

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072321\
 Data File : VN067883.D
 Acq On : 23 Jul 2021 16:28
 Operator : JC/MD
 Sample : M3147-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 24 01:42:39 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)

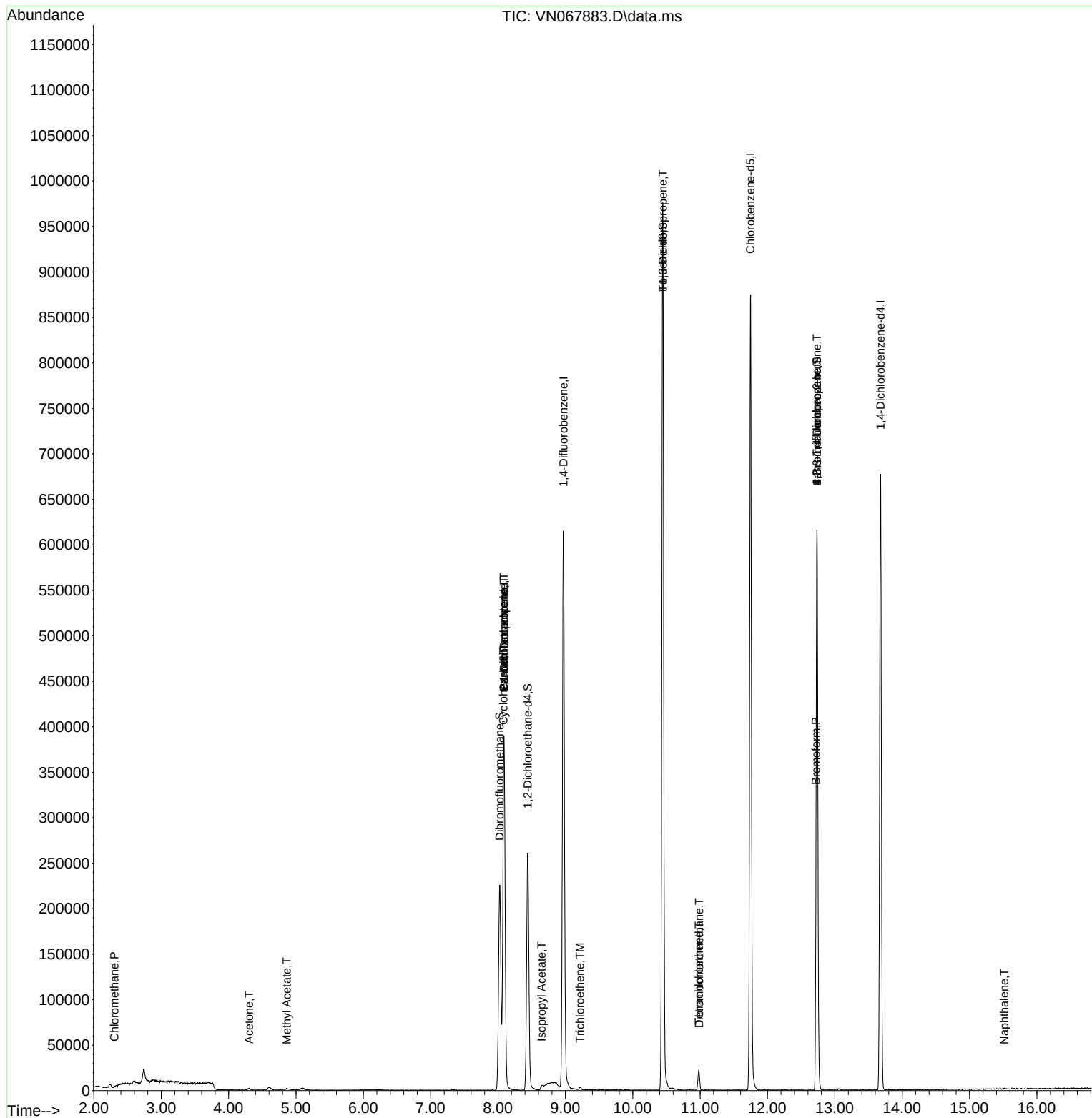
Internal Standards						
1) Pentafluorobenzene	8.086	168	280433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	540654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	509292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	177783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	226631	53.473	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.940%			
35) Dibromofluoromethane	8.024	113	165111	50.547	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.100%			
50) Toluene-d8	10.446	98	681213	49.823	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.640%			
62) 4-Bromofluorobenzene	12.733	95	220845	45.724	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.440%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.303	50	917	0.243	ug/l	89
5) Bromomethane	2.840	94	84	Below Cal	#	4
6) Chloroethane	3.033	64	51	Below Cal	#	44
13) Acrolein	4.052	56	126	Below Cal	#	14
16) Acetone	4.304	43	3739	2.804	ug/l	92
18) Methyl Acetate	4.864	43	1568	0.419	ug/l	# 68
20) Methylene Chloride	5.095	84	975	Below Cal	#	58
31) Cyclohexane	8.080	56	4991	0.840	ug/l	# 56
36) 1,1-Dichloropropene	8.086	75	25909	5.159	ug/l	# 48
38) Carbon Tetrachloride	8.086	117	30682	6.194	ug/l	# 17
43) Isopropyl Acetate	8.646	43	2121	0.248	ug/l	# 58
44) Trichloroethene	9.215	130	857	0.225	ug/l	87
53) t-1,3-Dichloropropene	10.446	75	52	1.752	ug/l	# 43
60) Dibromochloromethane	10.985	129	4895	3.364	ug/l	# 11
64) Tetrachloroethene	10.982	164	4800	1.335	ug/l	90
71) Bromoform	12.720	173	354	3.277	ug/l	# 1
76) 1,2,3-Trichloropropane	12.733	75	122698	33.795	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.733	75	122698	108.959	ug/l	# 6
95) Naphthalene	15.515	128	324	3.047	ug/l	# 69

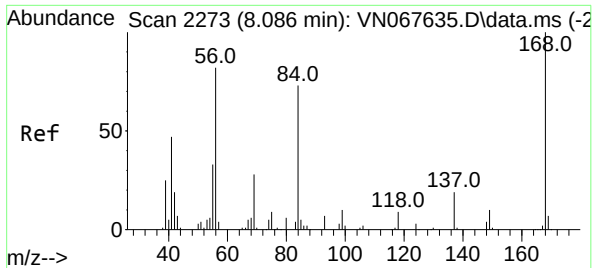
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072321\
Data File : VN067883.D
Acq On : 23 Jul 2021 16:28
Operator : JC/MD
Sample : M3147-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jul 24 01:42:39 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

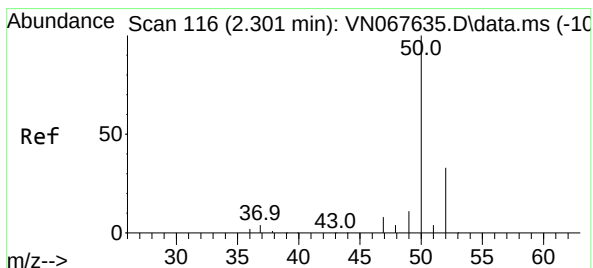
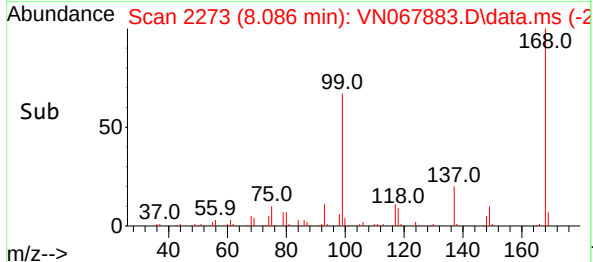
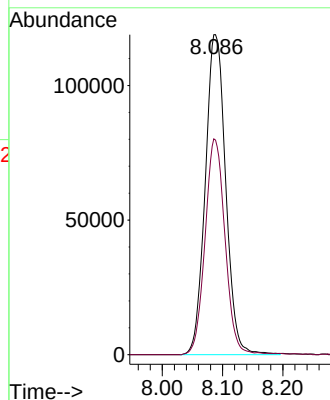
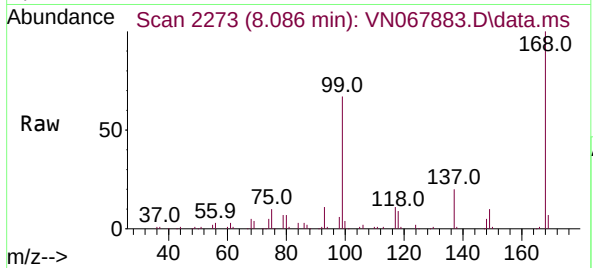




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN067883.D
Acq: 23 Jul 2021 16:28

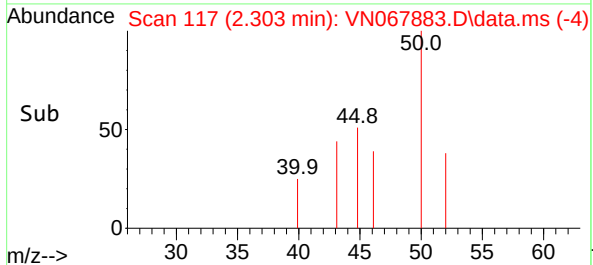
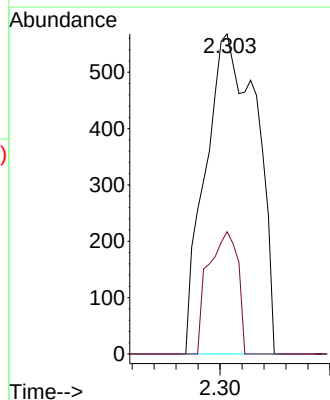
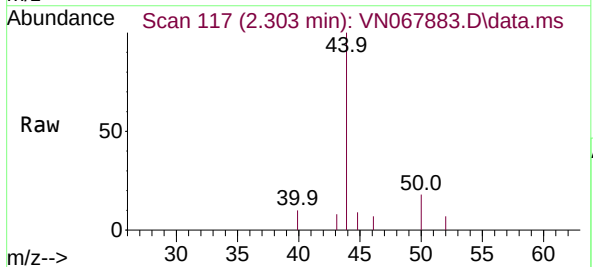
Instrument :
MSVOA_N
ClientSampleId :

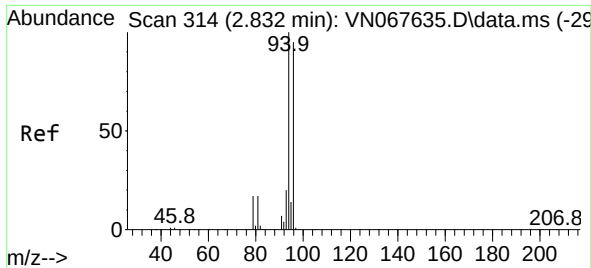
Tgt Ion:168 Resp: 280433
Ion Ratio Lower Upper
168 100
99 67.4 62.9 94.3



#3
Chloromethane
Concen: 0.243 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN067883.D
Acq: 23 Jul 2021 16:28

Tgt Ion: 50 Resp: 917
Ion Ratio Lower Upper
50 100
52 38.2 25.6 38.4

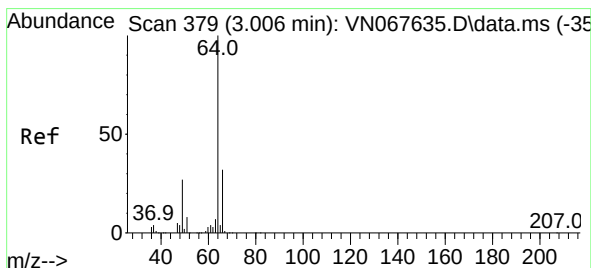
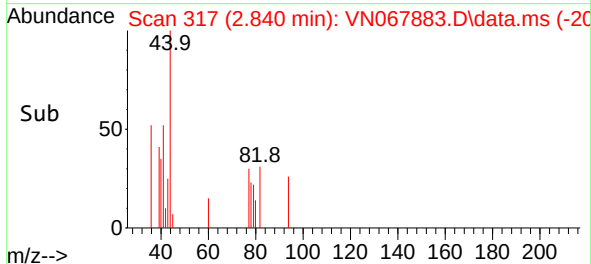
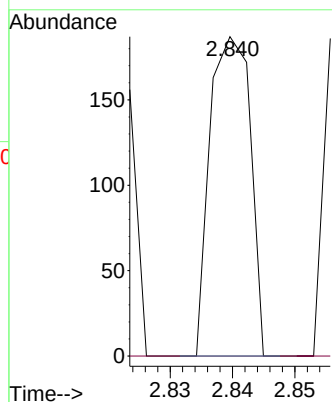
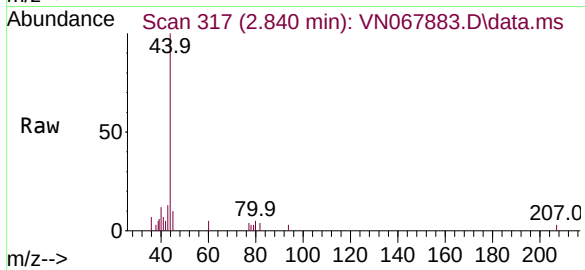




#5
Bromomethane
Concen: Below Cal
RT: 2.840 min Scan# 317
Delta R.T. 0.008 min
Lab File: VN067883.D
Acq: 23 Jul 2021 16:28

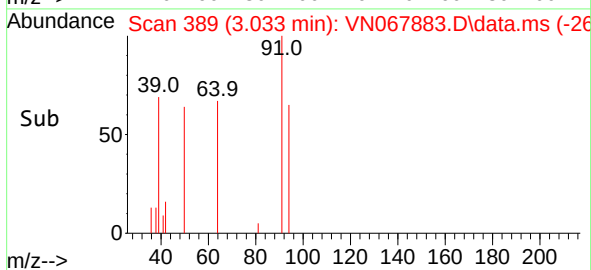
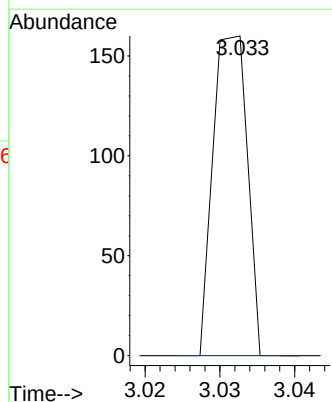
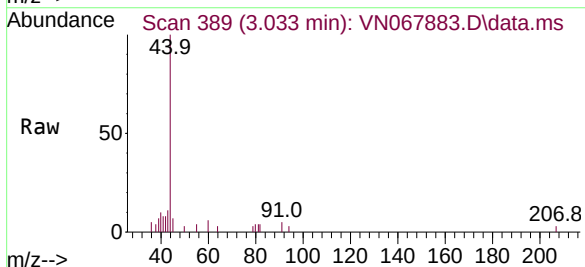
Instrument :
MSVOA_N
ClientSampled :

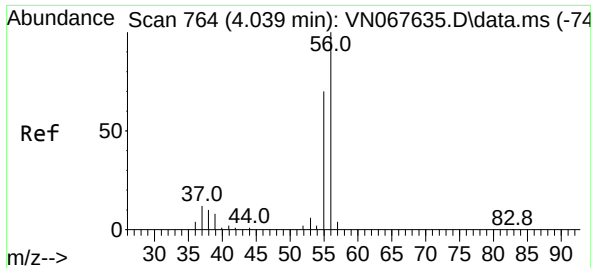
Tgt Ion: 94 Resp: 84
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 3.033 min Scan# 389
Delta R.T. 0.027 min
Lab File: VN067883.D
Acq: 23 Jul 2021 16:28

Tgt Ion: 64 Resp: 51
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

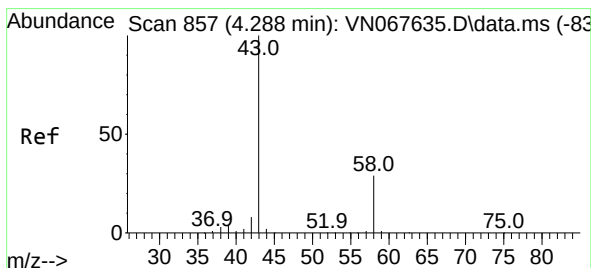
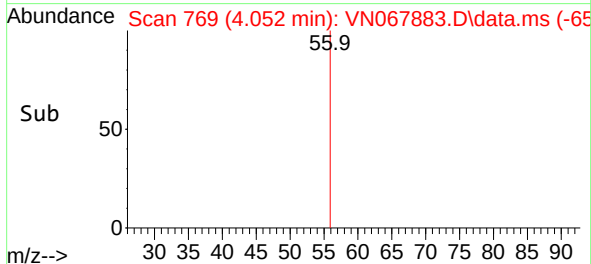
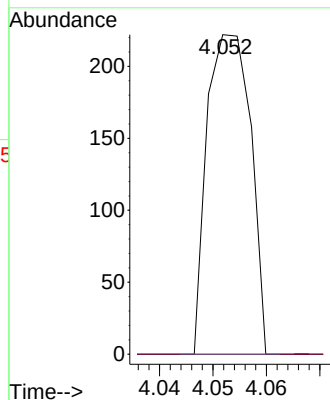
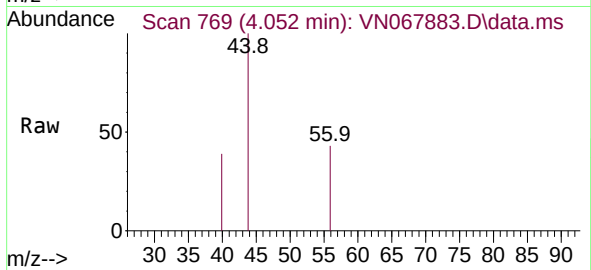




#13
Acrolein
Concen: Below Cal
RT: 4.052 min Scan# 769
Delta R.T. 0.013 min
Lab File: VN067883.D
Acq: 23 Jul 2021 16:28

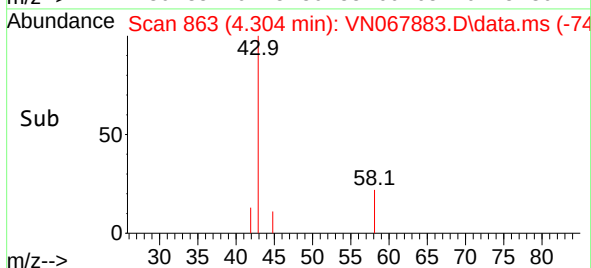
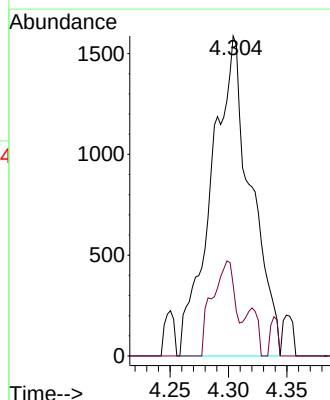
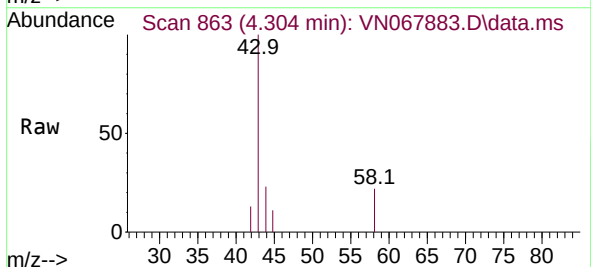
Instrument :
MSVOA_N
ClientSampled :

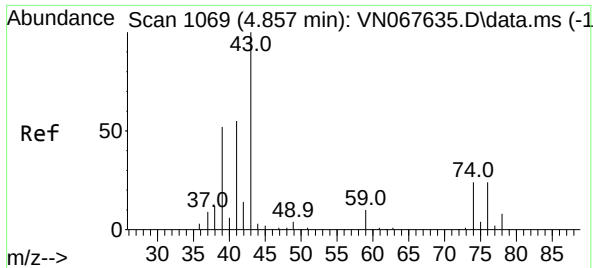
Tgt Ion: 56 Resp: 126
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#



#16
Acetone
Concen: 2.804 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.016 min
Lab File: VN067883.D
Acq: 23 Jul 2021 16:28

Tgt Ion: 43 Resp: 3739
Ion Ratio Lower Upper
43 100
58 22.2 21.2 31.8

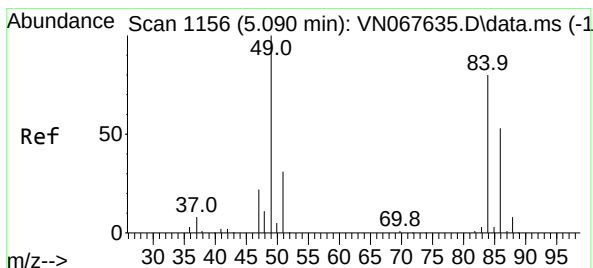
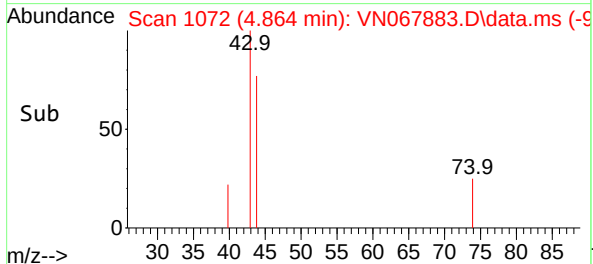
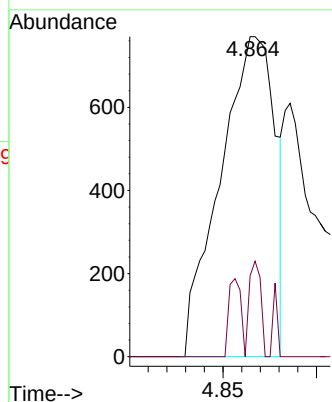
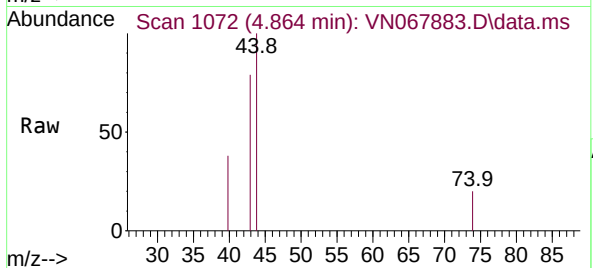




#18
Methyl Acetate
Concen: 0.419 ug/l
RT: 4.864 min Scan# 1072
Delta R.T. 0.007 min
Lab File: VN067883.D
Acq: 23 Jul 2021 16:28

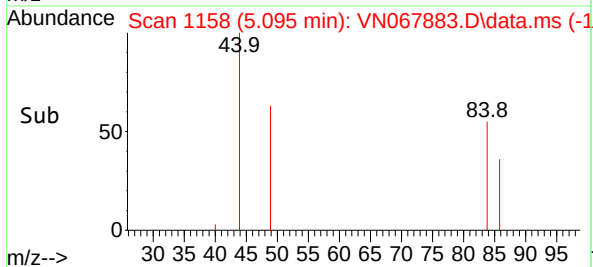
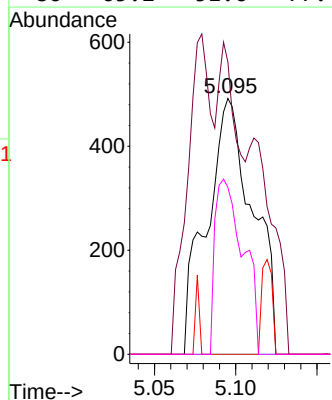
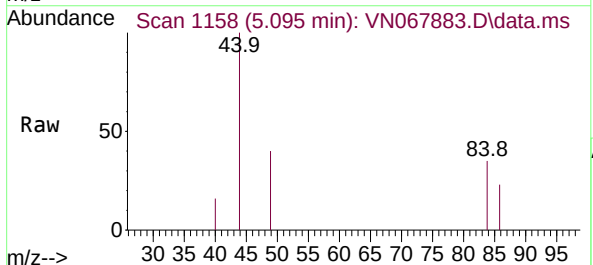
Instrument :
MSVOA_N
ClientSampled :

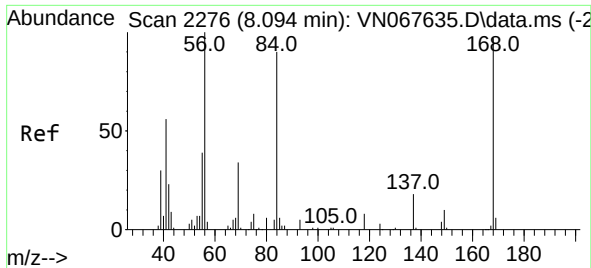
Tgt Ion: 43 Resp: 1568
Ion Ratio Lower Upper
43 100
74 6.3 17.4 26.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.095 min Scan# 1158
Delta R.T. 0.005 min
Lab File: VN067883.D
Acq: 23 Jul 2021 16:28

Tgt Ion: 84 Resp: 975
Ion Ratio Lower Upper
84 100
49 74.0 110.9 166.3#
51 0.0 32.6 49.0#
86 65.2 51.6 77.4

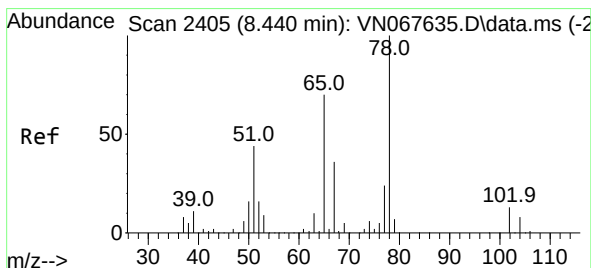
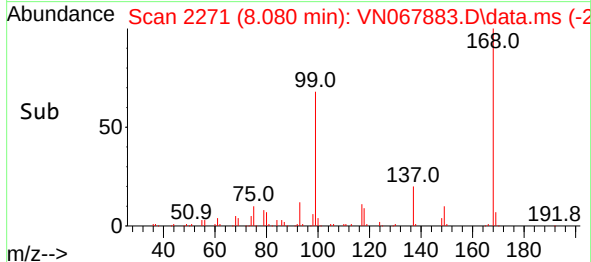
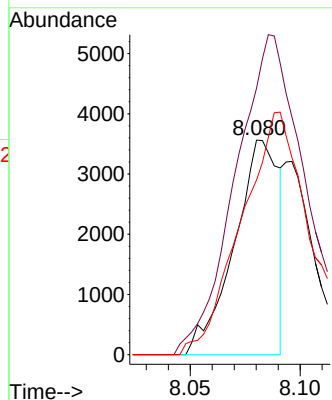
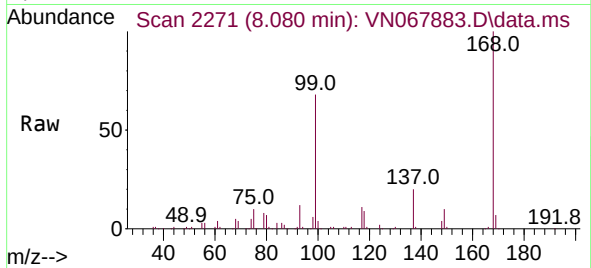




#31
Cyclohexane
Concen: 0.840 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.014 min
Lab File: VN067883.D
Acq: 23 Jul 2021 16:28

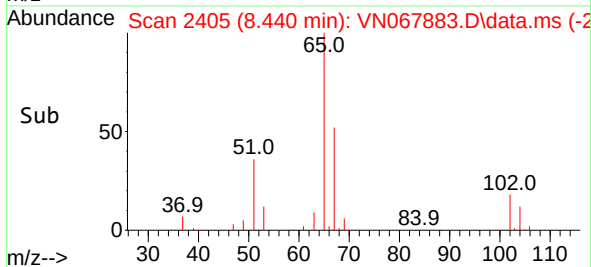
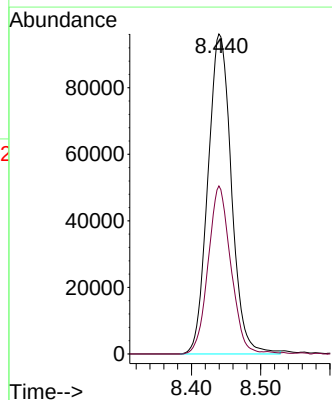
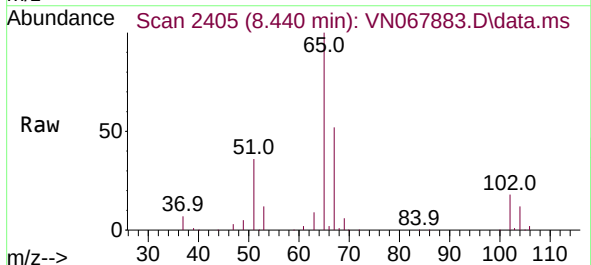
Instrument :
MSVOA_N
ClientSampled :

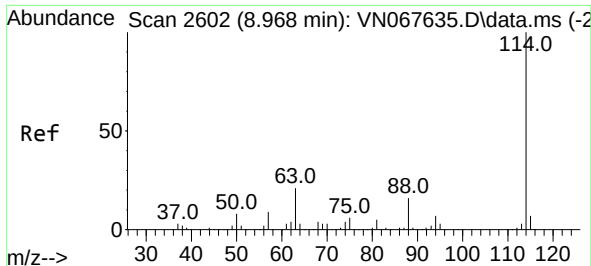
Tgt Ion: 56 Resp: 4991
Ion Ratio Lower Upper
56 100
69 119.2 27.3 40.9#
84 81.3 64.9 97.3



#33
1,2-Dichloroethane-d4
Concen: 53.473 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067883.D
Acq: 23 Jul 2021 16:28

Tgt Ion: 65 Resp: 226631
Ion Ratio Lower Upper
65 100
67 50.5 0.0 98.6

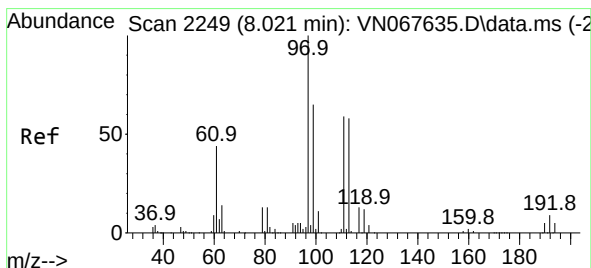
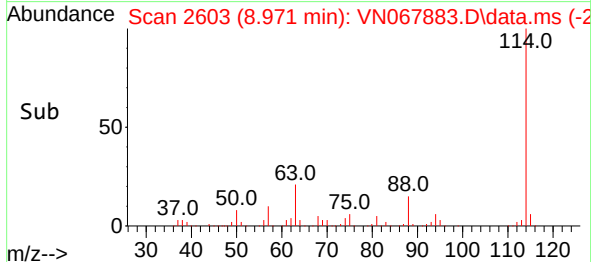
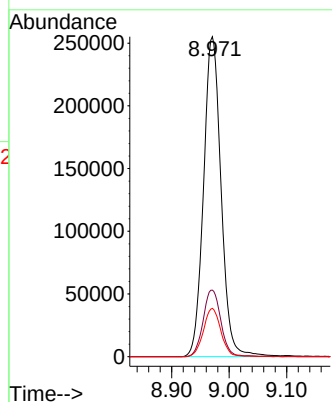
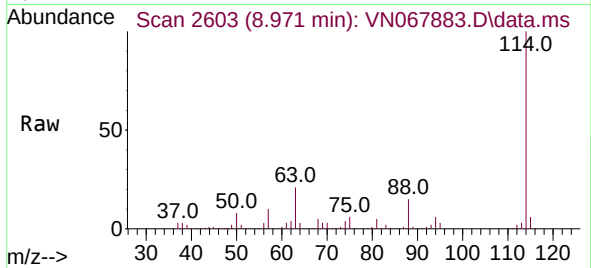




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067883.D
Acq: 23 Jul 2021 16:28

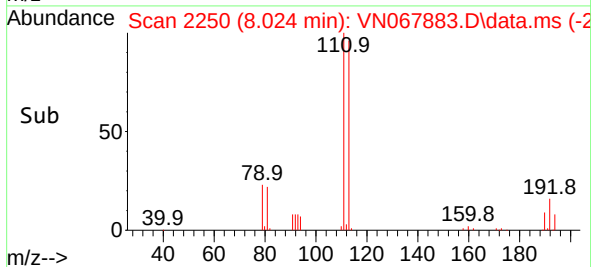
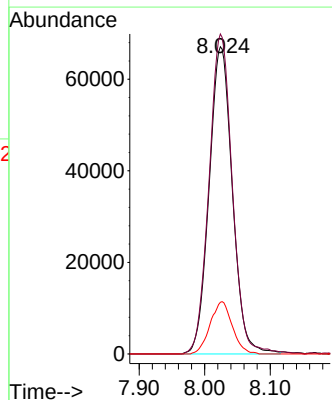
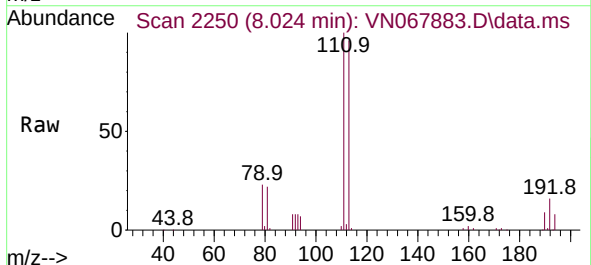
Instrument :
MSVOA_N
ClientSampled :

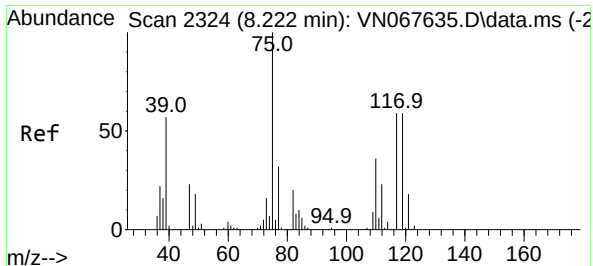
Tgt Ion:114 Resp: 540654
Ion Ratio Lower Upper
114 100
63 20.8 0.0 49.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.547 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067883.D
Acq: 23 Jul 2021 16:28

Tgt Ion:113 Resp: 165111
Ion Ratio Lower Upper
113 100
111 104.4 83.8 125.8
192 16.3 13.4 20.0





#36

1,1-Dichloropropene

Concen: 5.159 ug/l

RT: 8.086 min Scan# 2273

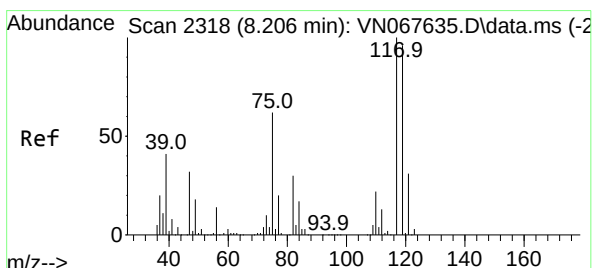
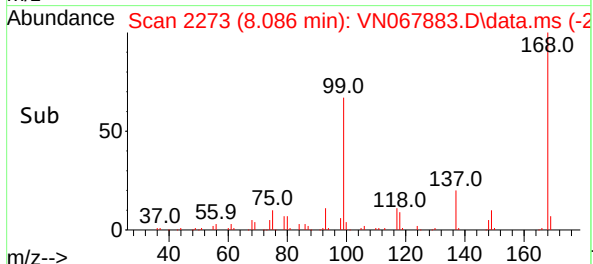
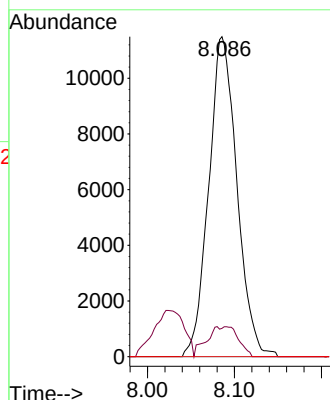
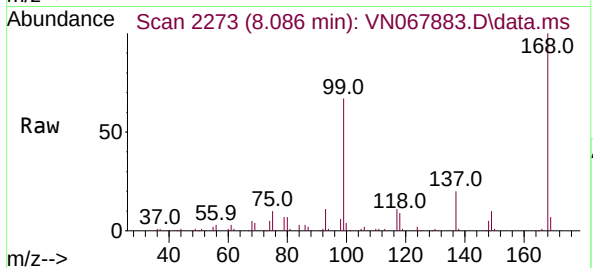
Delta R.T. -0.136 min

Lab File: VN067883.D

Acq: 23 Jul 2021 16:28

Tgt Ion:	75	Resp:	25909
Ion	Ratio	Lower	Upper
75	100		
110	4.7	15.7	47.0#
77	0.0	24.6	37.0#

Instrument :
MSVOA_N
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.194 ug/l

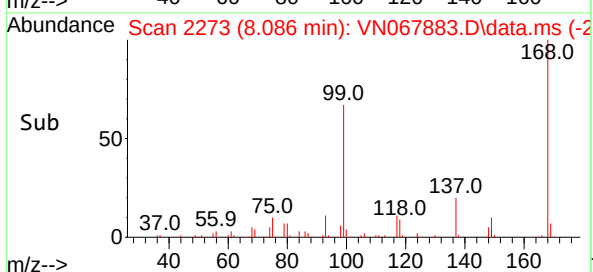
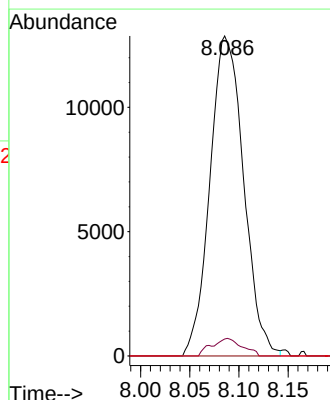
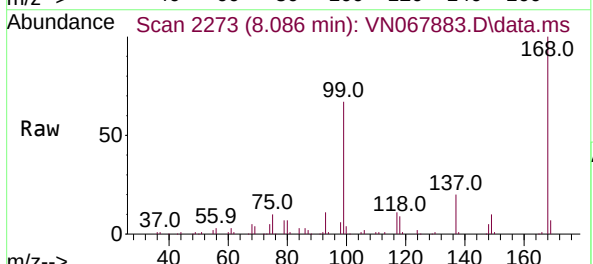
RT: 8.086 min Scan# 2273

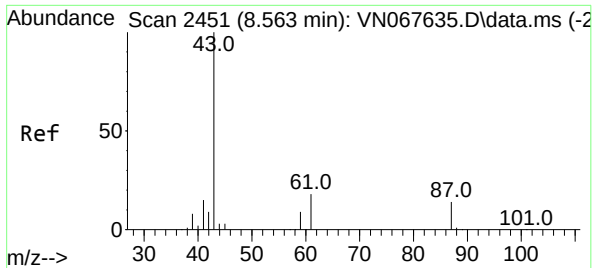
Delta R.T. -0.120 min

Lab File: VN067883.D

Acq: 23 Jul 2021 16:28

Tgt Ion:	117	Resp:	30682
Ion	Ratio	Lower	Upper
117	100		
119	5.3	75.4	113.2#
121	0.0	23.5	35.3#

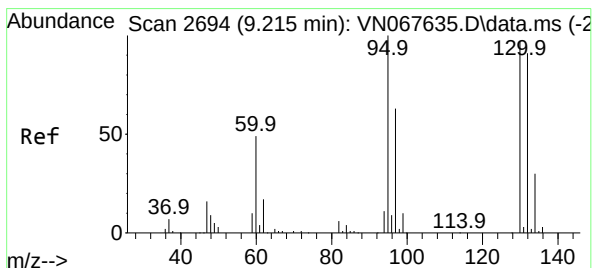
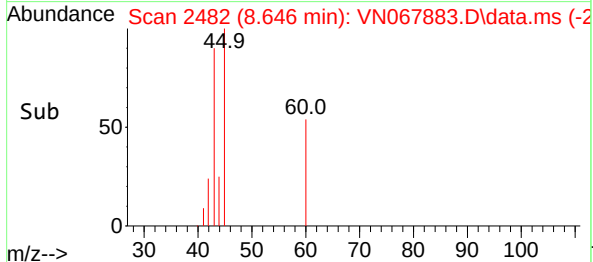
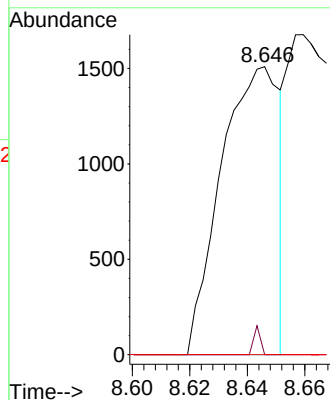
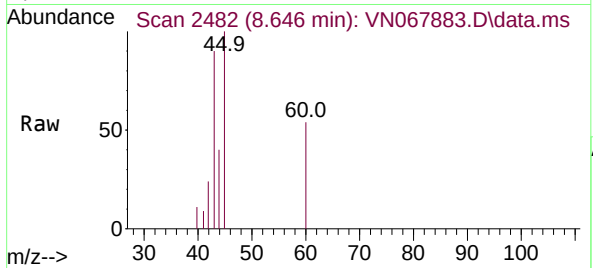




#43
Isopropyl Acetate
Concen: 0.248 ug/l
RT: 8.646 min Scan# 2482
Delta R.T. 0.083 min
Lab File: VN067883.D
Acq: 23 Jul 2021 16:28

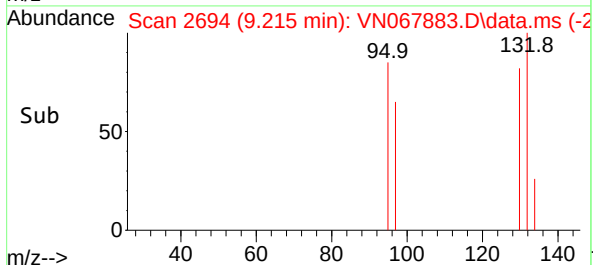
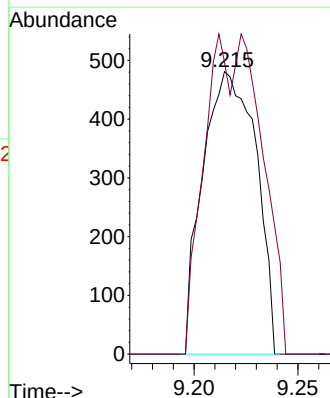
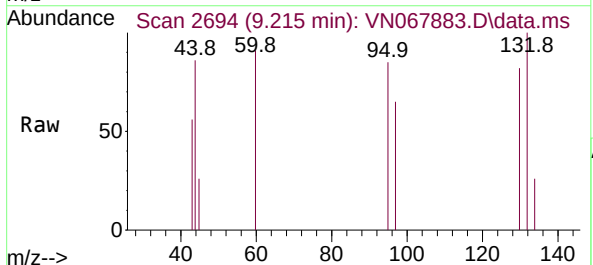
Instrument :
MSVOA_N
ClientSampleId :

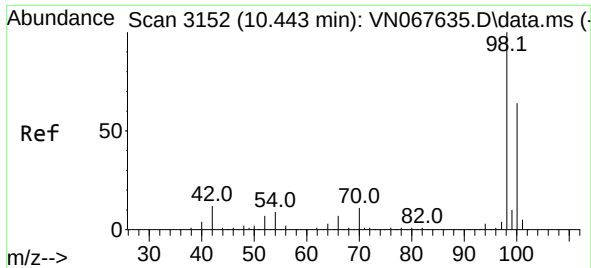
Tgt Ion: 43 Resp: 2121
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#



#44
Trichloroethene
Concen: 0.225 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.000 min
Lab File: VN067883.D
Acq: 23 Jul 2021 16:28

Tgt Ion:130 Resp: 857
Ion Ratio Lower Upper
130 100
95 103.3 0.0 234.4

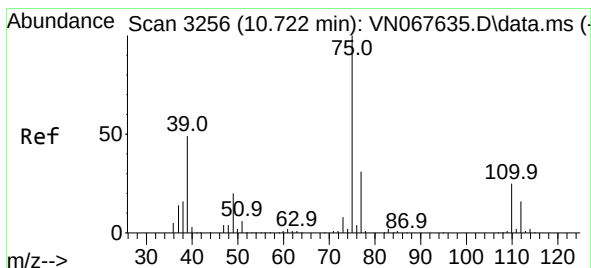
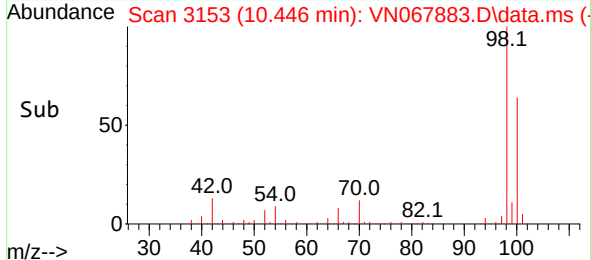
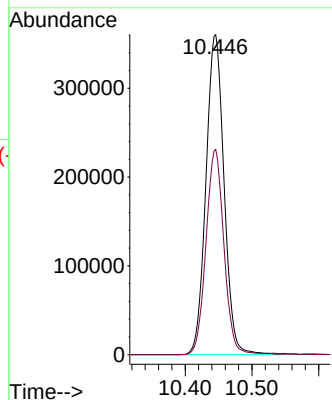
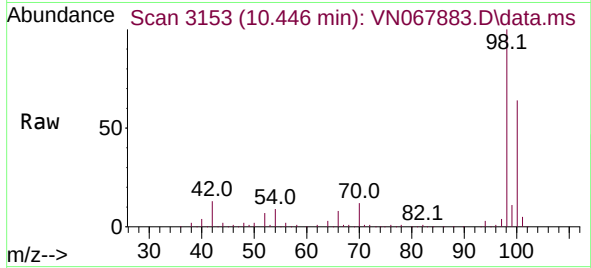




#50
Toluene-d8
Concen: 49.823 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067883.D
Acq: 23 Jul 2021 16:28

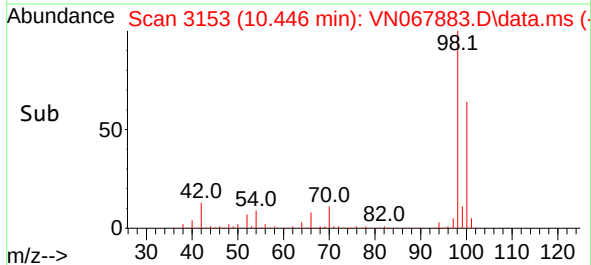
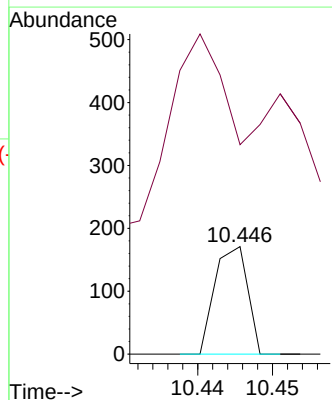
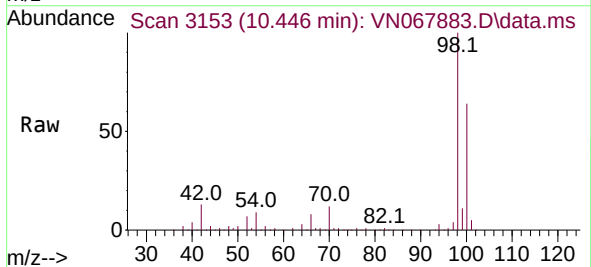
Instrument :
MSVOA_N
ClientSampled :

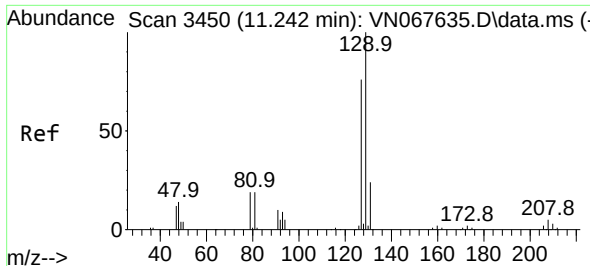
Tgt Ion: 98 Resp: 681213
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5



#53
t-1,3-Dichloropropene
Concen: 1.752 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. -0.276 min
Lab File: VN067883.D
Acq: 23 Jul 2021 16:28

Tgt Ion: 75 Resp: 52
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#

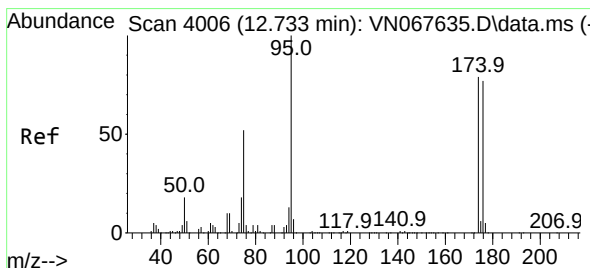
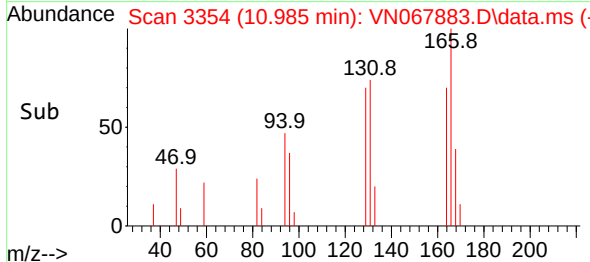
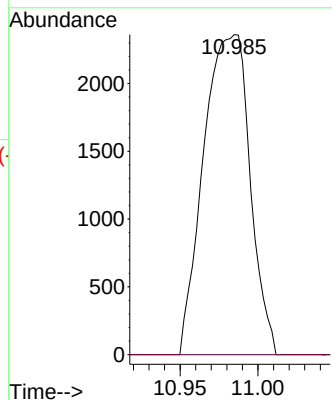
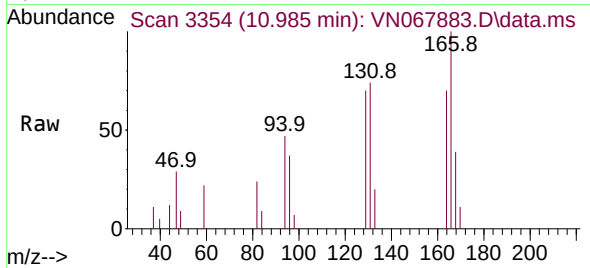




#60
Dibromochloromethane
Concen: 3.364 ug/l
RT: 10.985 min Scan# 3354
Delta R.T. -0.257 min
Lab File: VN067883.D
Acq: 23 Jul 2021 16:28

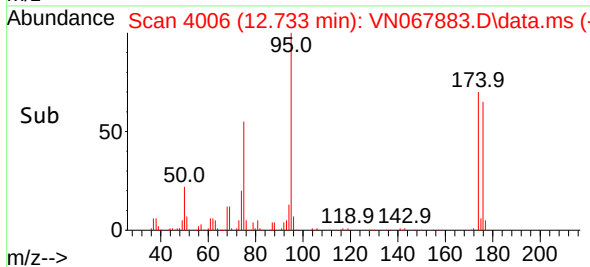
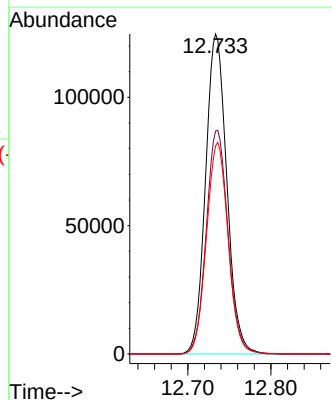
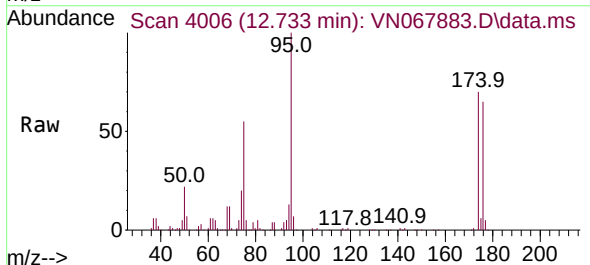
Instrument :
MSVOA_N
ClientSampled :

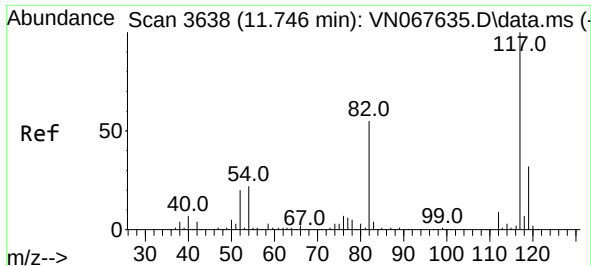
Tgt Ion:129 Resp: 4895
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 45.724 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067883.D
Acq: 23 Jul 2021 16:28

Tgt Ion: 95 Resp: 220845
Ion Ratio Lower Upper
95 100
174 71.7 0.0 122.0
176 67.3 0.0 117.6

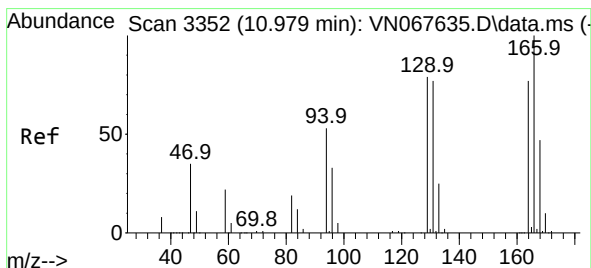
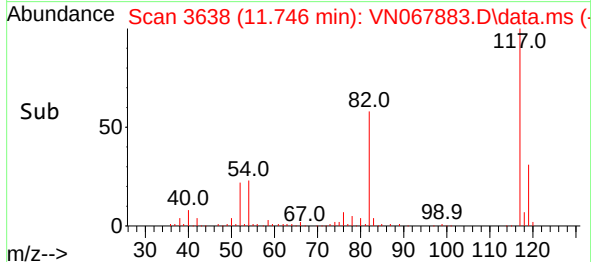
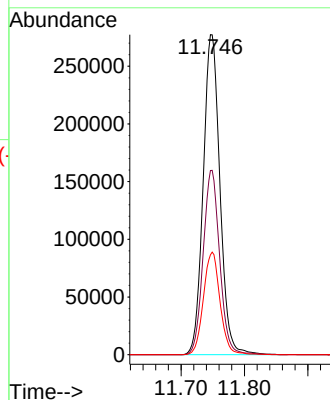
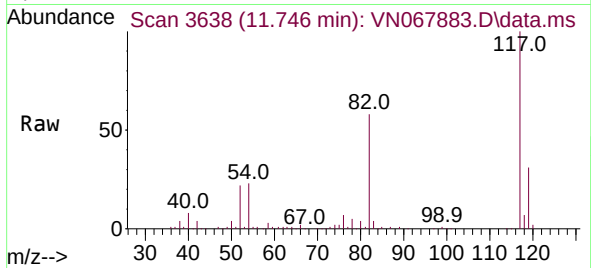




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067883.D
Acq: 23 Jul 2021 16:28

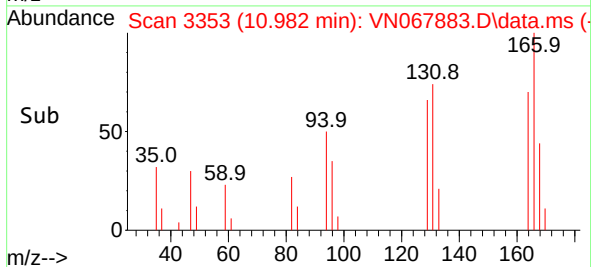
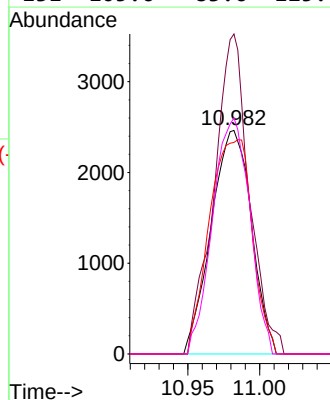
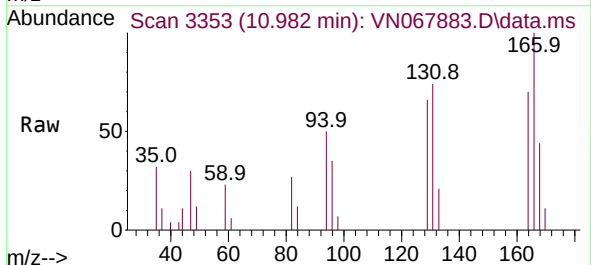
Instrument :
MSVOA_N
ClientSampleId :

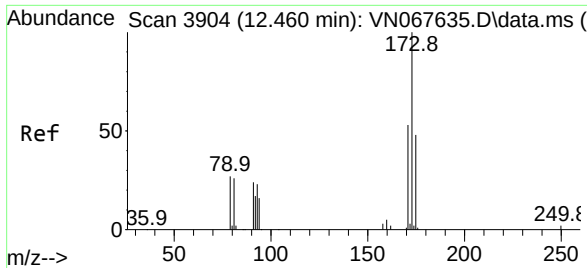
Tgt Ion:117 Resp: 509292
Ion Ratio Lower Upper
117 100
82 57.5 53.1 79.7
119 31.2 25.5 38.3



#64
Tetrachloroethene
Concen: 1.335 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. 0.003 min
Lab File: VN067883.D
Acq: 23 Jul 2021 16:28

Tgt Ion:164 Resp: 4800
Ion Ratio Lower Upper
164 100
166 143.2 102.1 153.1
129 94.6 86.9 130.3
131 105.6 83.6 125.4

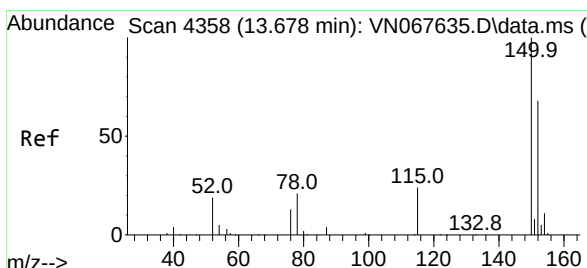
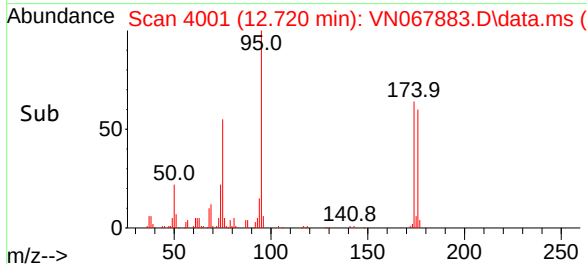
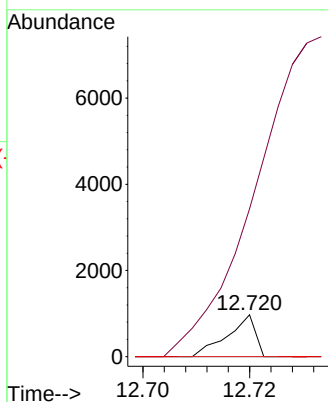
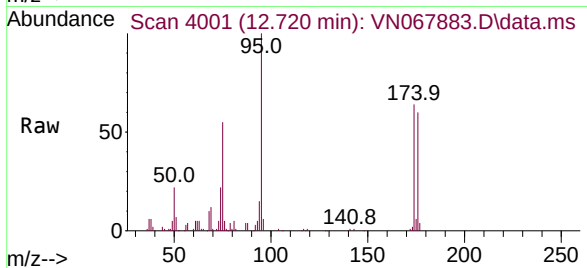




#71
Bromoform
Concen: 3.277 ug/l
RT: 12.720 min Scan# 4001
Delta R.T. 0.260 min
Lab File: VN067883.D
Acq: 23 Jul 2021 16:28

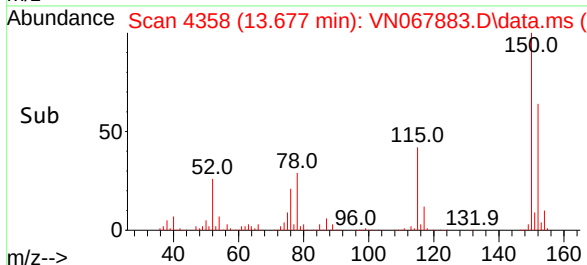
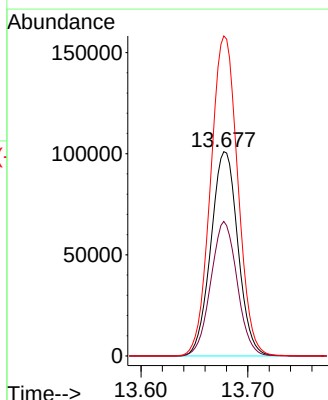
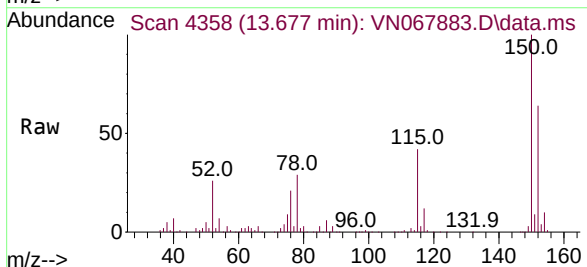
Instrument :
MSVOA_N
ClientSampleId :

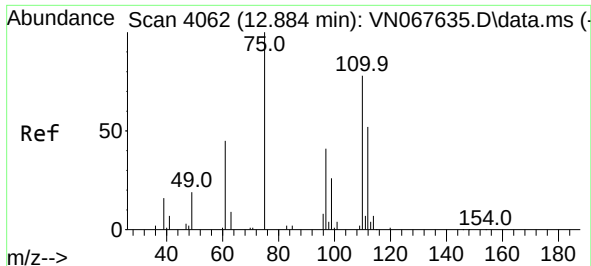
Tgt Ion:173 Resp: 354
Ion Ratio Lower Upper
173 100
175 3371.8 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN067883.D
Acq: 23 Jul 2021 16:28

Tgt Ion:152 Resp: 177783
Ion Ratio Lower Upper
152 100
115 64.3 36.1 108.5
150 157.5 0.0 351.8

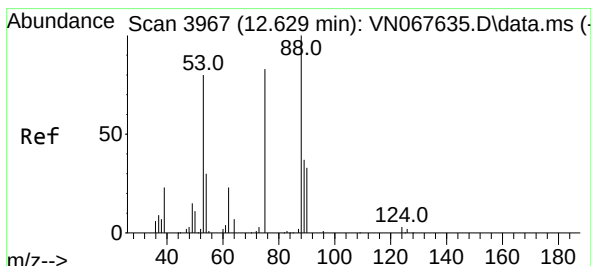
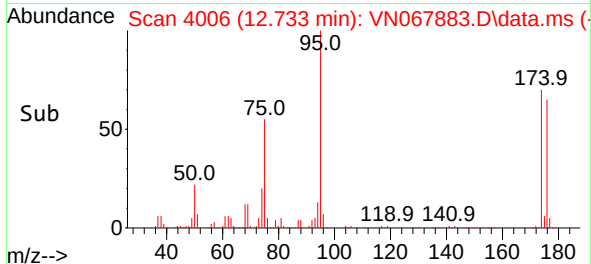
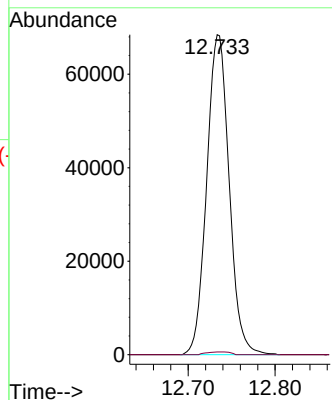
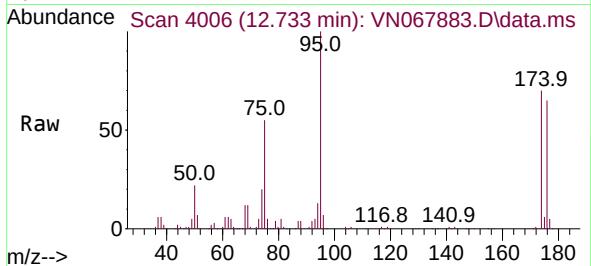




#76
1,2,3-Trichloropropane
Concen: 33.795 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067883.D
Acq: 23 Jul 2021 16:28

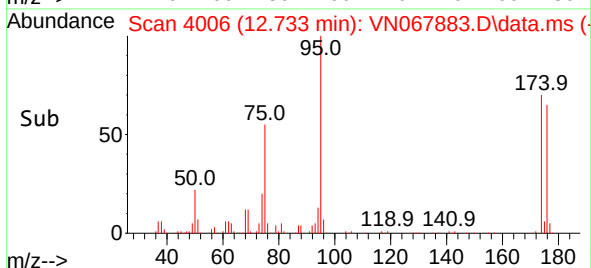
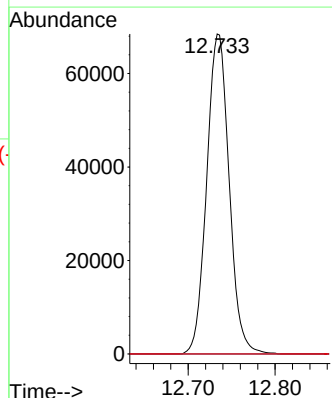
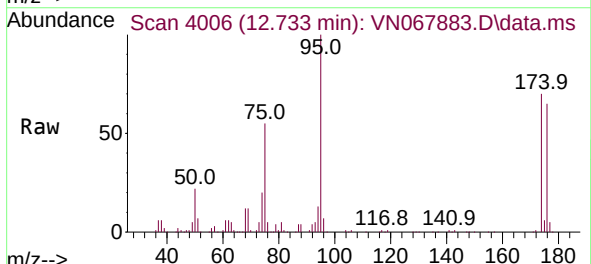
Instrument :
MSVOA_N
ClientSampled :

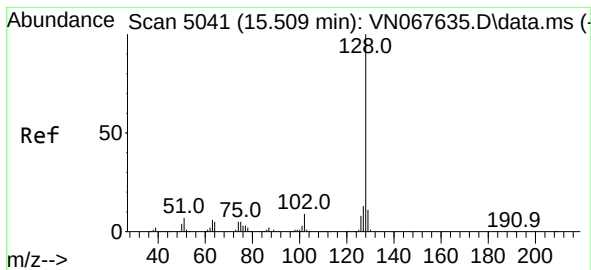
Tgt Ion: 75 Resp: 122698
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.959 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067883.D
Acq: 23 Jul 2021 16:28

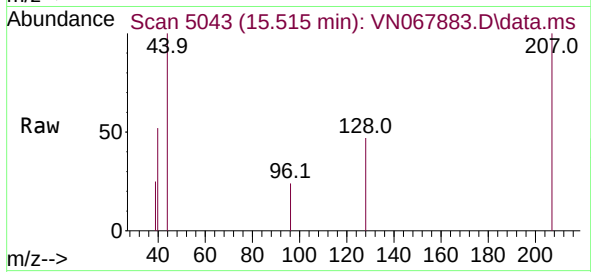
Tgt Ion: 75 Resp: 122698
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 3.047 ug/l
RT: 15.515 min Scan# 5043
Delta R.T. 0.006 min
Lab File: VN067883.D
Acq: 23 Jul 2021 16:28

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	324
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.6	15.8#
129	0.0	8.6	12.8#

