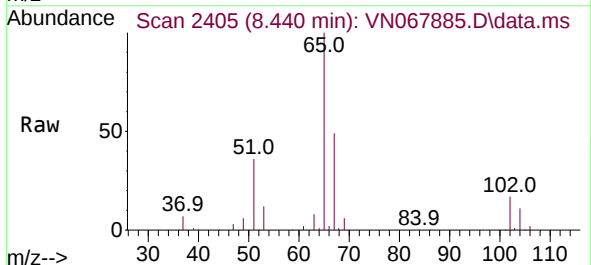
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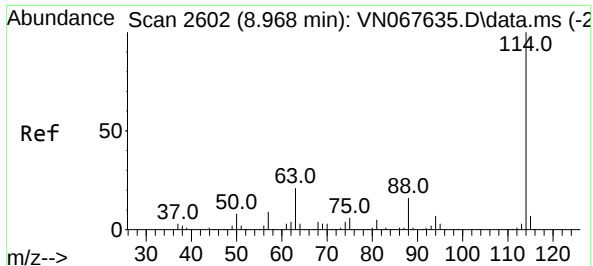
Tgt Ion: 56 Resp: 4153
Ion Ratio Lower Upper
56 100
69 177.7 27.3 40.9#
84 101.6 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 53.236 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067885.D
Acq: 23 Jul 2021 17:17

Tgt Ion: 65 Resp: 223557
Ion Ratio Lower Upper
65 100
67 50.5 0.0 98.6

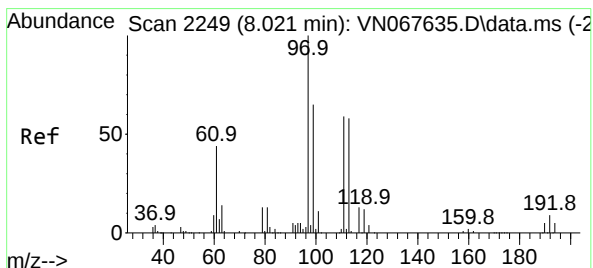
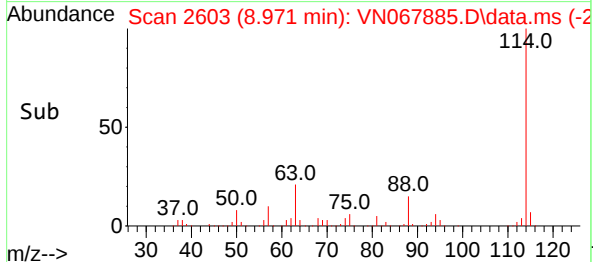
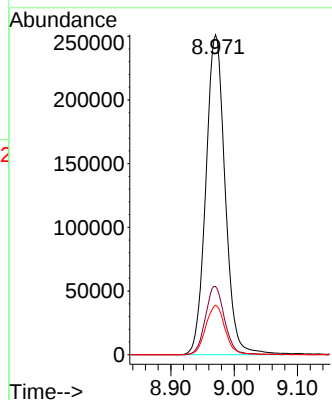
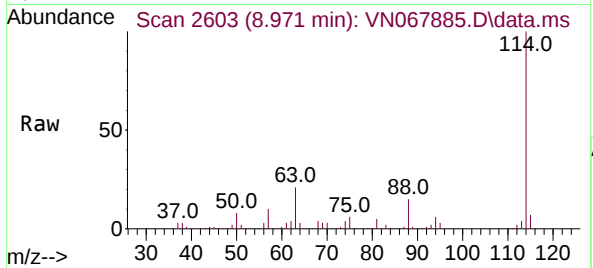




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067885.D
Acq: 23 Jul 2021 17:17

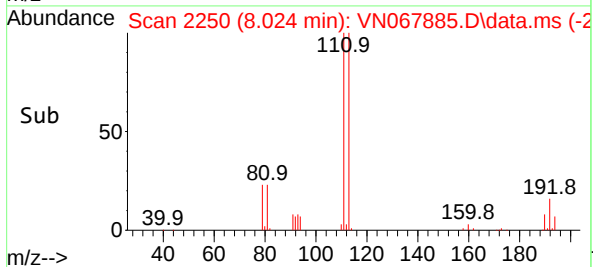
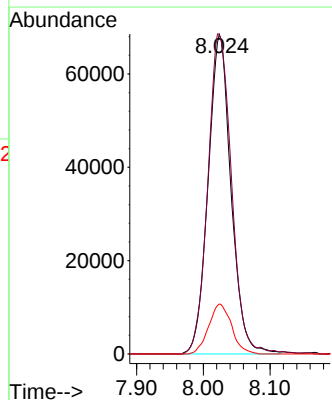
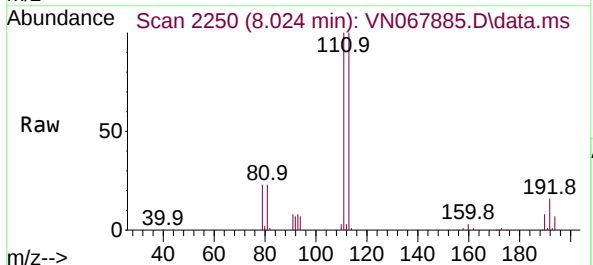
Instrument :
MSVOA_N
ClientSampled :

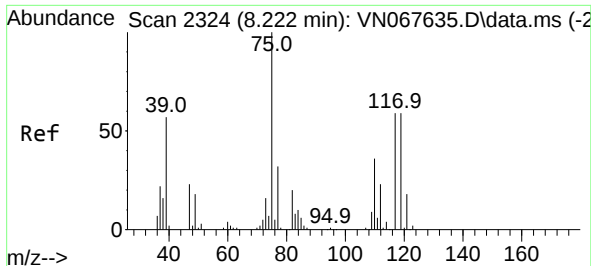
Tgt Ion:114 Resp: 529928
Ion Ratio Lower Upper
114 100
63 21.3 0.0 49.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.913 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067885.D
Acq: 23 Jul 2021 17:17

Tgt Ion:113 Resp: 163007
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.8
192 15.7 13.4 20.0

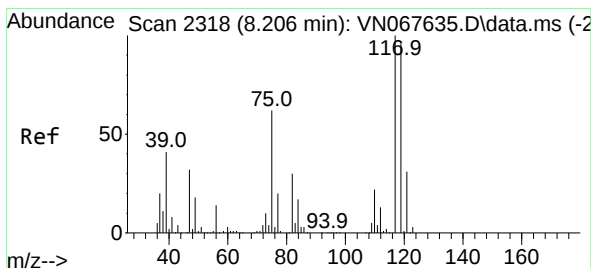
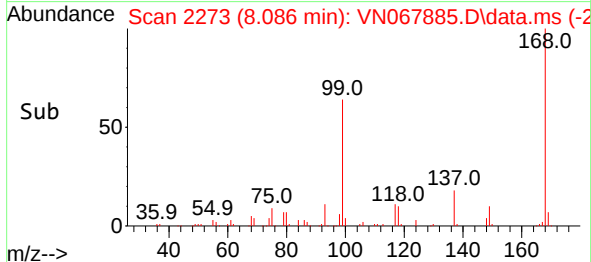
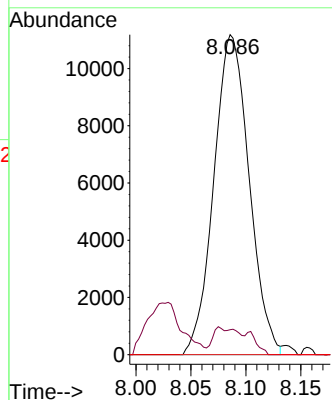
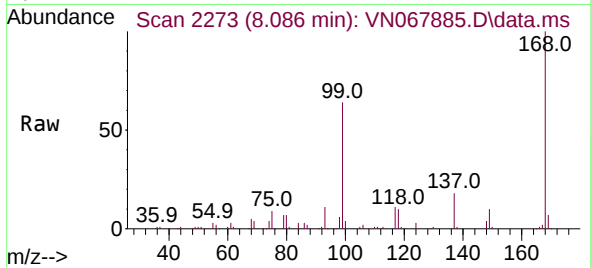




#36
1,1-Dichloropropene
Concen: 5.074 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN067885.D
Acq: 23 Jul 2021 17:17

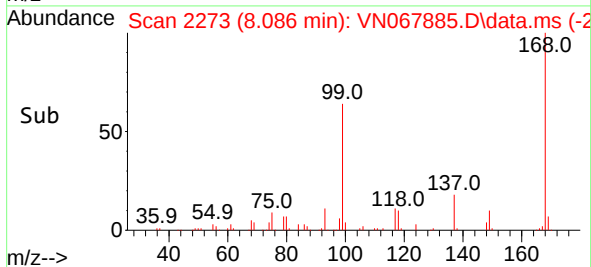
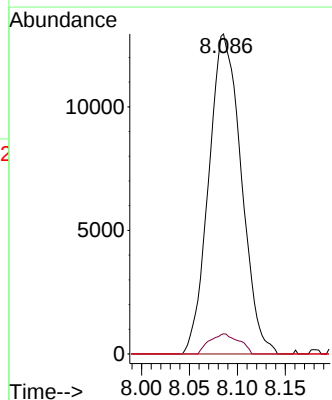
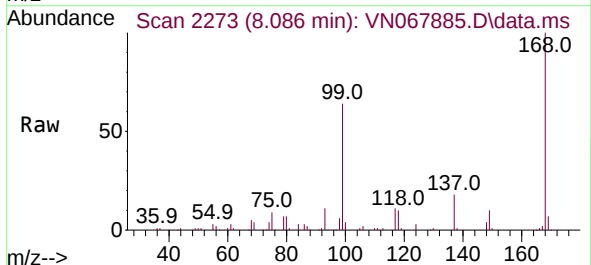
Instrument :
MSVOA_N
ClientSampled :

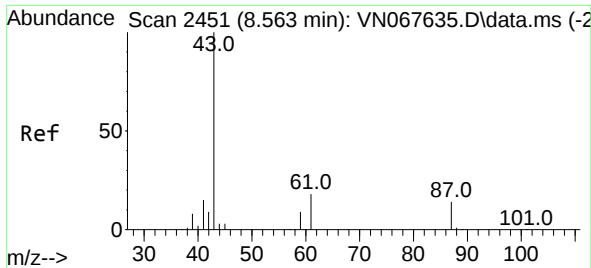
Tgt Ion: 75 Resp: 24976
Ion Ratio Lower Upper
75 100
110 2.4 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.291 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN067885.D
Acq: 23 Jul 2021 17:17

Tgt Ion: 117 Resp: 30544
Ion Ratio Lower Upper
117 100
119 6.3 75.4 113.2#
121 0.0 23.5 35.3#

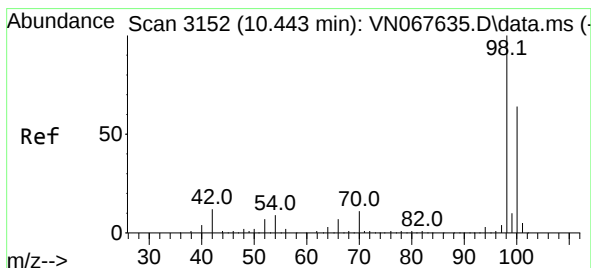
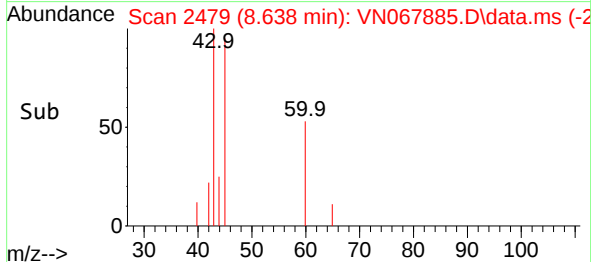
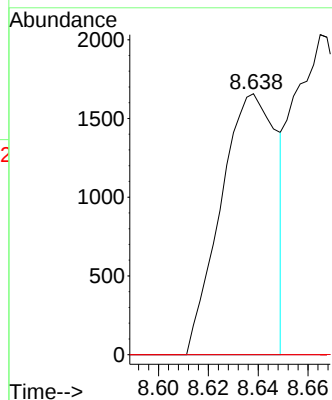
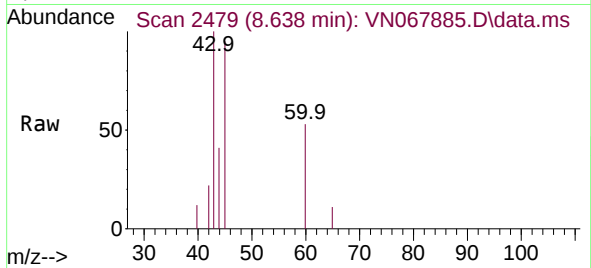




#43
Isopropyl Acetate
Concen: 0.308 ug/l
RT: 8.638 min Scan# 2479
Delta R.T. 0.075 min
Lab File: VN067885.D
Acq: 23 Jul 2021 17:17

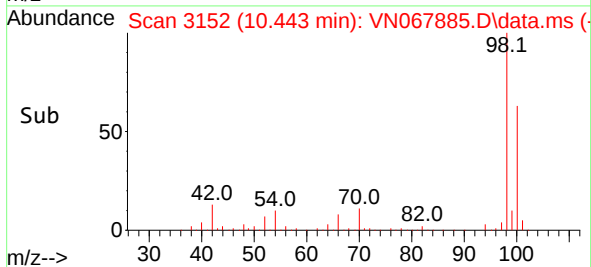
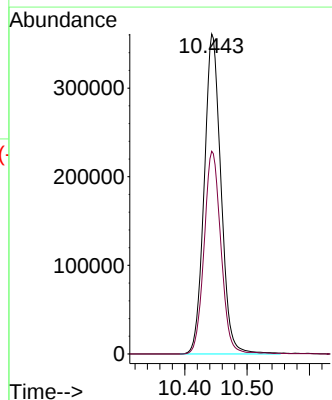
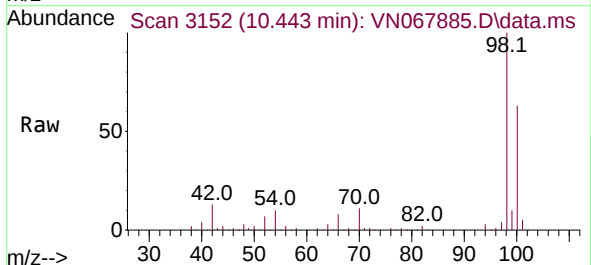
Instrument :
MSVOA_N
ClientSampled :

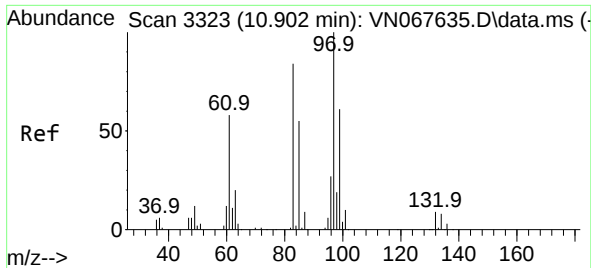
Tgt Ion: 43 Resp: 2580
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#



#50
Toluene-d8
Concen: 50.286 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067885.D
Acq: 23 Jul 2021 17:17

Tgt Ion: 98 Resp: 673903
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5

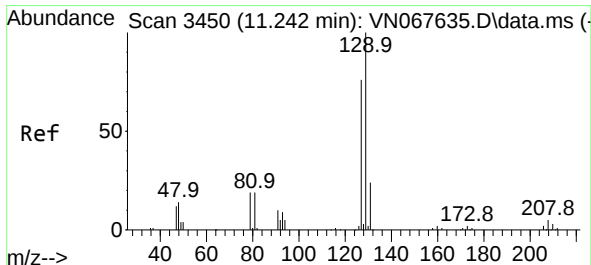
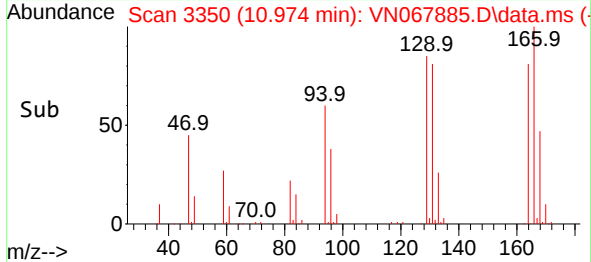
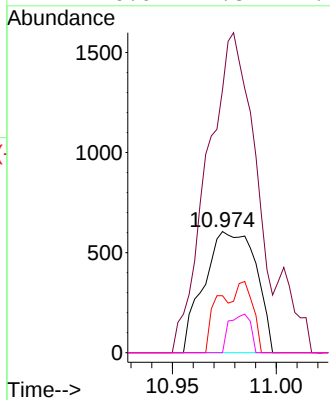
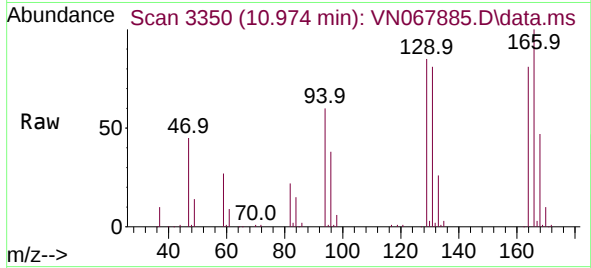




#55
1,1,2-Trichloroethane
Concen: 0.284 ug/l
RT: 10.974 min Scan# 3350
Delta R.T. 0.072 min
Lab File: VN067885.D
Acq: 23 Jul 2021 17:17

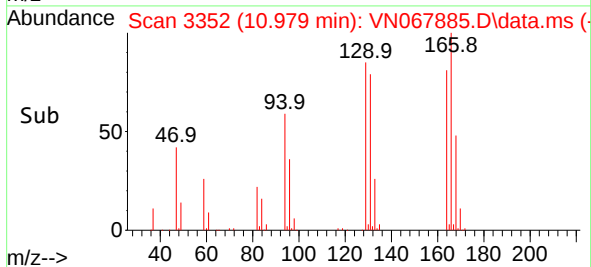
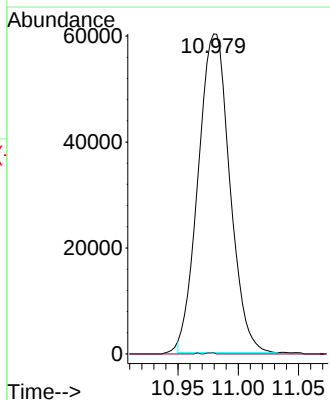
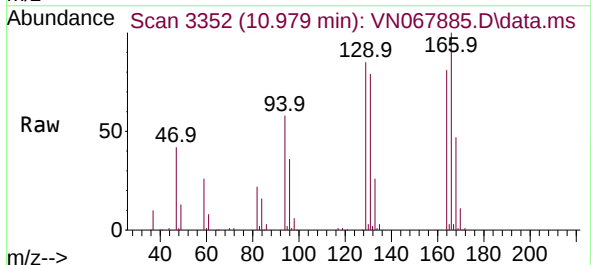
Instrument :
MSVOA_N
ClientSampled :

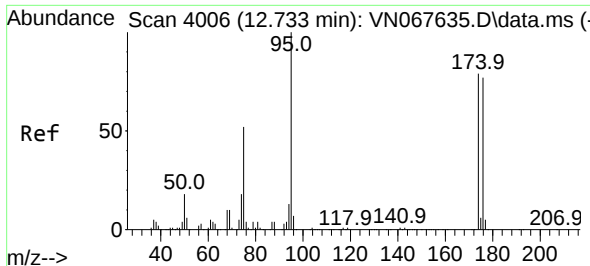
Tgt Ion: 97	Resp: 1050
Ion Ratio	Lower Upper
97 100	
83 192.2	72.0 108.0#
85 47.1	46.8 70.2
99 0.0	49.8 74.6#



#60
Dibromochloromethane
Concen: 25.324 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.263 min
Lab File: VN067885.D
Acq: 23 Jul 2021 17:17

Tgt Ion: 129	Resp: 109424
Ion Ratio	Lower Upper
129 100	
127 0.1	38.6 115.8#

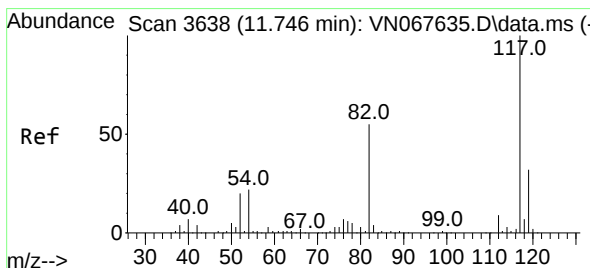
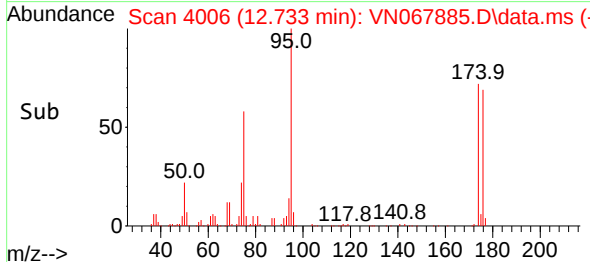
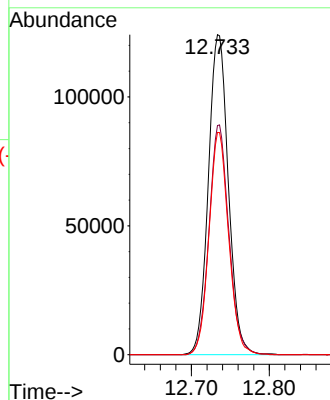
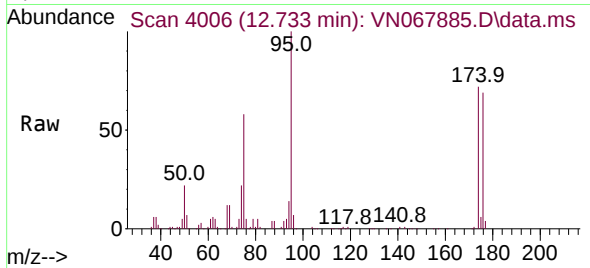




#62
4-Bromofluorobenzene
Concen: 46.806 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067885.D
Acq: 23 Jul 2021 17:17

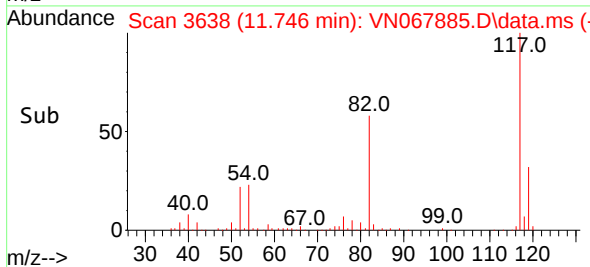
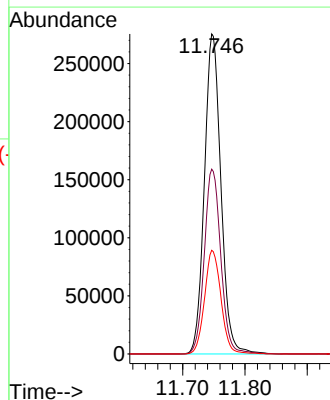
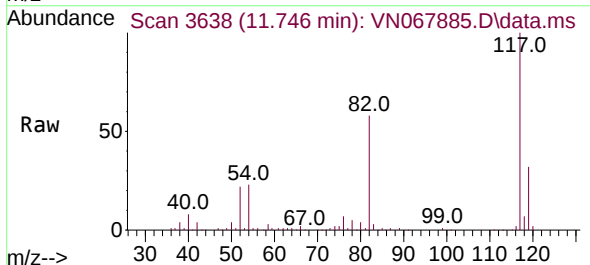
Instrument :
MSVOA_N
ClientSampled :

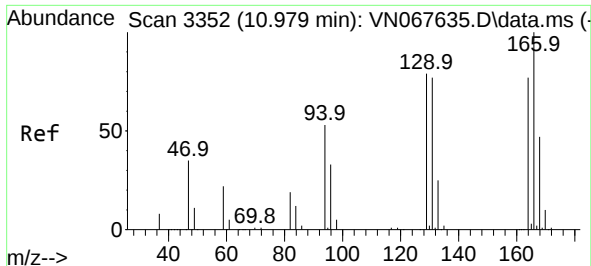
Tgt Ion: 95 Resp: 221586
Ion Ratio Lower Upper
95 100
174 71.2 0.0 122.0
176 68.2 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067885.D
Acq: 23 Jul 2021 17:17

Tgt Ion: 117 Resp: 507482
Ion Ratio Lower Upper
117 100
82 57.8 53.1 79.7
119 32.4 25.5 38.3

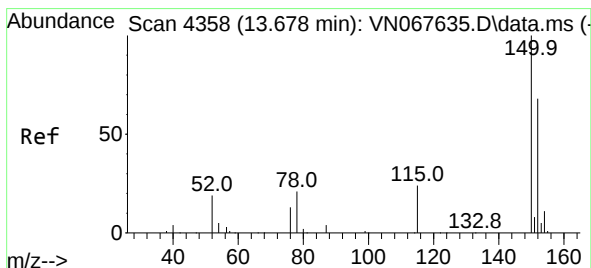
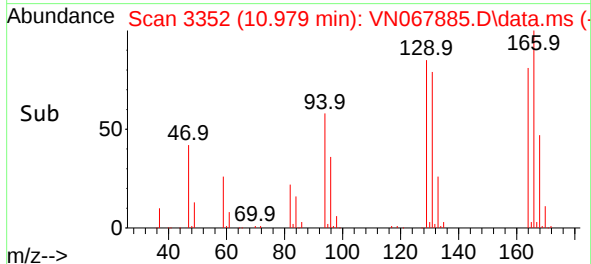
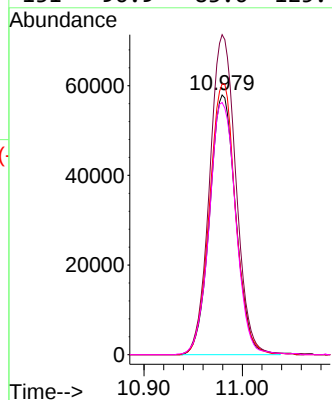
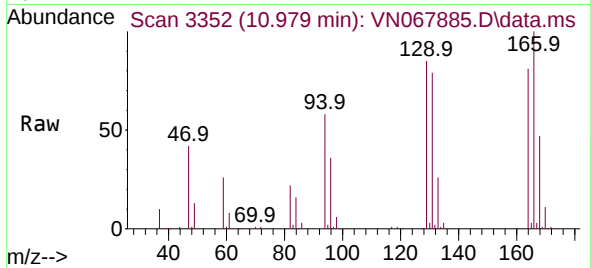




#64
Tetrachloroethene
Concen: 29.816 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN067885.D
Acq: 23 Jul 2021 17:17

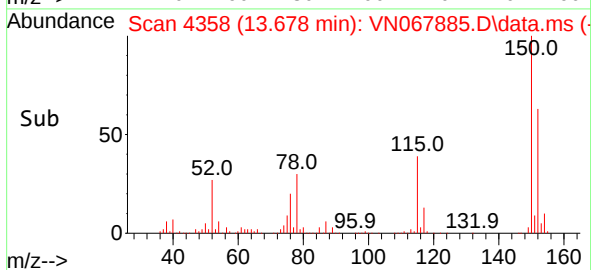
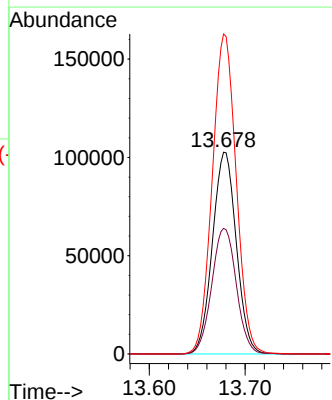
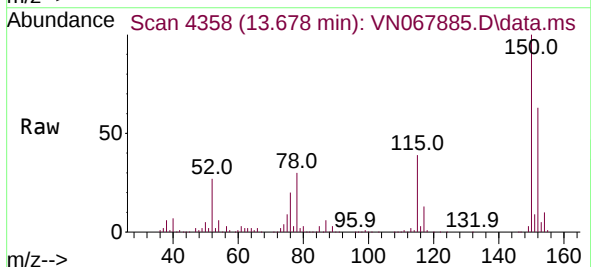
Instrument :
MSVOA_N
ClientSampleId :

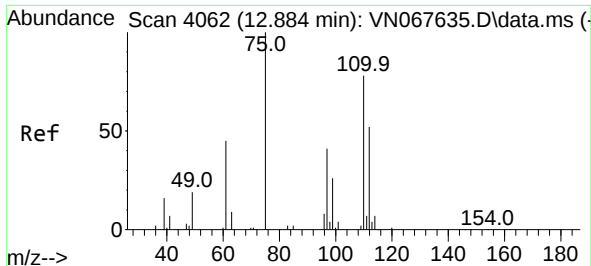
Tgt Ion:164 Resp: 106807
Ion Ratio Lower Upper
164 100
166 123.3 102.1 153.1
129 104.3 86.9 130.3
131 96.9 83.6 125.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN067885.D
Acq: 23 Jul 2021 17:17

Tgt Ion:152 Resp: 177595
Ion Ratio Lower Upper
152 100
115 64.1 36.1 108.5
150 158.9 0.0 351.8

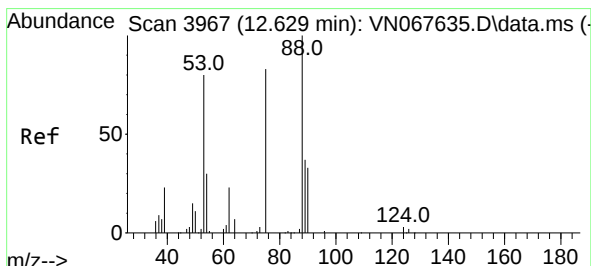
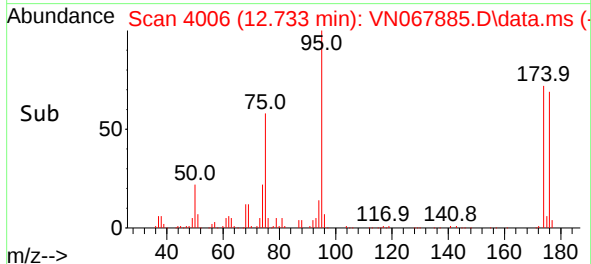
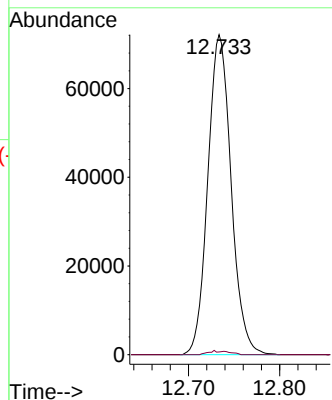
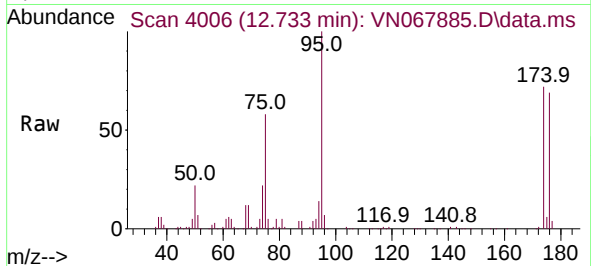




#76
1,2,3-Trichloropropane
Concen: 35.325 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067885.D
Acq: 23 Jul 2021 17:17

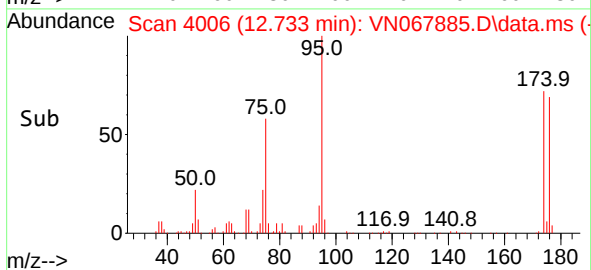
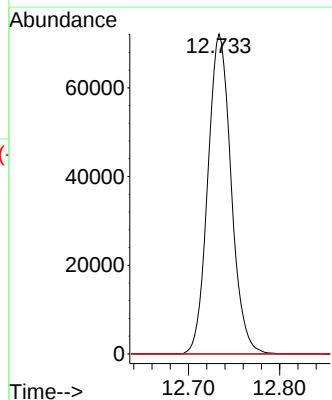
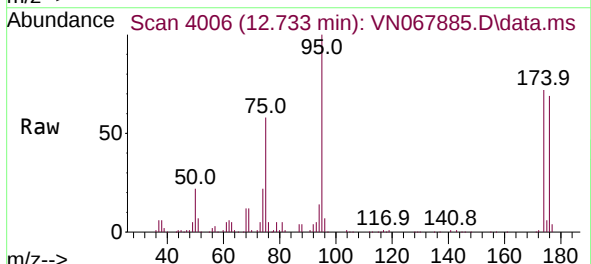
Instrument :
MSVOA_N
ClientSampleId :

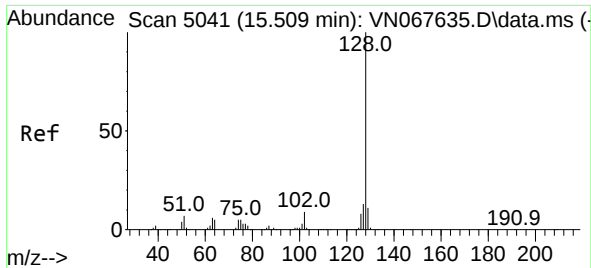
Tgt Ion: 75 Resp: 128118
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.892 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067885.D
Acq: 23 Jul 2021 17:17

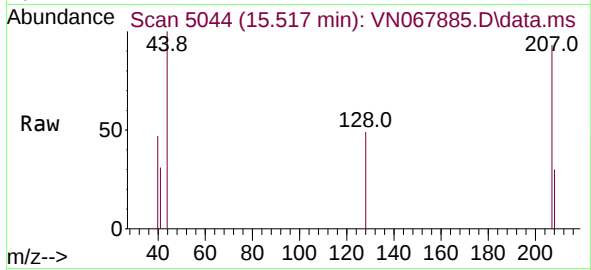
Tgt Ion: 75 Resp: 128118
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 3.046 ug/l
RT: 15.517 min Scan# 5044
Delta R.T. 0.008 min
Lab File: VN067885.D
Acq: 23 Jul 2021 17:17

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 310
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

