

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072321\
 Data File : VN067873.D
 Acq On : 23 Jul 2021 12:08
 Operator : JC/MD
 Sample : VN0723WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 24 01:40:49 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)

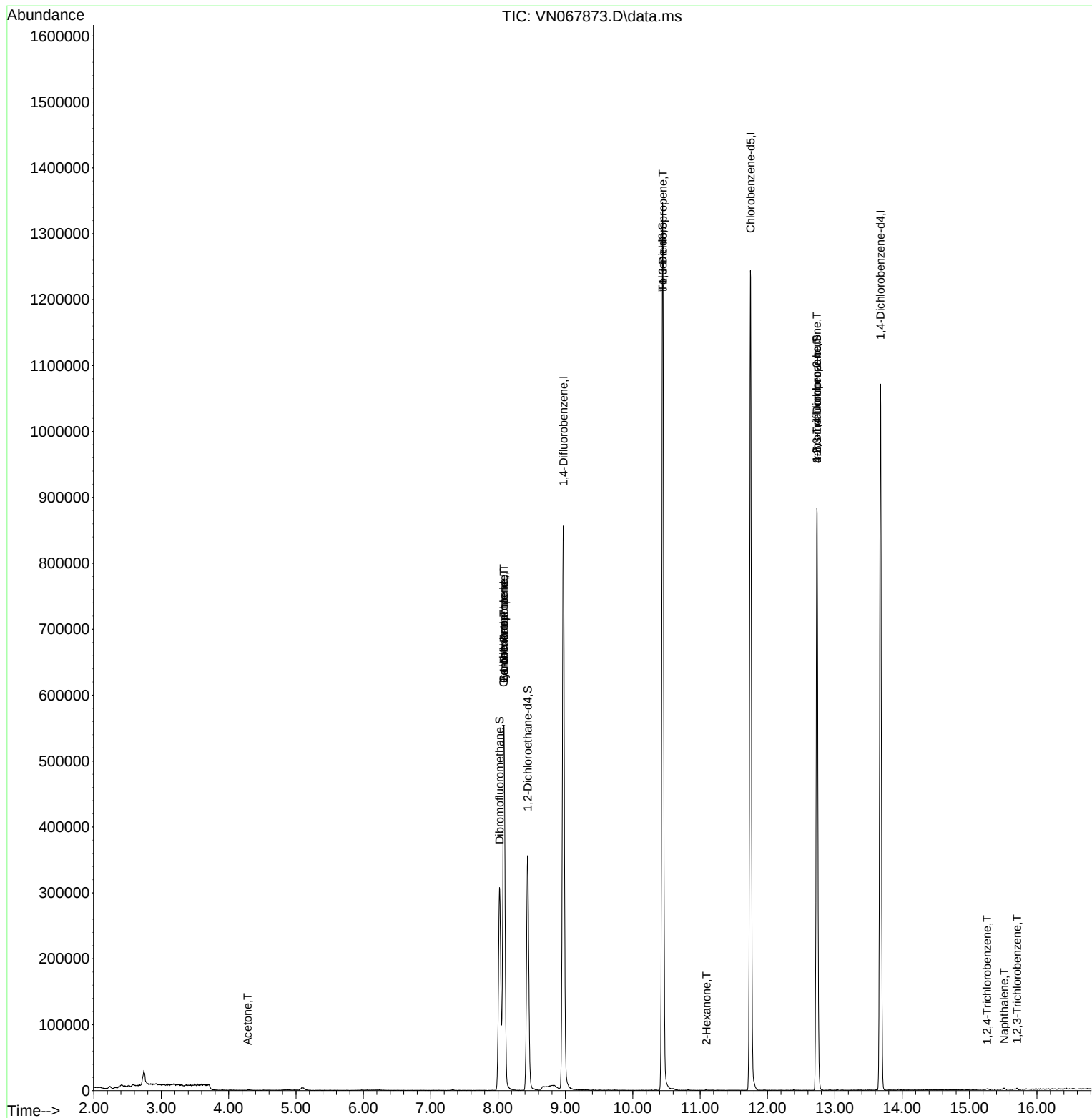
Internal Standards						
1) Pentafluorobenzene	8.088	168	399110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	758204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	720043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	271067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	307557	50.989	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 101.980%		
35) Dibromofluoromethane	8.024	113	225069	49.132	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 98.260%		
50) Toluene-d8	10.443	98	936055	48.818	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 97.640%		
62) 4-Bromofluorobenzene	12.733	95	309791	45.736	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 91.480%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.797	94	81	Below Cal	#	4
6) Chloroethane	3.148	64	87	Below Cal	#	44
13) Acrolein	4.044	56	78	Below Cal		92
16) Acetone	4.283	43	653	0.344	ug/l #	48
20) Methylene Chloride	5.087	84	1583	Below Cal	#	80
31) Cyclohexane	8.083	56	10355	1.224	ug/l #	12
36) 1,1-Dichloropropene	8.088	75	36676	5.207	ug/l #	46
38) Carbon Tetrachloride	8.088	117	45306	6.522	ug/l #	17
53) t-1,3-Dichloropropene	10.446	75	63	1.751	ug/l #	1
59) 2-Hexanone	11.095	43	1241	0.241	ug/l #	41
76) 1,2,3-Trichloropropane	12.733	75	175375	31.681	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	175375	102.142	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.260	180	294	2.736	ug/l #	32
95) Naphthalene	15.515	128	2247	3.171	ug/l #	75
96) 1,2,3-Trichlorobenzene	15.705	180	483	2.738	ug/l #	61

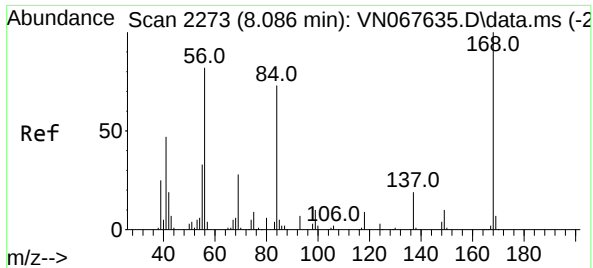
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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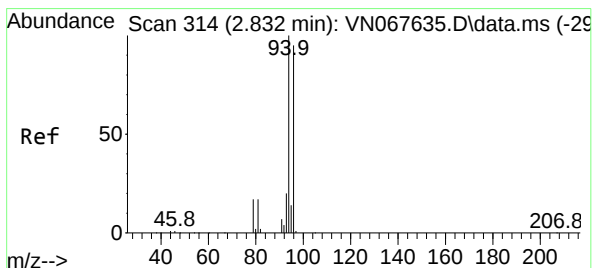
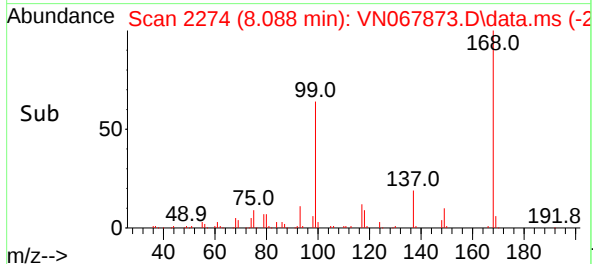
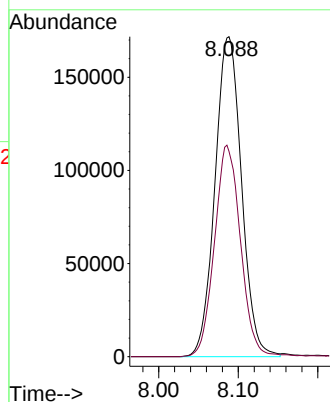
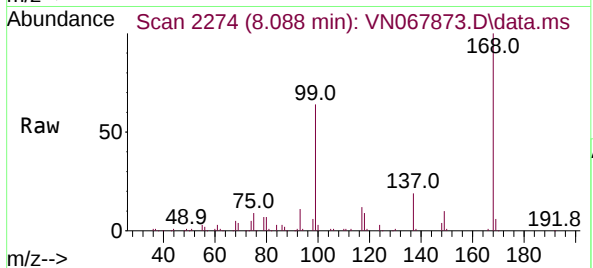




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067873.D
Acq: 23 Jul 2021 12:08

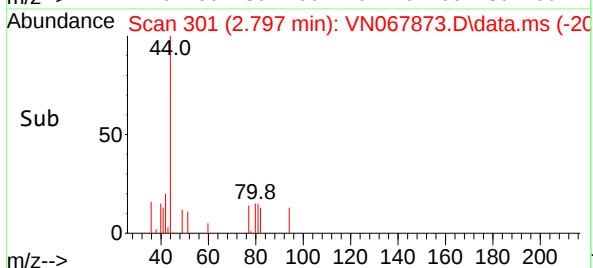
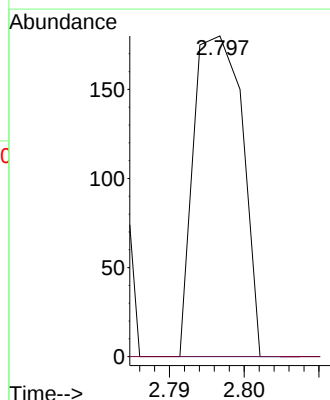
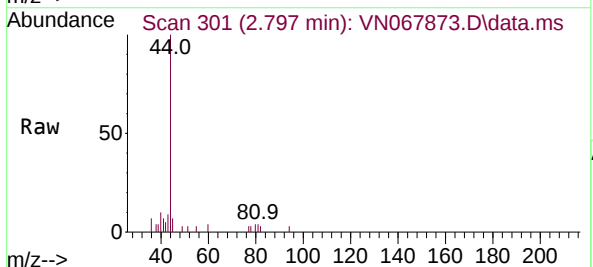
Instrument :
MSVOA_N
ClientSampleId :

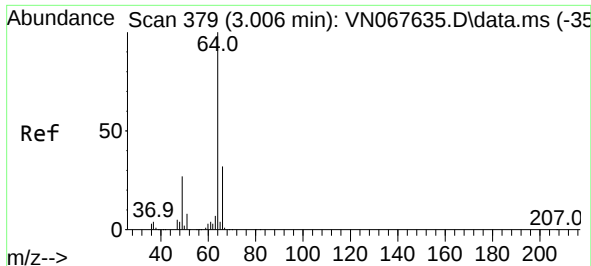
Tgt Ion:168 Resp: 399110
Ion Ratio Lower Upper
168 100
99 64.1 62.9 94.3



#5
Bromomethane
Concen: Below Cal
RT: 2.797 min Scan# 301
Delta R.T. -0.035 min
Lab File: VN067873.D
Acq: 23 Jul 2021 12:08

Tgt Ion: 94 Resp: 81
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#

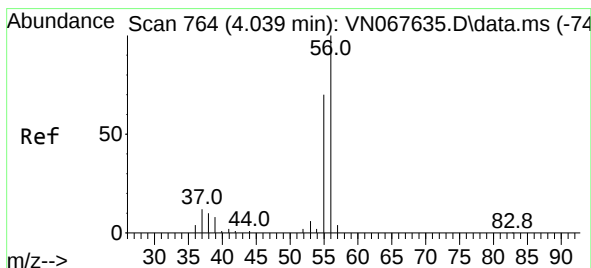
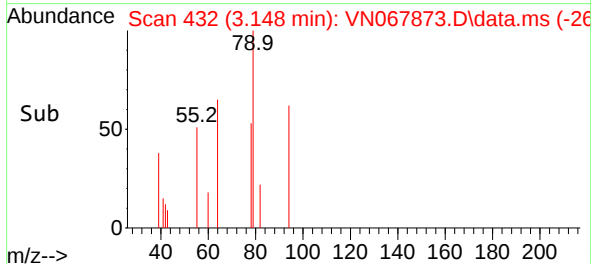
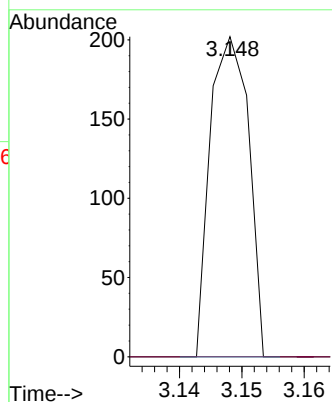
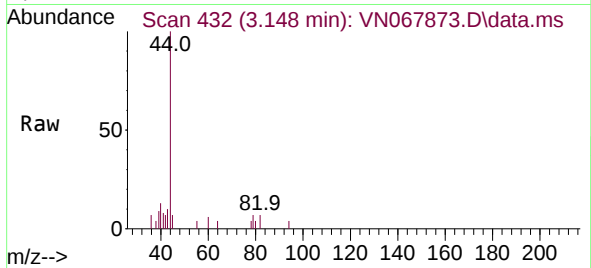




#6
Chloroethane
Concen: Below Cal
RT: 3.148 min Scan# 432
Delta R.T. 0.142 min
Lab File: VN067873.D
Acq: 23 Jul 2021 12:08

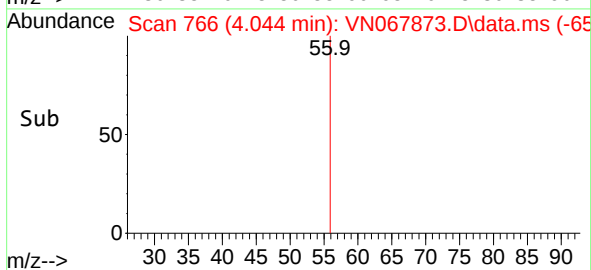
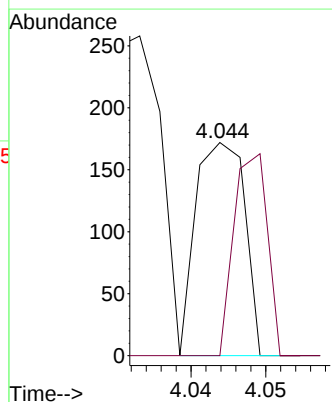
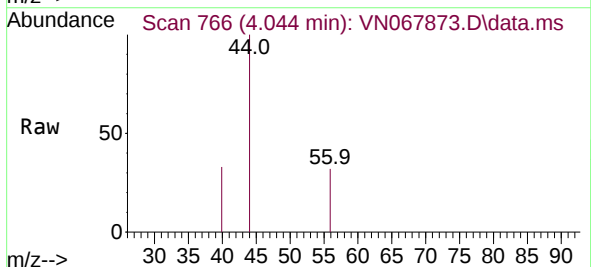
Instrument :
MSVOA_N
ClientSampled :

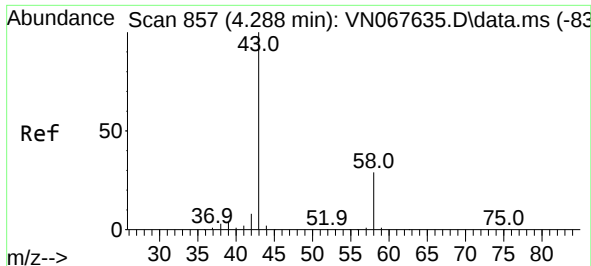
Tgt Ion: 64 Resp: 87
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 4.044 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN067873.D
Acq: 23 Jul 2021 12:08

Tgt Ion: 56 Resp: 78
Ion Ratio Lower Upper
56 100
55 65.4 57.4 86.0

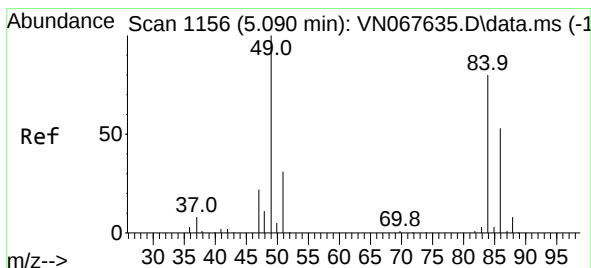
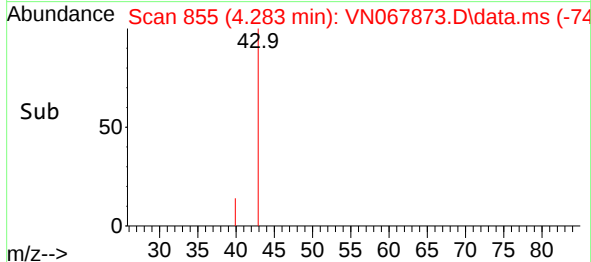
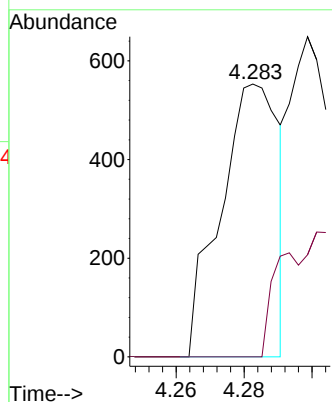
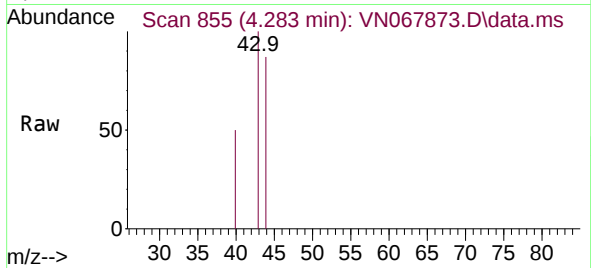




#16
Acetone
Concen: 0.344 ug/l
RT: 4.283 min Scan# 855
Delta R.T. -0.005 min
Lab File: VN067873.D
Acq: 23 Jul 2021 12:08

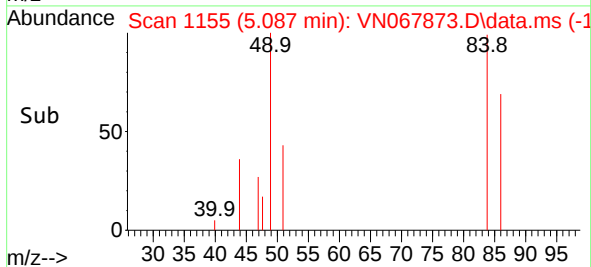
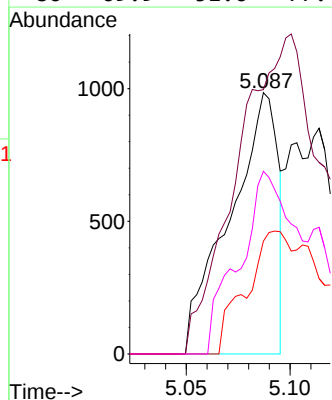
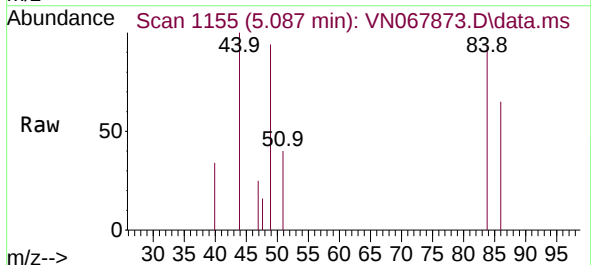
Instrument :
MSVOA_N
ClientSampled :

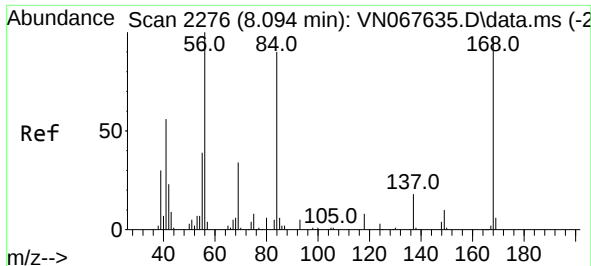
Tgt Ion: 43 Resp: 653
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.087 min Scan# 1155
Delta R.T. -0.003 min
Lab File: VN067873.D
Acq: 23 Jul 2021 12:08

Tgt Ion: 84 Resp: 1583
Ion Ratio Lower Upper
84 100
49 101.1 110.9 166.3#
51 43.1 32.6 49.0
86 69.9 51.6 77.4

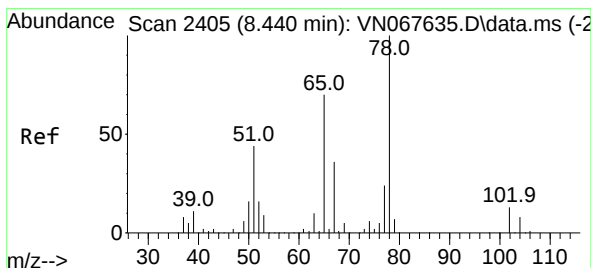
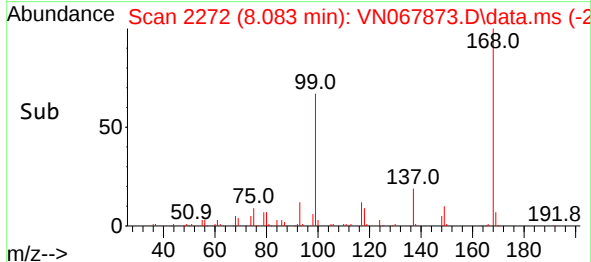
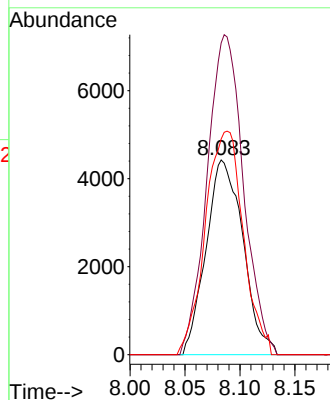
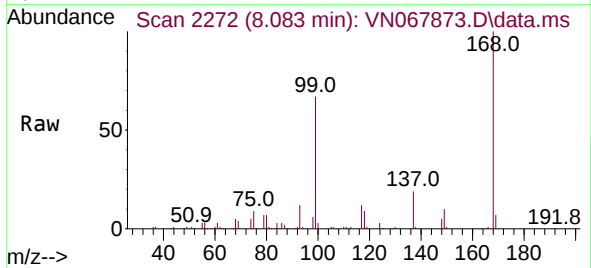




#31
Cyclohexane
Concen: 1.224 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN067873.D
Acq: 23 Jul 2021 12:08

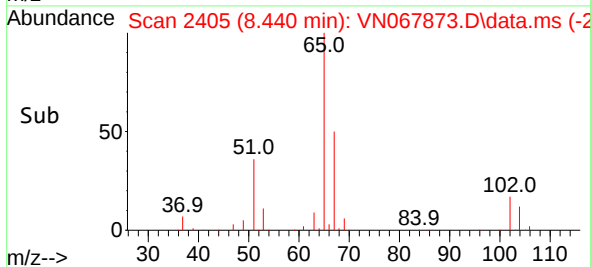
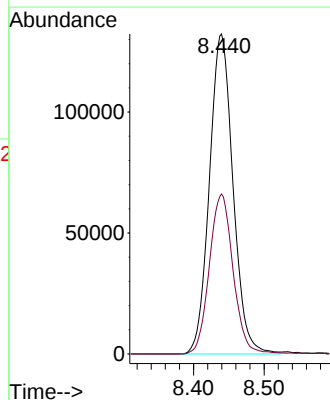
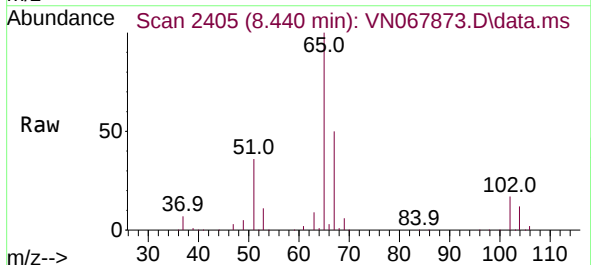
Instrument :
MSVOA_N
ClientSampleId :

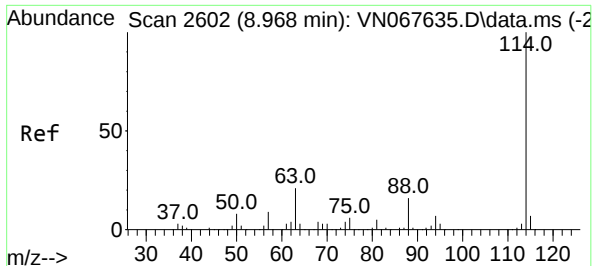
Tgt Ion: 56 Resp: 10355
Ion Ratio Lower Upper
56 100
69 160.0 27.3 40.9#
84 110.8 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 50.989 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067873.D
Acq: 23 Jul 2021 12:08

Tgt Ion: 65 Resp: 307557
Ion Ratio Lower Upper
65 100
67 50.2 0.0 98.6

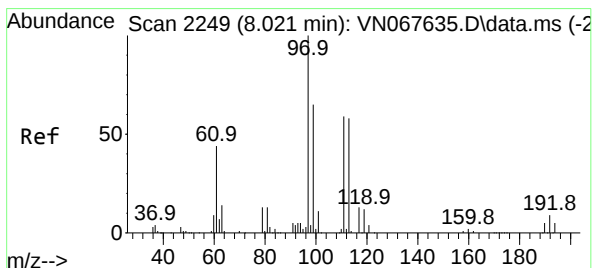
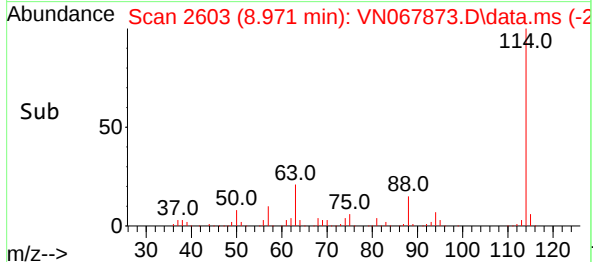
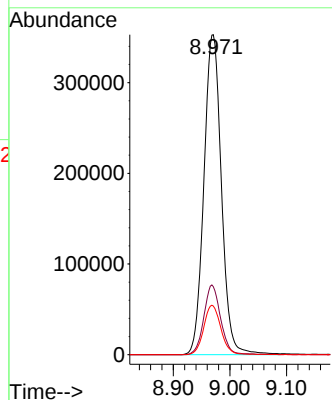
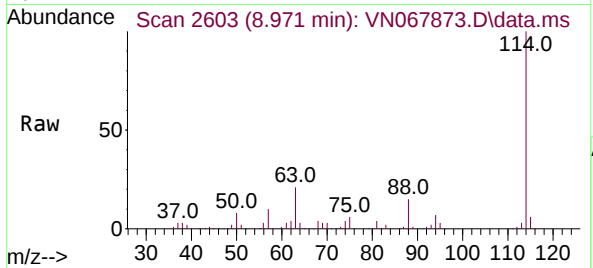




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067873.D
Acq: 23 Jul 2021 12:08

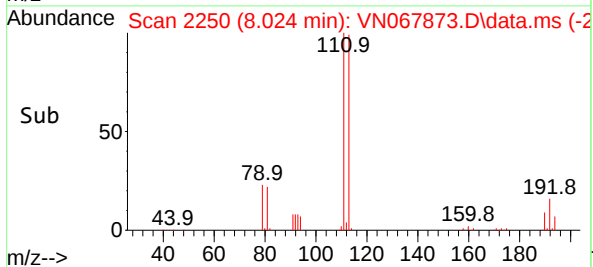
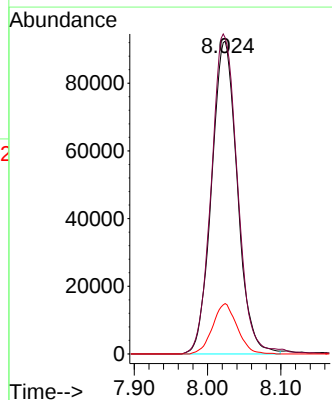
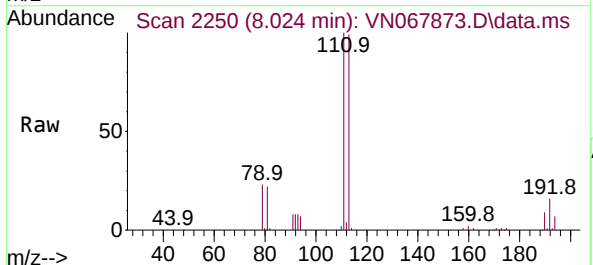
Instrument :
MSVOA_N
ClientSampleId :

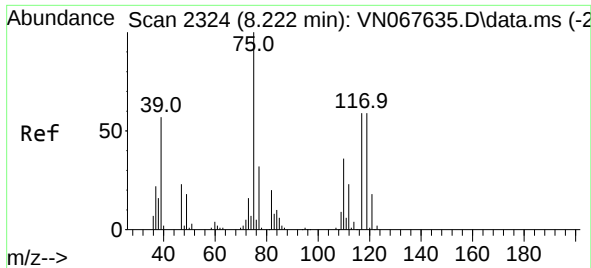
Tgt Ion:114 Resp: 758204
Ion Ratio Lower Upper
114 100
63 21.2 0.0 49.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.132 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067873.D
Acq: 23 Jul 2021 12:08

Tgt Ion:113 Resp: 225069
Ion Ratio Lower Upper
113 100
111 104.6 83.8 125.8
192 15.4 13.4 20.0

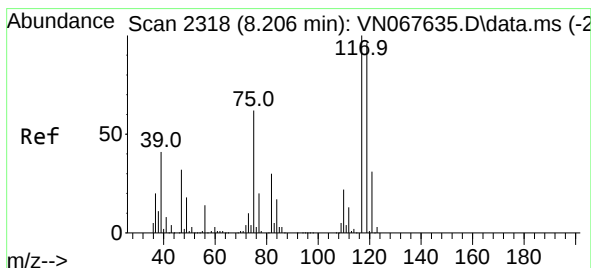
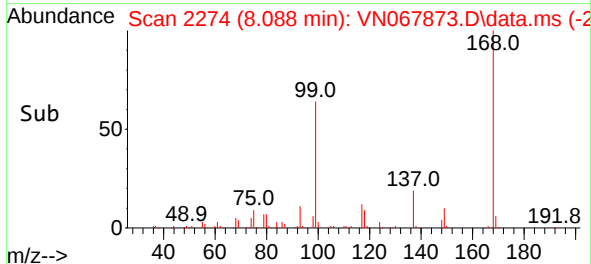
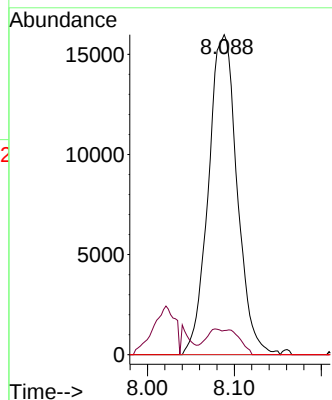
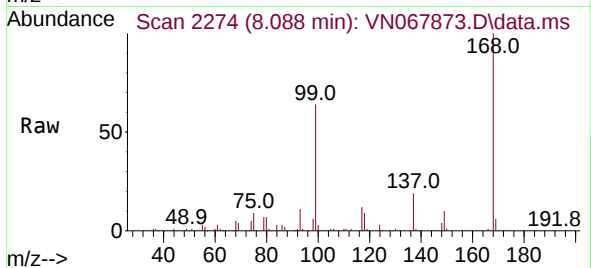




#36
 1,1-Dichloropropene
 Concen: 5.207 ug/l
 RT: 8.088 min Scan# 2274
 Delta R.T. -0.134 min
 Lab File: VN067873.D
 Acq: 23 Jul 2021 12:08

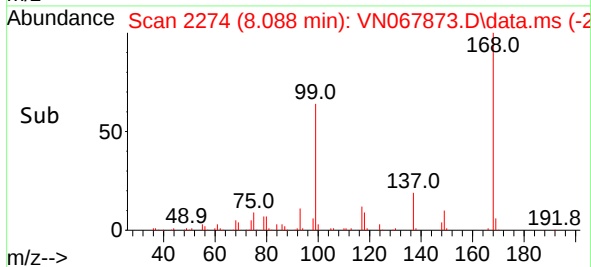
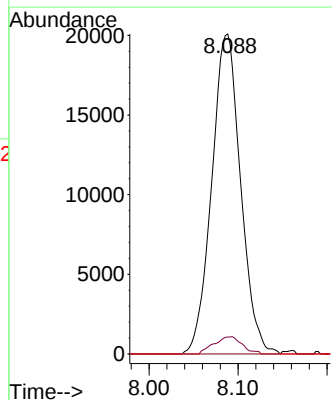
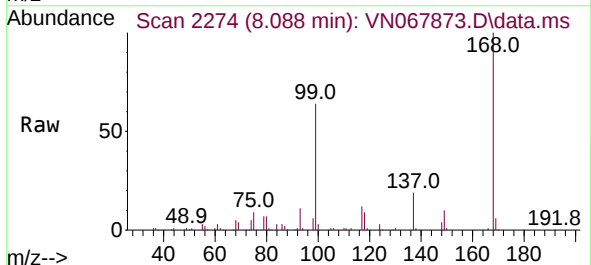
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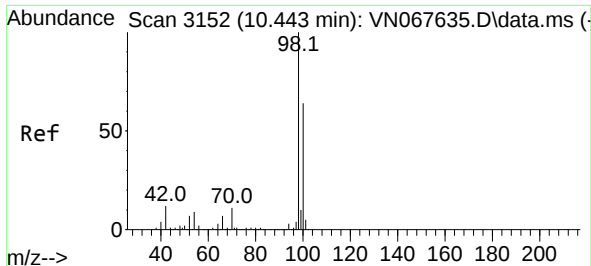
Tgt Ion: 75 Resp: 36676
 Ion Ratio Lower Upper
 75 100
 110 2.4 15.7 47.0#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 6.522 ug/l
 RT: 8.088 min Scan# 2274
 Delta R.T. -0.118 min
 Lab File: VN067873.D
 Acq: 23 Jul 2021 12:08

Tgt Ion: 117 Resp: 45306
 Ion Ratio Lower Upper
 117 100
 119 5.3 75.4 113.2#
 121 0.0 23.5 35.3#

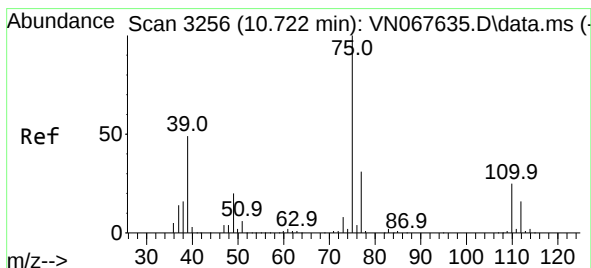
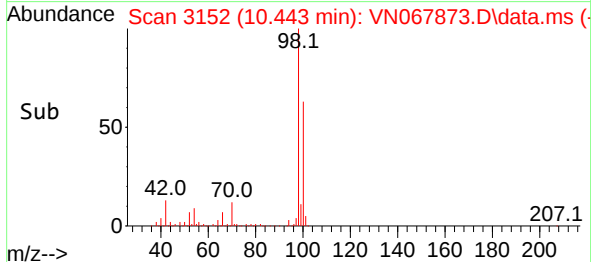
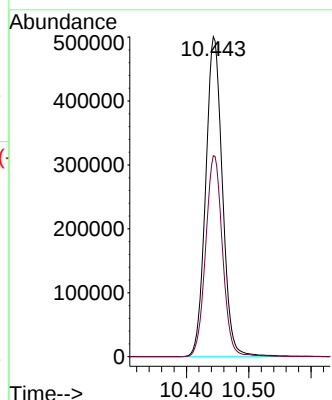
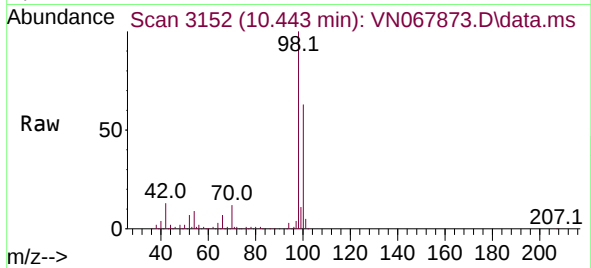




#50
Toluene-d8
Concen: 48.818 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067873.D
Acq: 23 Jul 2021 12:08

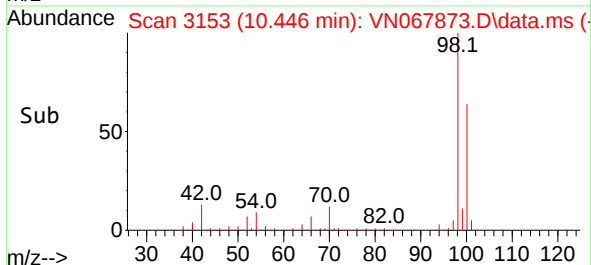
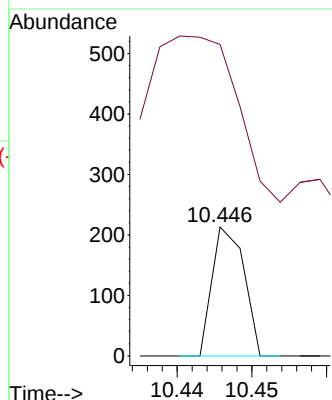
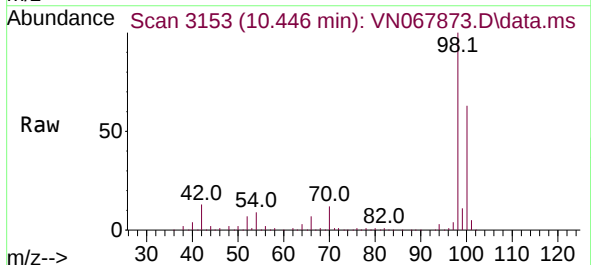
Instrument :
MSVOA_N
ClientSampled :

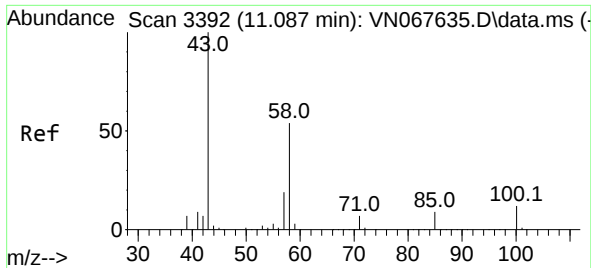
Tgt Ion: 98 Resp: 936055
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5



#53
t-1,3-Dichloropropene
Concen: 1.751 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. -0.276 min
Lab File: VN067873.D
Acq: 23 Jul 2021 12:08

Tgt Ion: 75 Resp: 63
Ion Ratio Lower Upper
75 100
77 122.5 25.1 37.7#

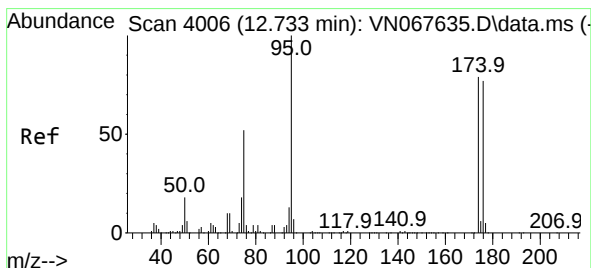
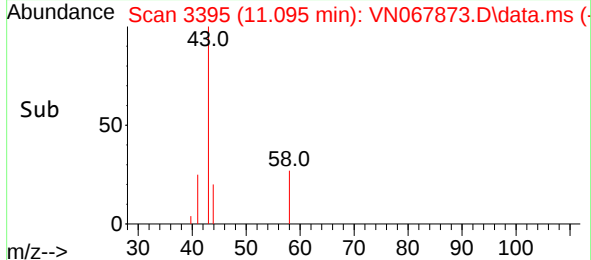
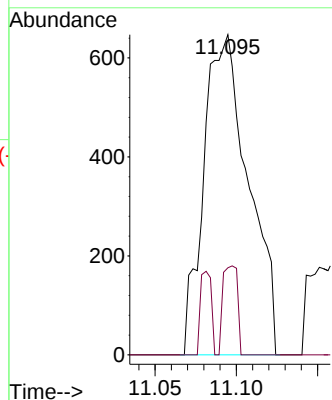
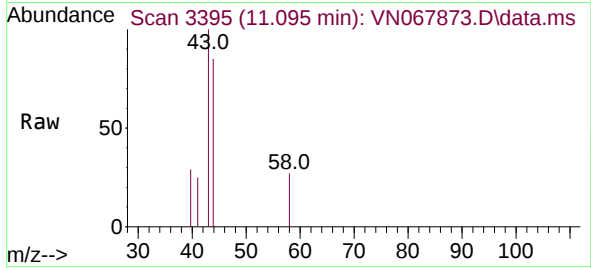




#59
2-Hexanone
Concen: 0.241 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.008 min
Lab File: VN067873.D
Acq: 23 Jul 2021 12:08

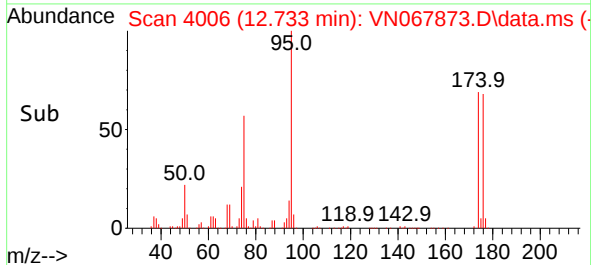
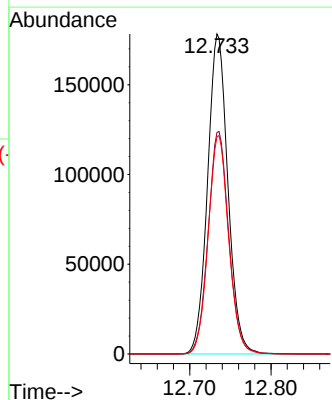
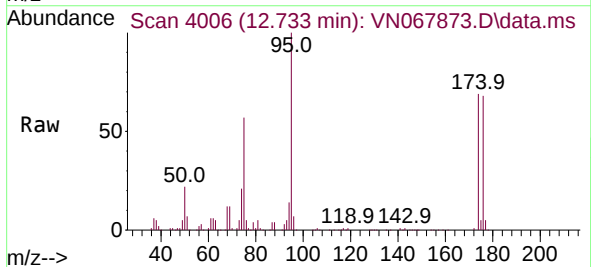
Instrument :
MSVOA_N
ClientSampled :

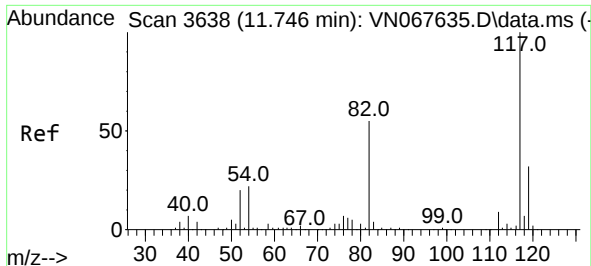
Tgt Ion: 43 Resp: 1241
Ion Ratio Lower Upper
43 100
58 9.0 24.7 74.1#



#62
4-Bromofluorobenzene
Concen: 45.736 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067873.D
Acq: 23 Jul 2021 12:08

Tgt Ion: 95 Resp: 309791
Ion Ratio Lower Upper
95 100
174 70.6 0.0 122.0
176 68.7 0.0 117.6

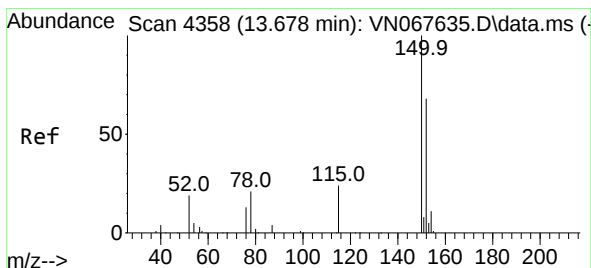
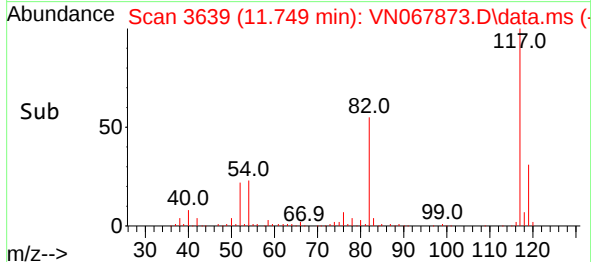
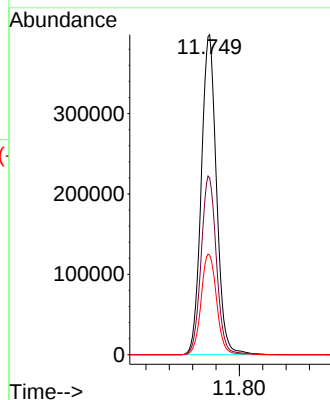
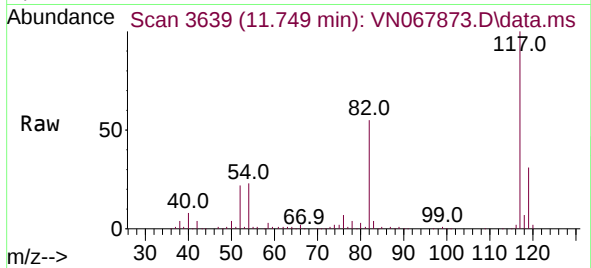




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067873.D
Acq: 23 Jul 2021 12:08

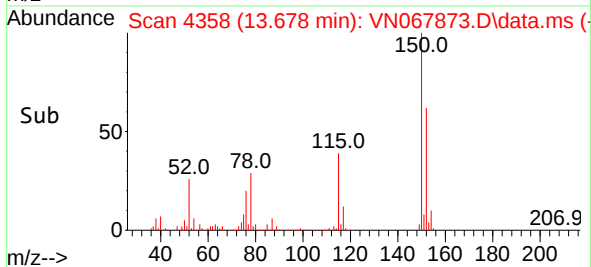
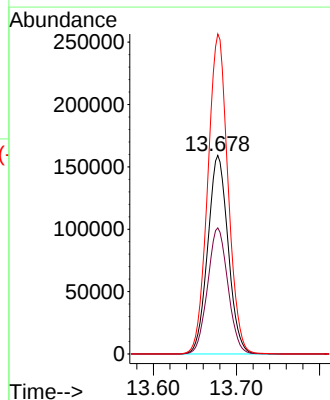
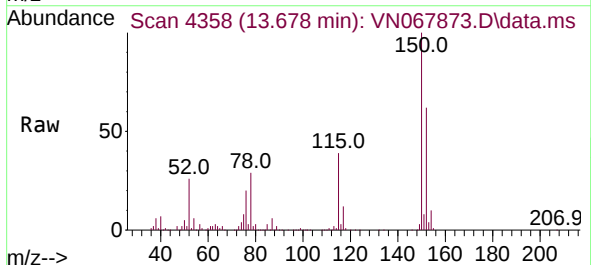
Instrument :
MSVOA_N
ClientSampleId :

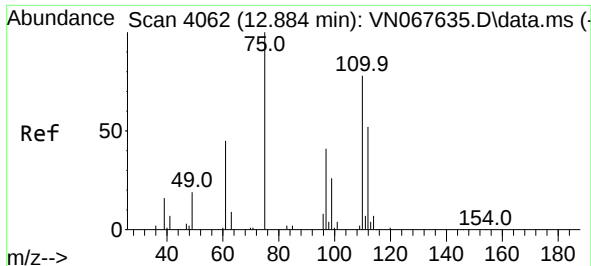
Tgt Ion:117 Resp: 720043
Ion Ratio Lower Upper
117 100
82 55.3 53.1 79.7
119 31.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN067873.D
Acq: 23 Jul 2021 12:08

Tgt Ion:152 Resp: 271067
Ion Ratio Lower Upper
152 100
115 63.3 36.1 108.5
150 159.8 0.0 351.8

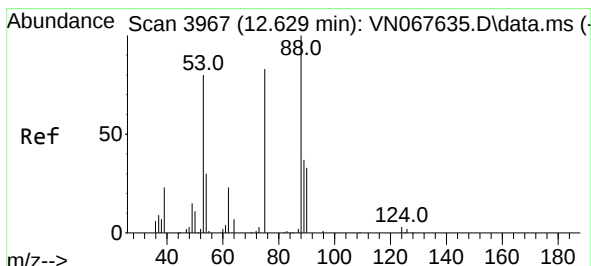
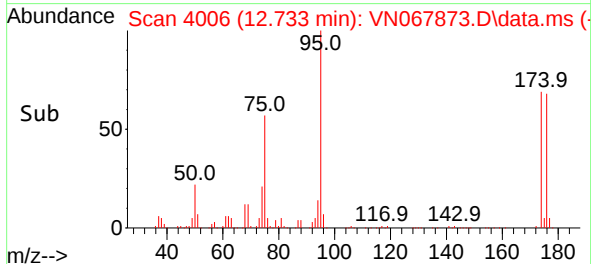
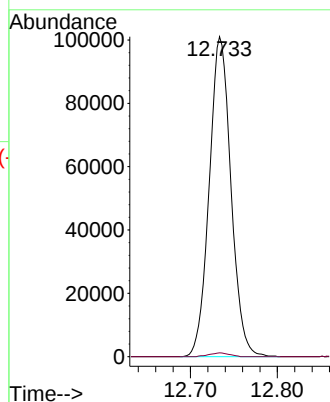
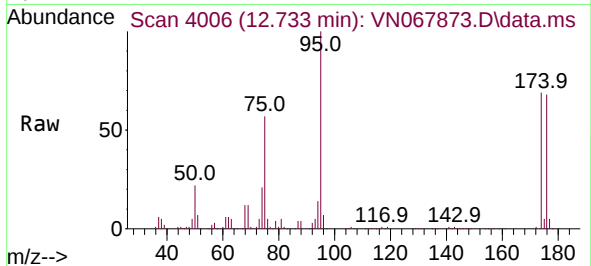




#76
1,2,3-Trichloropropane
Concen: 31.681 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067873.D
Acq: 23 Jul 2021 12:08

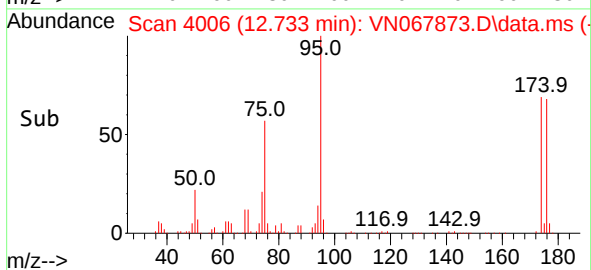
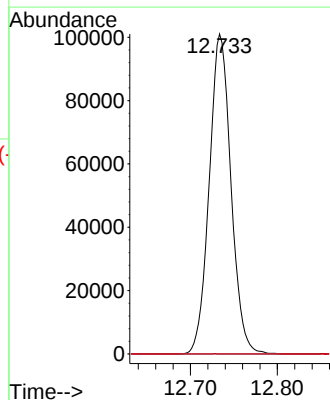
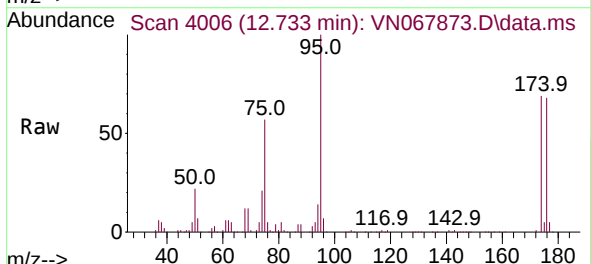
Instrument :
MSVOA_N
ClientSampled :

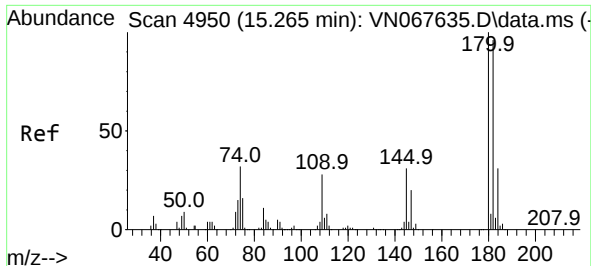
Tgt Ion: 75 Resp: 175375
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.142 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067873.D
Acq: 23 Jul 2021 12:08

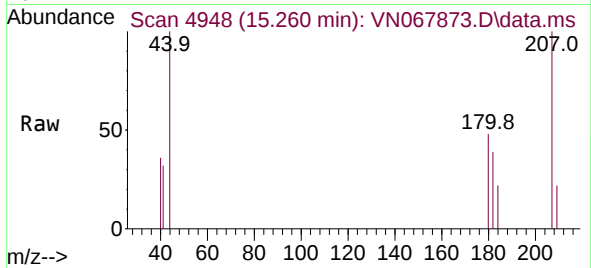
Tgt Ion: 75 Resp: 175375
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



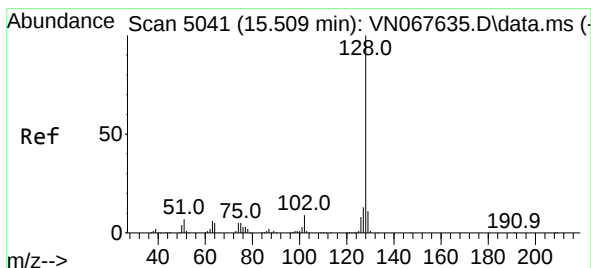
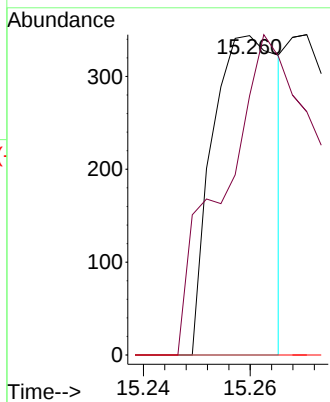
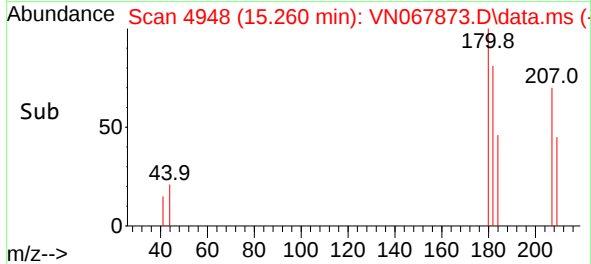


#93
1,2,4-Trichlorobenzene
Concen: 2.736 ug/l
RT: 15.260 min Scan# 4948
Delta R.T. -0.005 min
Lab File: VN067873.D
Acq: 23 Jul 2021 12:08

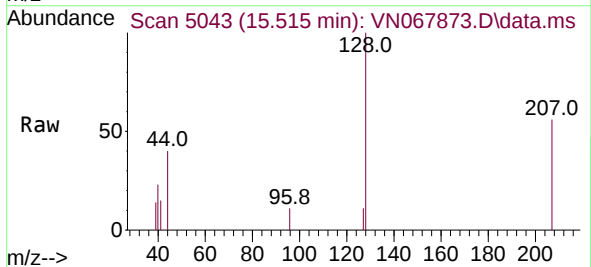
Instrument :
MSVOA_N
ClientSampled :



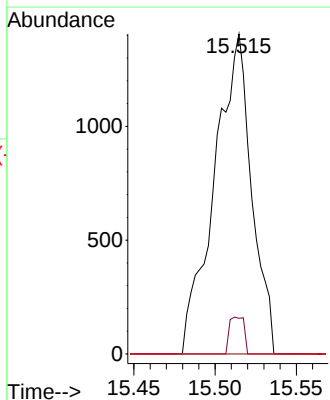
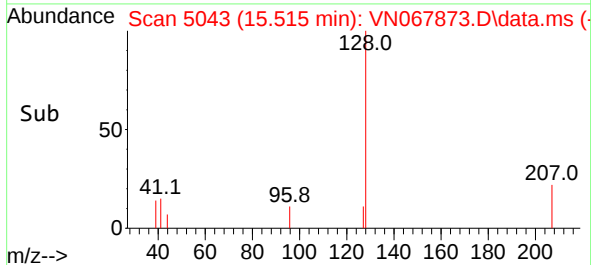
Tgt Ion:180 Resp: 294
Ion Ratio Lower Upper
180 100
182 164.3 47.5 142.5#
145 0.0 17.2 51.6#

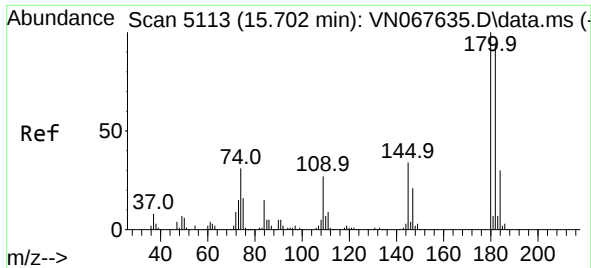


#95
Naphthalene
Concen: 3.171 ug/l
RT: 15.515 min Scan# 5043
Delta R.T. 0.006 min
Lab File: VN067873.D
Acq: 23 Jul 2021 12:08



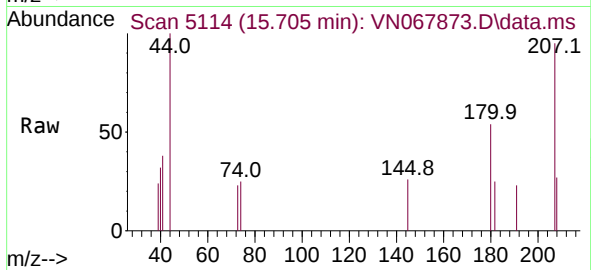
Tgt Ion:128 Resp: 2247
Ion Ratio Lower Upper
128 100
127 4.5 10.6 15.8#
129 0.0 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.738 ug/l
 RT: 15.705 min Scan# 5114
 Delta R.T. 0.003 min
 Lab File: VN067873.D
 Acq: 23 Jul 2021 12:08

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	483
Ion	Ratio	Lower	Upper
180	100		
182	54.9	47.8	143.3
145	17.4	18.2	54.6#

