

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070622\
 Data File : VN073337.D
 Acq On : 06 Jul 2022 11:45
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 07 04:21:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

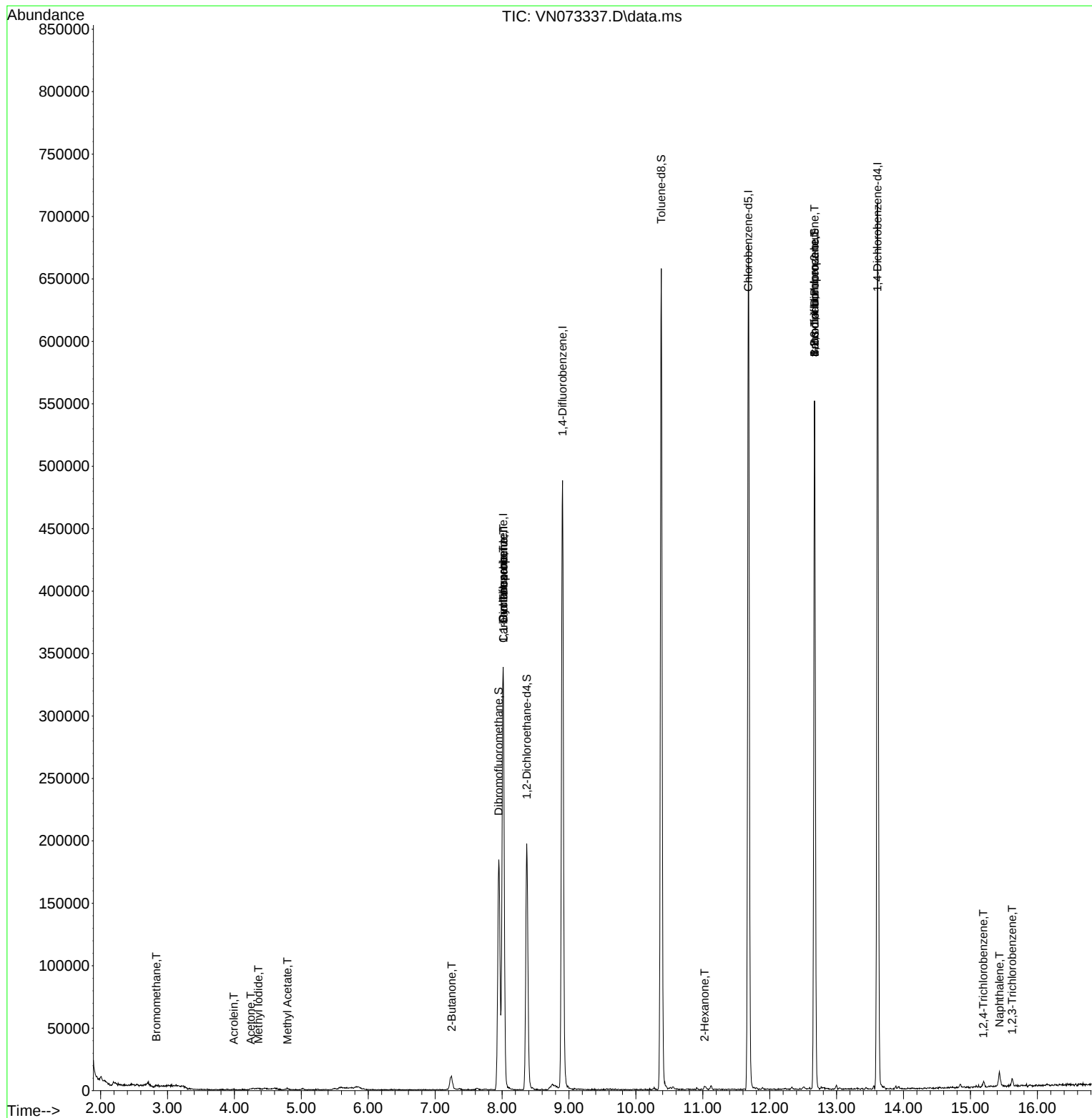
Internal Standards						
1) Pentafluorobenzene	8.016	168	254507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	428135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	388418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	189202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	165431	45.026	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.060%		
35) Dibromofluoromethane	7.951	113	137511	48.276	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.560%		
50) Toluene-d8	10.380	98	444955	43.982	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.960%		
62) 4-Bromofluorobenzene	12.668	95	193743	49.833	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.660%		
Target Compounds						Qvalue
5) Bromomethane	2.834	94	532	0.367	ug/l #	2
10) Methyl Iodide	4.357	142	930	3.933	ug/l #	69
13) Acrolein	3.993	56	205	0.364	ug/l	90
16) Acetone	4.245	43	1383	0.671	ug/l #	42
18) Methyl Acetate	4.792	43	1861	0.322	ug/l #	56
25) 2-Butanone	7.245	43	987	0.301	ug/l #	45
31) Cyclohexane	8.016	56	6374	1.059	ug/l #	29
36) 1,1-Dichloropropene	8.022	75	21805	4.975	ug/l #	50
38) Carbon Tetrachloride	8.022	117	26807	5.914	ug/l #	17
59) 2-Hexanone	11.027	43	2692	0.585	ug/l	83
71) Bromoform	12.668	173	1273	0.538	ug/l #	1
76) 1,2,3-Trichloropropane	12.668	75	101650	20.547	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	101650	56.349	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.192	180	1712	0.474	ug/l	96
95) Naphthalene	15.433	128	12195	0.836	ug/l	96
96) 1,2,3-Trichlorobenzene	15.621	180	2470	0.662	ug/l	87

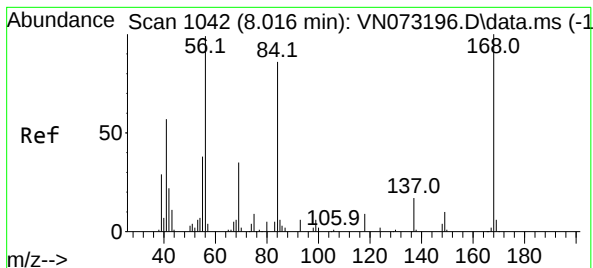
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 29 01:54:03 2022
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN073337.D

Acq: 06 Jul 2022 11:45

Instrument :

MSVOA_N

ClientSampleId :

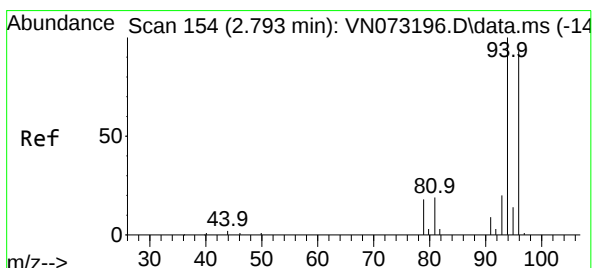
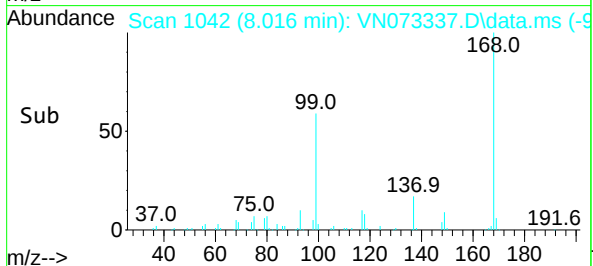
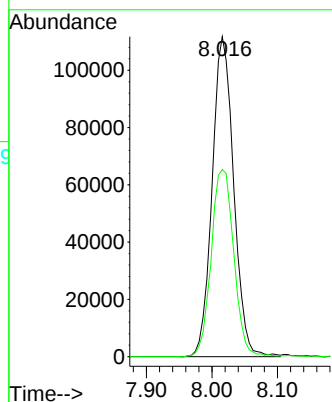
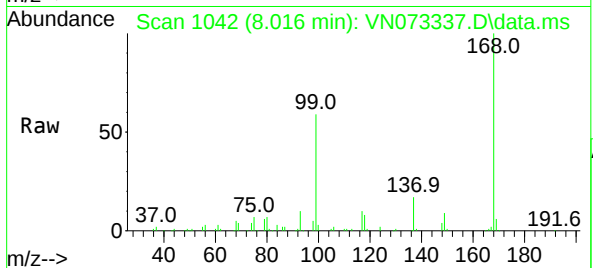
IBLK

Tgt Ion:168 Resp: 254507

Ion Ratio Lower Upper

168 100

99 58.5 42.3 63.5



#5

Bromomethane

Concen: 0.367 ug/l

RT: 2.834 min Scan# 161

Delta R.T. 0.041 min

Lab File: VN073337.D

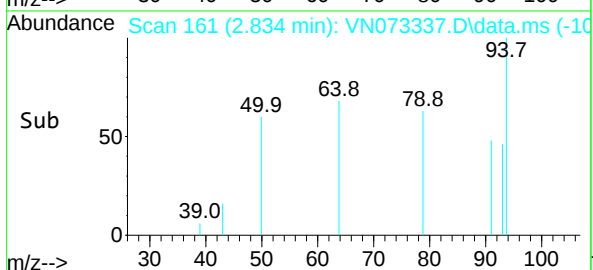
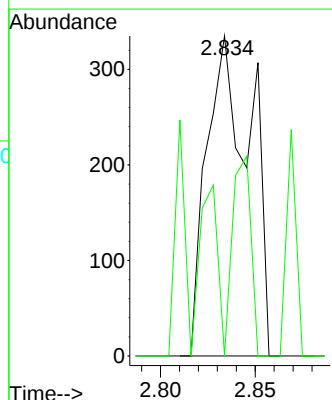
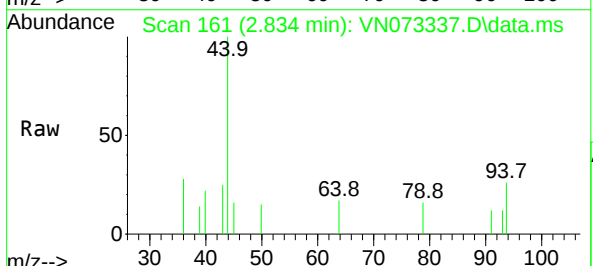
Acq: 06 Jul 2022 11:45

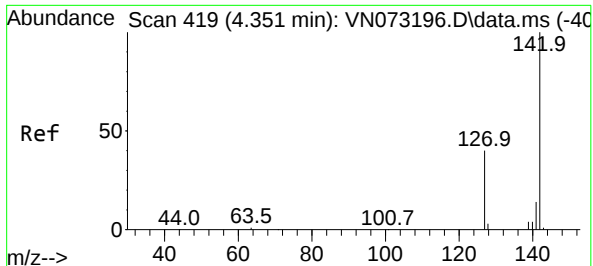
Tgt Ion: 94 Resp: 532

Ion Ratio Lower Upper

94 100

96 0.0 76.0 114.0#

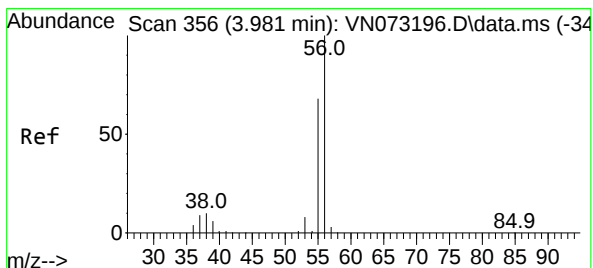
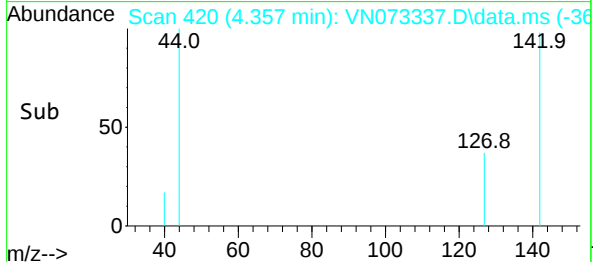
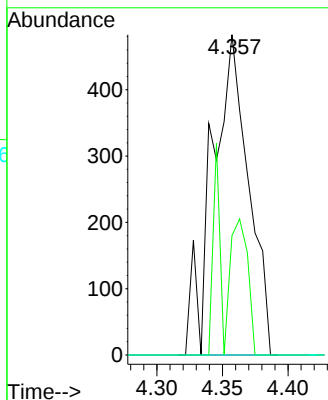
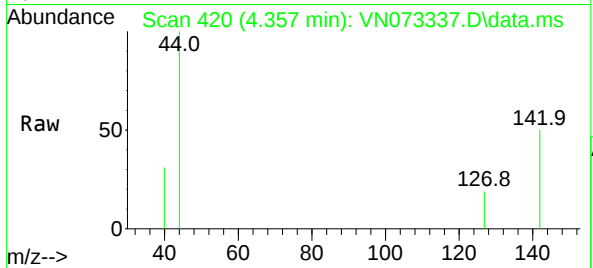




#10
Methyl Iodide
Concen: 3.933 ug/l
RT: 4.357 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN073337.D
Acq: 06 Jul 2022 11:45

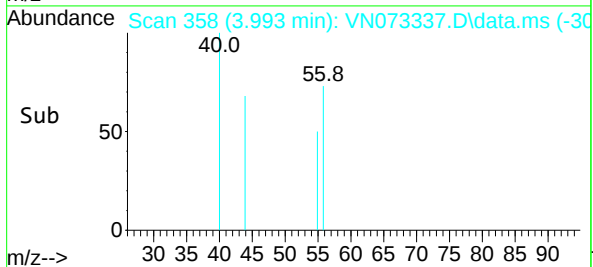
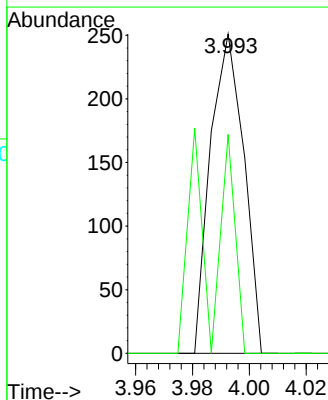
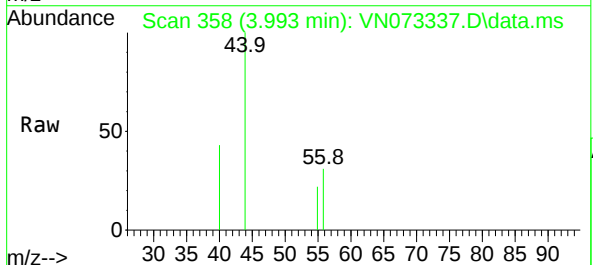
Instrument :
MSVOA_N
ClientSampleId :
IBLK

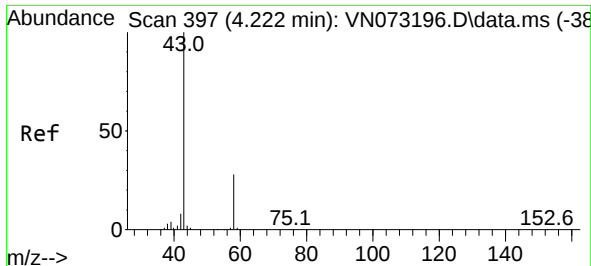
Tgt Ion:142 Resp: 930
Ion Ratio Lower Upper
142 100
127 20.5 31.3 46.9#
141 0.0 11.2 16.8#



#13
Acrolein
Concen: 0.364 ug/l
RT: 3.993 min Scan# 358
Delta R.T. 0.012 min
Lab File: VN073337.D
Acq: 06 Jul 2022 11:45

Tgt Ion: 56 Resp: 205
Ion Ratio Lower Upper
56 100
55 60.0 54.8 82.2

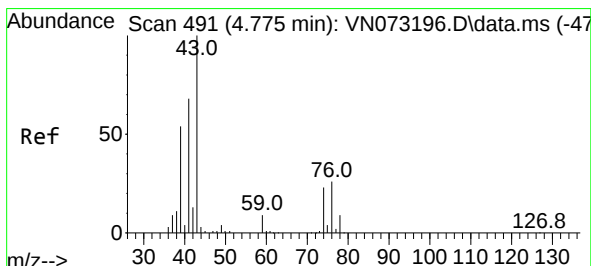
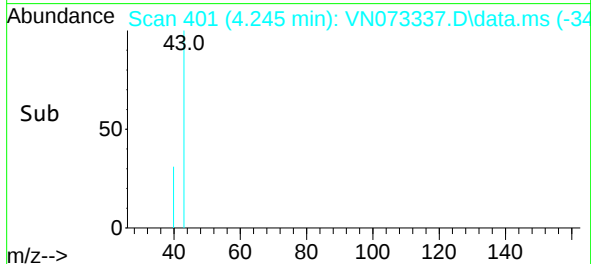
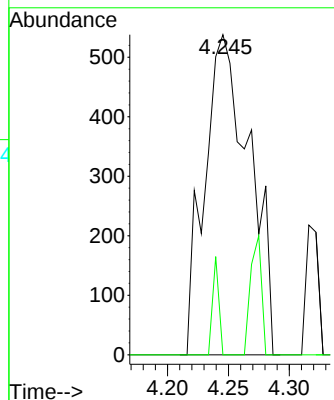
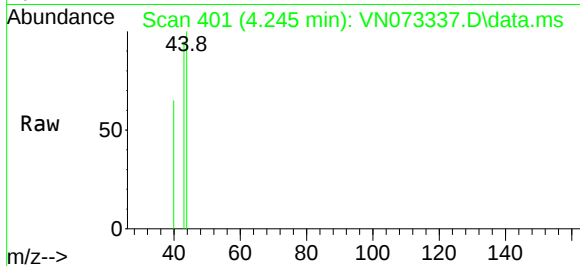




#16
Acetone
Concen: 0.671 ug/l
RT: 4.245 min Scan# 401
Delta R.T. 0.023 min
Lab File: VN073337.D
Acq: 06 Jul 2022 11:45

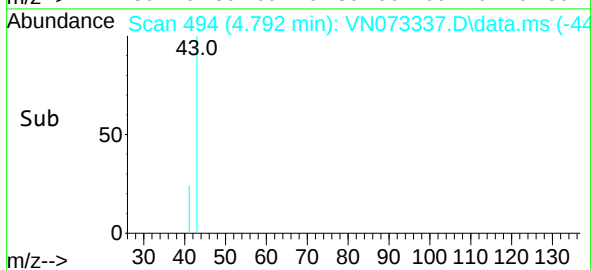
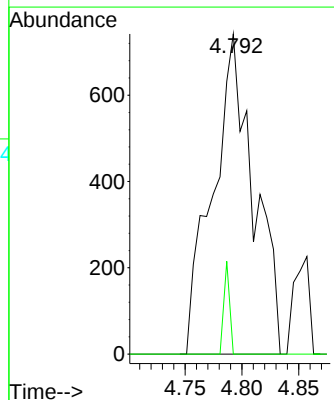
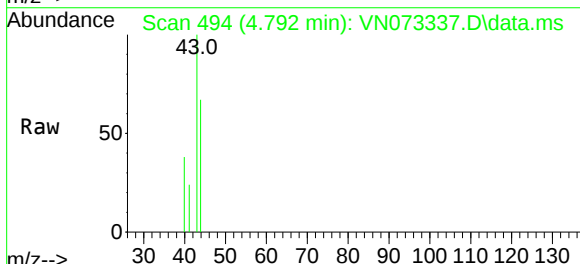
Instrument :
MSVOA_N
ClientSampleId :
IBLK

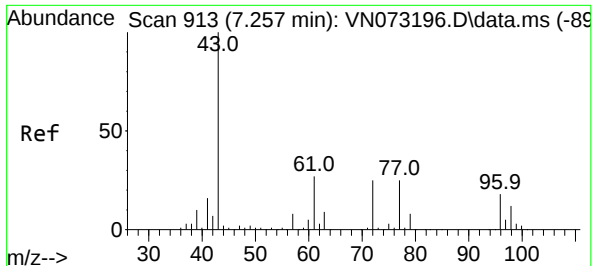
Tgt Ion: 43 Resp: 1383
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#18
Methyl Acetate
Concen: 0.322 ug/l
RT: 4.792 min Scan# 494
Delta R.T. 0.017 min
Lab File: VN073337.D
Acq: 06 Jul 2022 11:45

Tgt Ion: 43 Resp: 1861
Ion Ratio Lower Upper
43 100
74 4.1 21.6 32.4#





#25

2-Butanone

Concen: 0.301 ug/l

RT: 7.245 min Scan# 91

Delta R.T. -0.012 min

Lab File: VN073337.D

Acq: 06 Jul 2022 11:45

Instrument :

MSVOA_N

ClientSampleId :

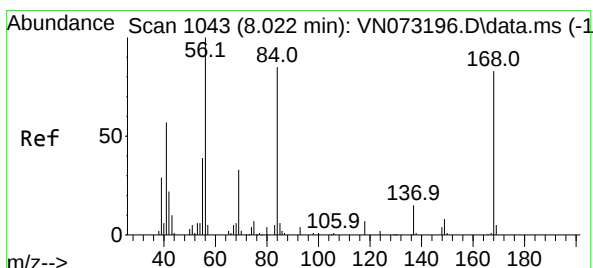
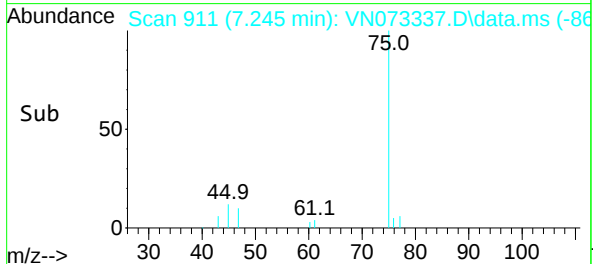
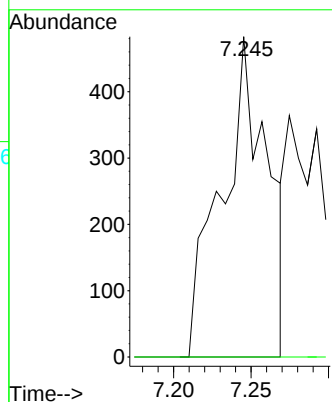
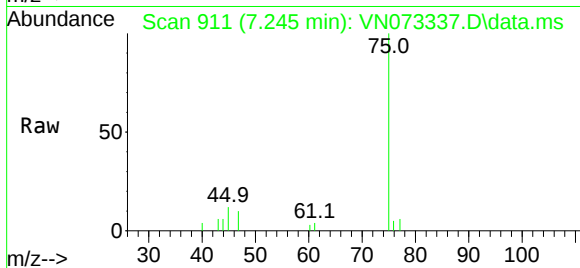
IBLK

Tgt Ion: 43 Resp: 987

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#31

Cyclohexane

Concen: 1.059 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN073337.D

Acq: 06 Jul 2022 11:45

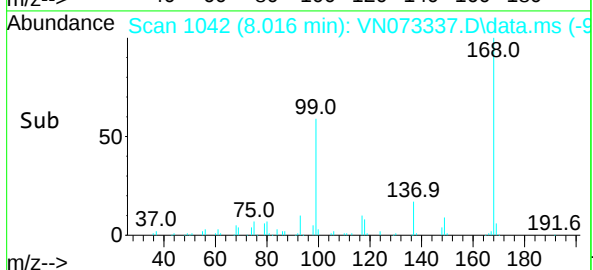
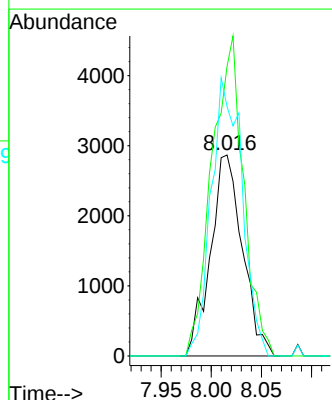
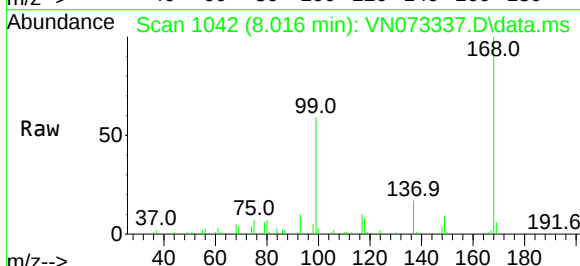
Tgt Ion: 56 Resp: 6374

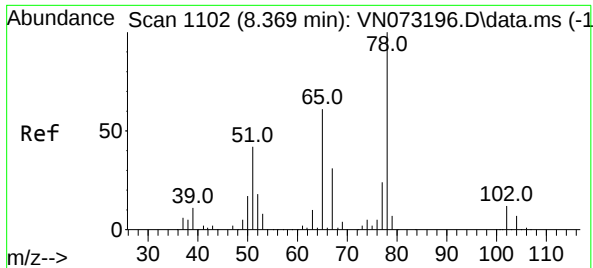
Ion Ratio Lower Upper

56 100

69 144.1 27.8 41.8#

84 124.0 76.9 115.3#

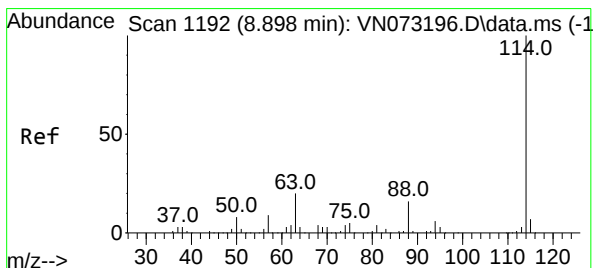
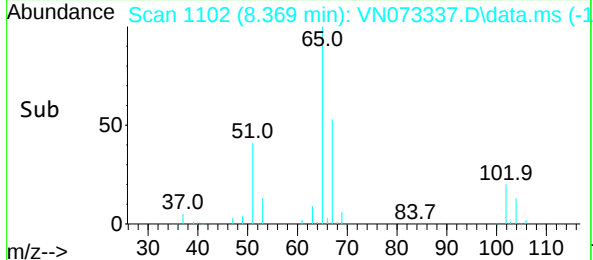
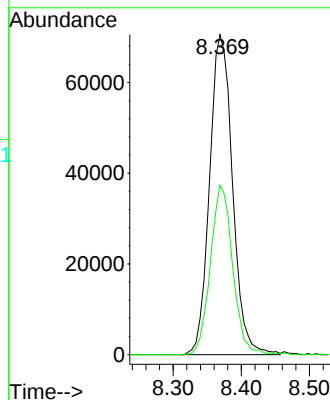
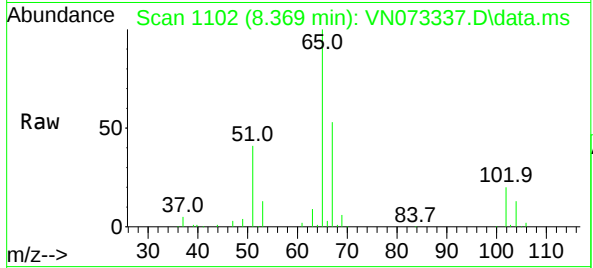




#33
1,2-Dichloroethane-d4
Concen: 45.026 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073337.D
Acq: 06 Jul 2022 11:45

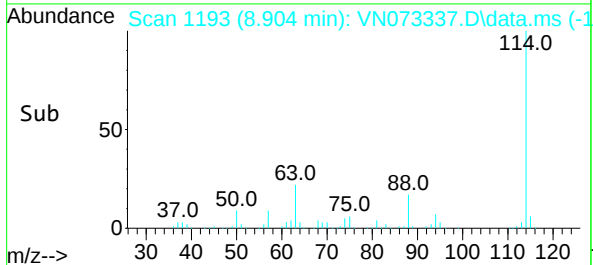
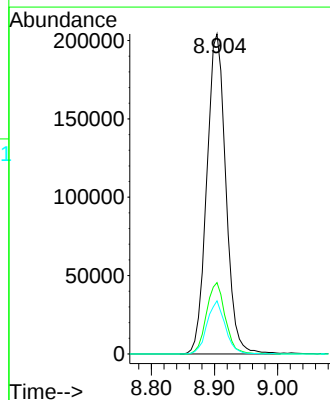
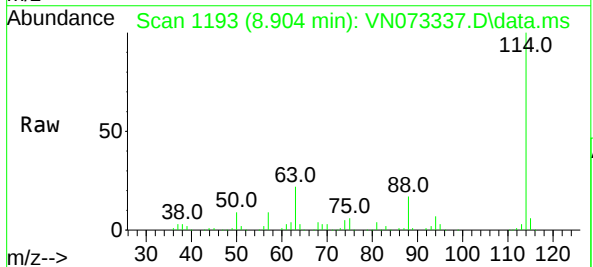
Instrument :
MSVOA_N
ClientSampleId :
IBLK

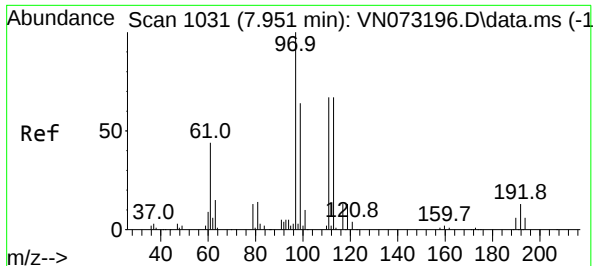
Tgt Ion: 65 Resp: 165431
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN073337.D
Acq: 06 Jul 2022 11:45

Tgt Ion: 114 Resp: 428135
Ion Ratio Lower Upper
114 100
63 22.3 0.0 40.0
88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.276 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073337.D

Acq: 06 Jul 2022 11:45

Instrument :

MSVOA_N

ClientSampleId :

IBLK

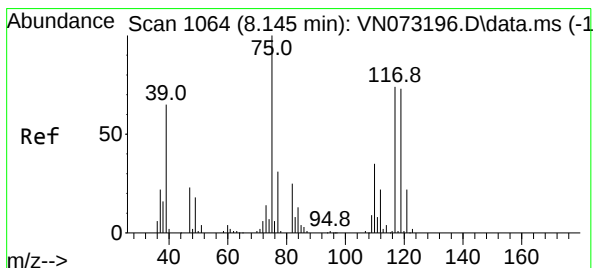
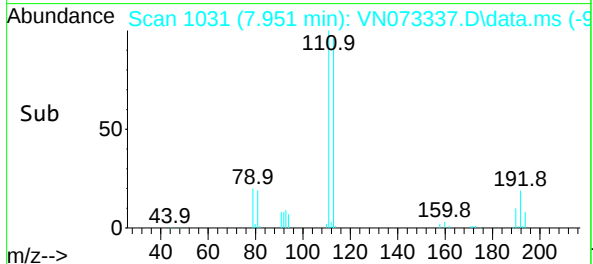
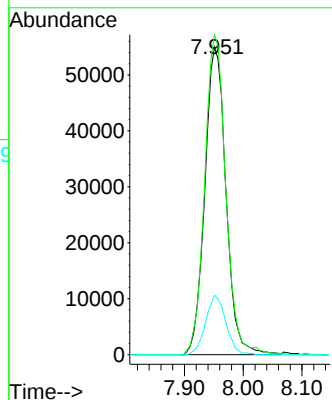
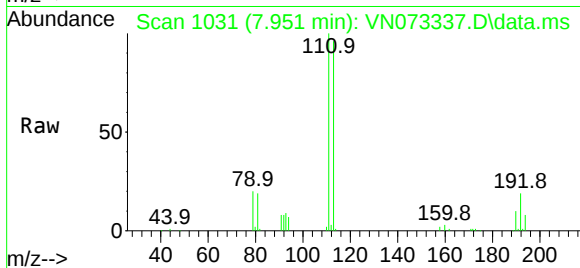
Tgt Ion:113 Resp: 137511

Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 18.5 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.975 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.123 min

Lab File: VN073337.D

Acq: 06 Jul 2022 11:45

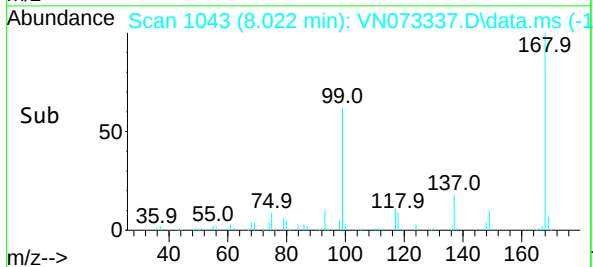
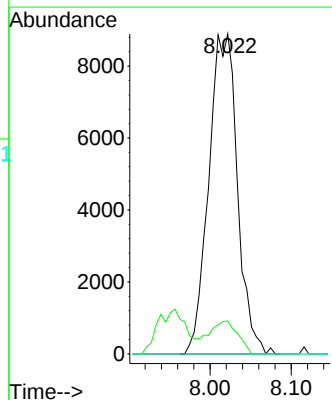
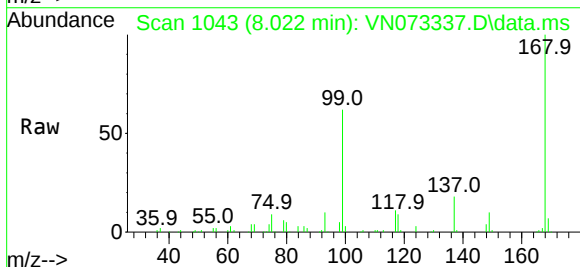
Tgt Ion: 75 Resp: 21805

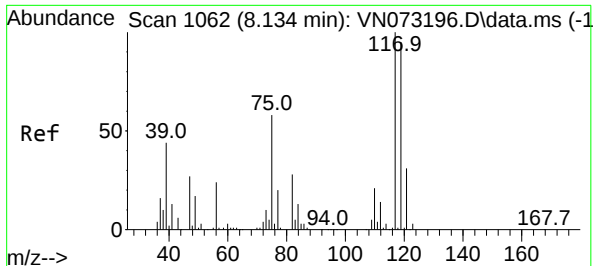
Ion Ratio Lower Upper

75 100

110 10.2 18.3 54.8#

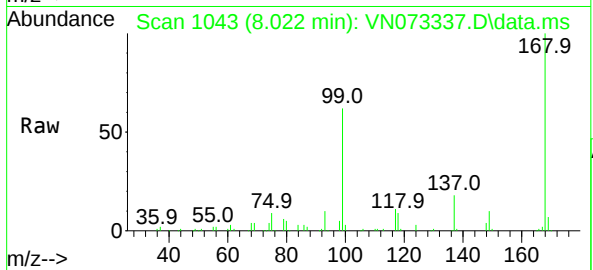
77 0.0 25.1 37.7#



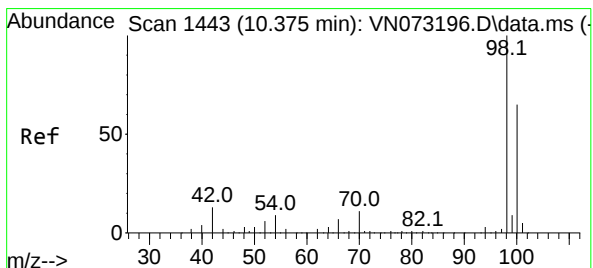
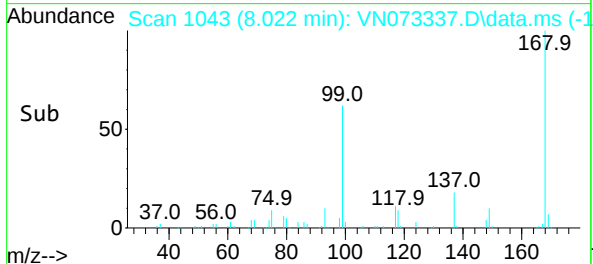
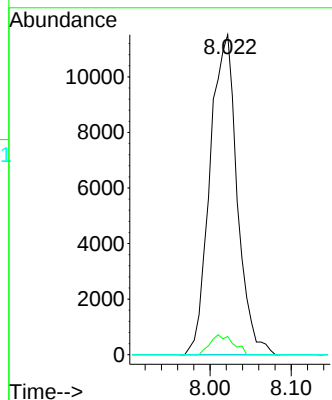


#38
Carbon Tetrachloride
Concen: 5.914 ug/l
RT: 8.022 min Scan# 1062
Delta R.T. -0.112 min
Lab File: VN073337.D
Acq: 06 Jul 2022 11:45

Instrument :
MSVOA_N
ClientSampleId :
IBLK

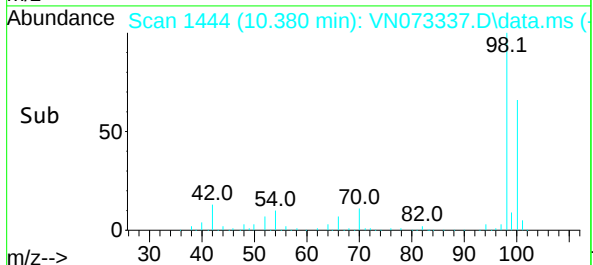
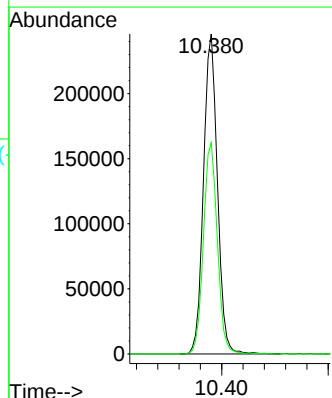
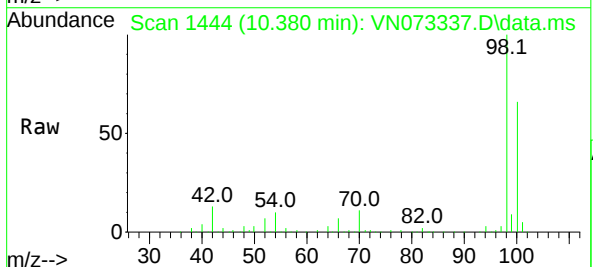


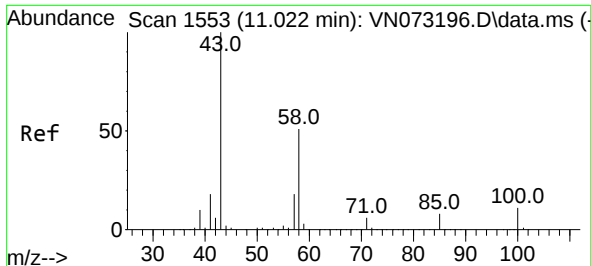
Tgt Ion:117 Resp: 26807
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 43.982 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073337.D
Acq: 06 Jul 2022 11:45

Tgt Ion: 98 Resp: 444955
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8

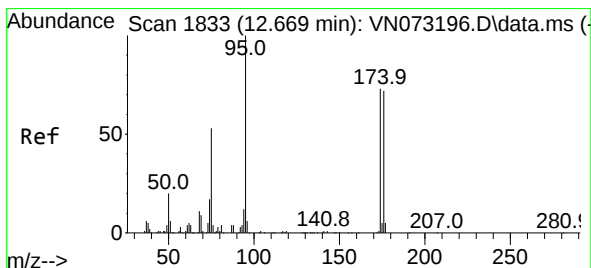
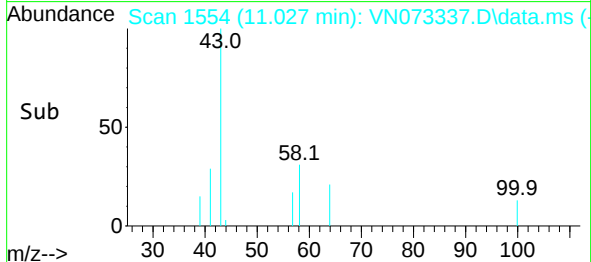
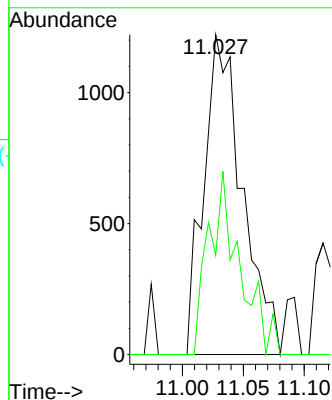
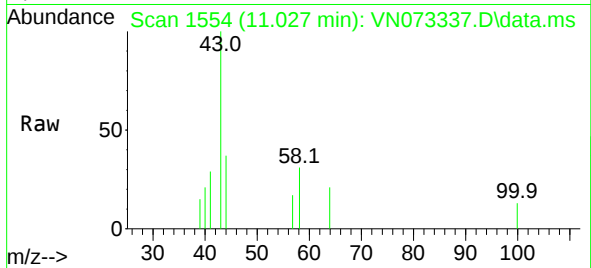




#59
2-Hexanone
Concen: 0.585 ug/l
RT: 11.027 min Scan# 11553
Delta R.T. 0.005 min
Lab File: VN073337.D
Acq: 06 Jul 2022 11:45

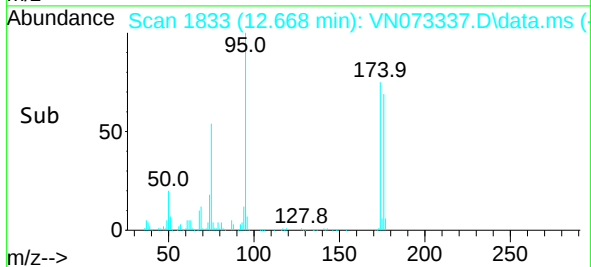
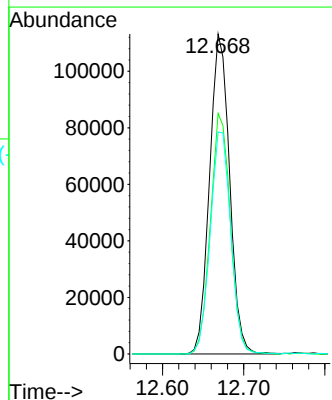
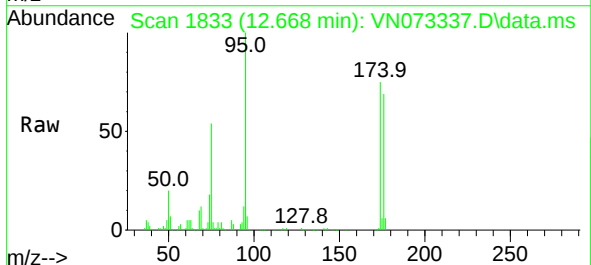
Instrument :
MSVOA_N
ClientSampleId :
IBLK

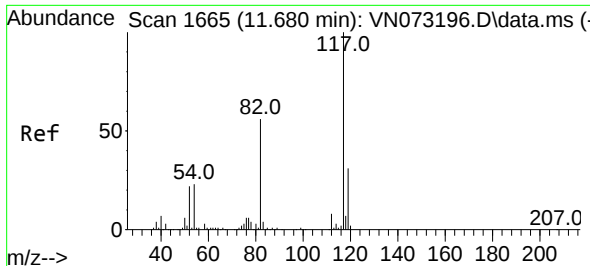
Tgt Ion: 43 Resp: 2692
Ion Ratio Lower Upper
43 100
58 46.5 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 49.833 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073337.D
Acq: 06 Jul 2022 11:45

Tgt Ion: 95 Resp: 193743
Ion Ratio Lower Upper
95 100
174 74.7 0.0 167.6
176 71.3 0.0 163.4

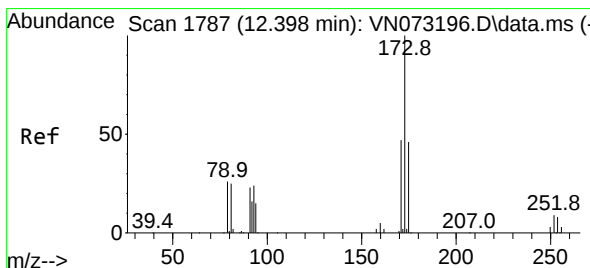
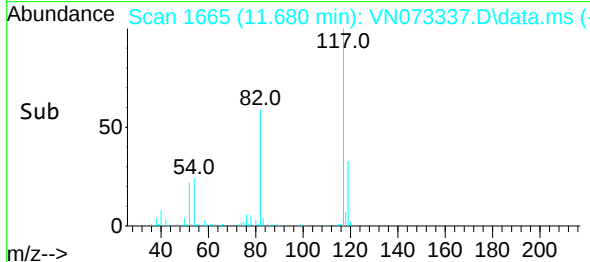
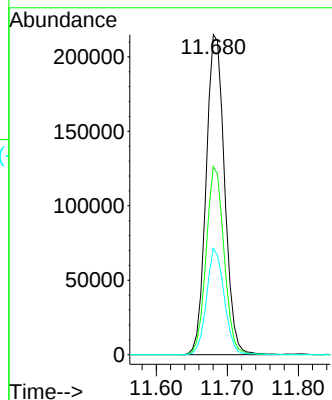
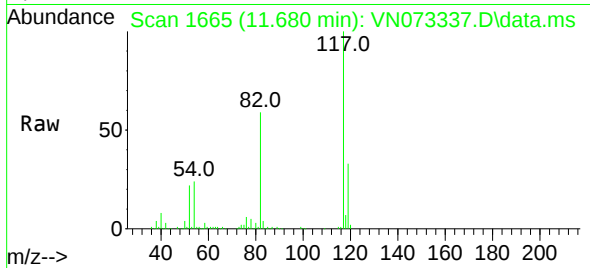




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN073337.D
Acq: 06 Jul 2022 11:45

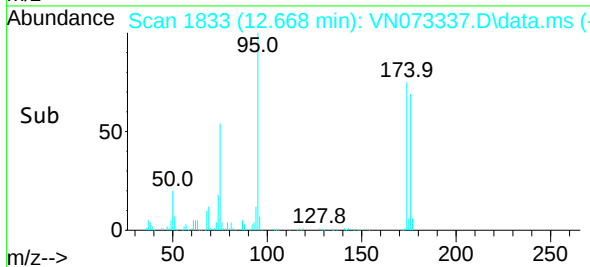
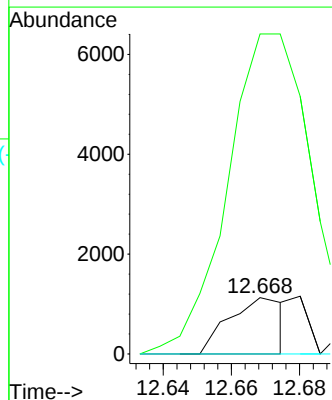
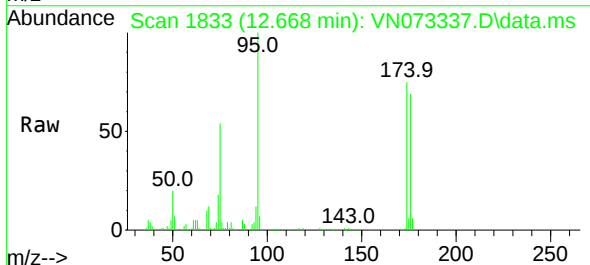
Instrument :
MSVOA_N
ClientSampleId :
IBLK

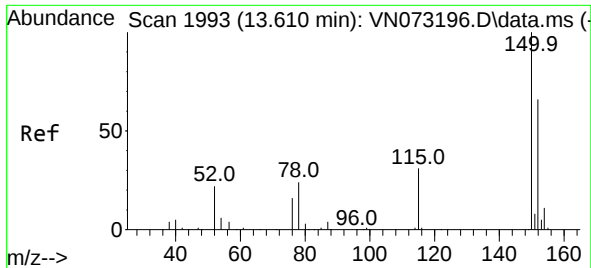
Tgt Ion:117 Resp: 388418
Ion Ratio Lower Upper
117 100
82 58.7 44.2 66.2
119 33.2 25.4 38.0



#71
Bromoform
Concen: 0.538 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.270 min
Lab File: VN073337.D
Acq: 06 Jul 2022 11:45

Tgt Ion:173 Resp: 1273
Ion Ratio Lower Upper
173 100
175 608.9 24.6 73.6#
254 0.0 0.1 0.1#

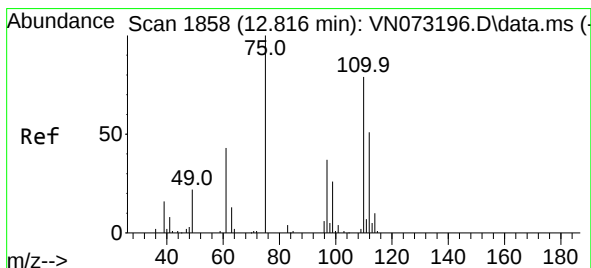
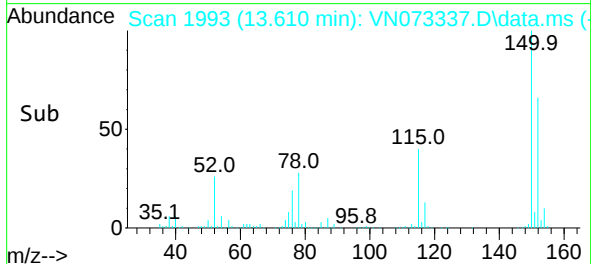
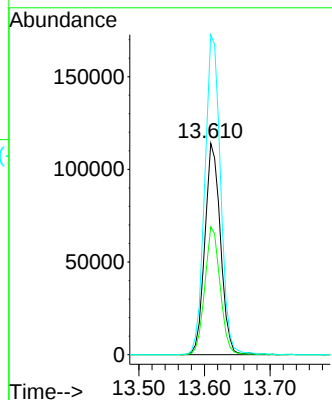
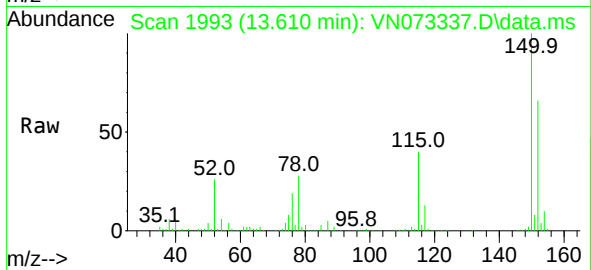




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN073337.D
 Acq: 06 Jul 2022 11:45

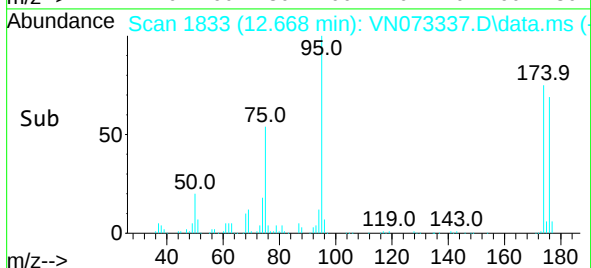
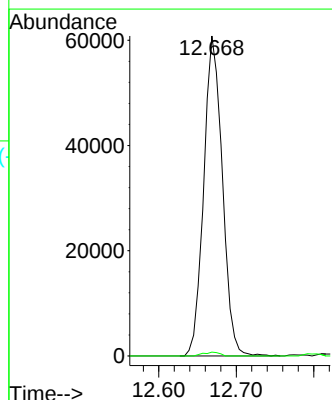
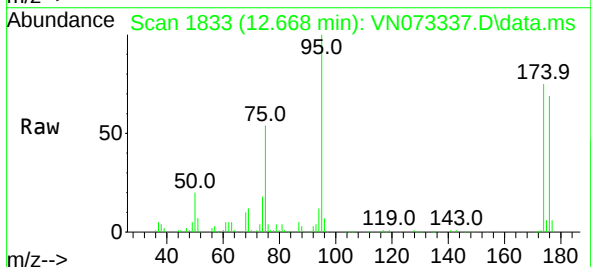
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

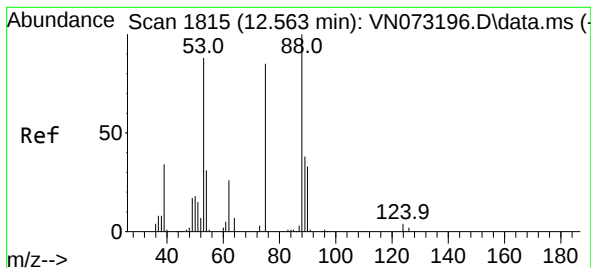
Tgt Ion:152 Resp: 189202
 Ion Ratio Lower Upper
 152 100
 115 59.5 28.9 86.7
 150 153.1 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 20.547 ug/l
 RT: 12.668 min Scan# 1833
 Delta R.T. -0.148 min
 Lab File: VN073337.D
 Acq: 06 Jul 2022 11:45

Tgt Ion: 75 Resp: 101650
 Ion Ratio Lower Upper
 75 100
 77 1.0 98.5 295.5#

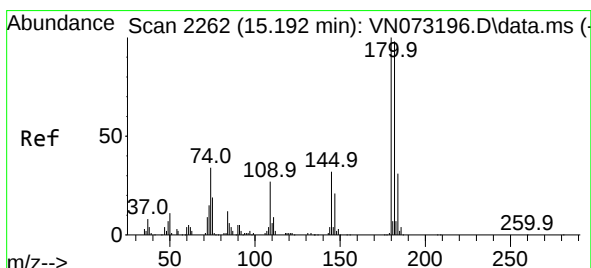
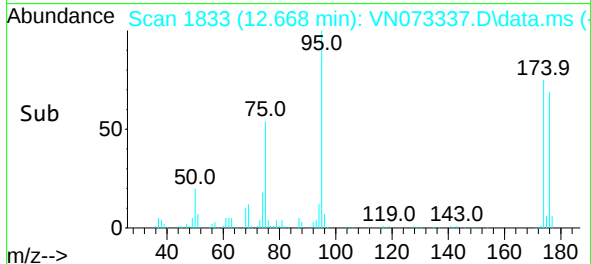
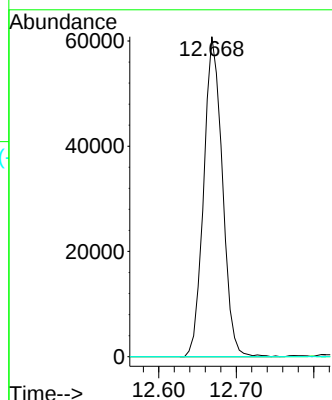
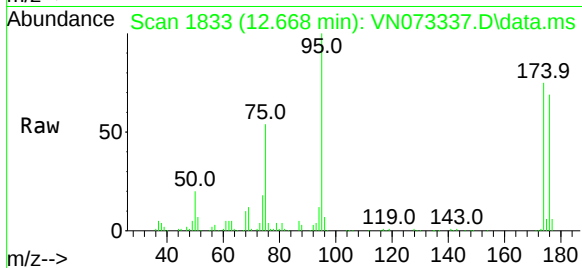




#81
trans-1,4-Dichloro-2-butene
Concen: 56.349 ug/l
RT: 12.668 min Scan# 1815
Delta R.T. 0.105 min
Lab File: VN073337.D
Acq: 06 Jul 2022 11:45

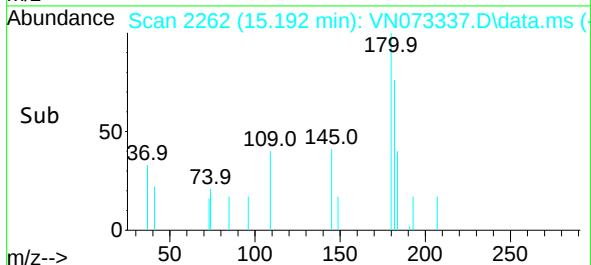
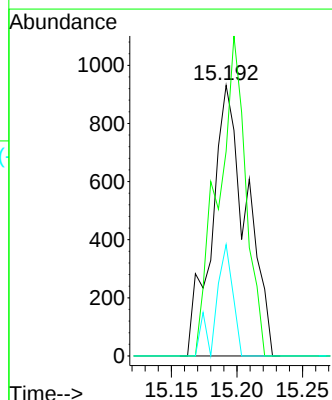
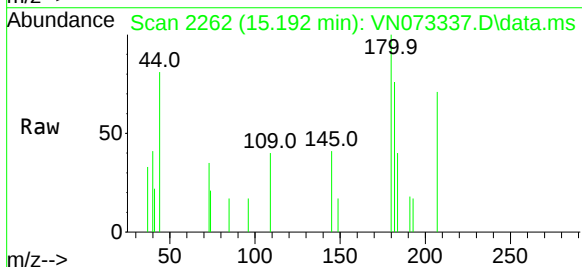
Instrument :
MSVOA_N
ClientSampleId :
IBLK

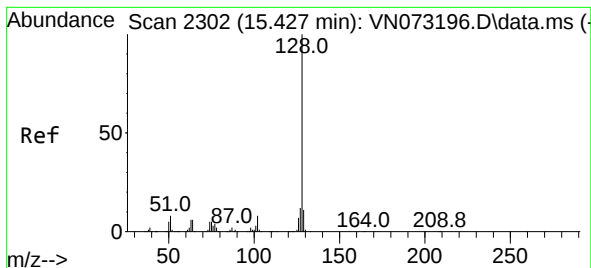
Tgt Ion: 75 Resp: 101650
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.474 ug/l
RT: 15.192 min Scan# 2262
Delta R.T. -0.000 min
Lab File: VN073337.D
Acq: 06 Jul 2022 11:45

Tgt Ion:180 Resp: 1712
Ion Ratio Lower Upper
180 100
182 94.7 47.5 142.5
145 20.2 14.5 43.5





#95

Naphthalene

Concen: 0.836 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN073337.D

Acq: 06 Jul 2022 11:45

Instrument :

MSVOA_N

ClientSampleId :

IBLK

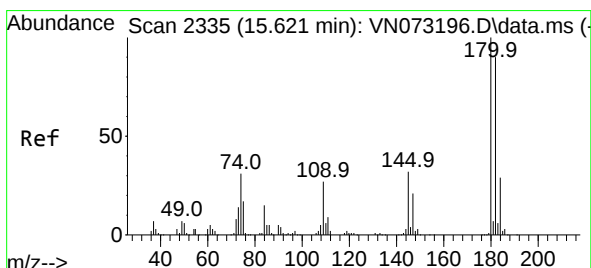
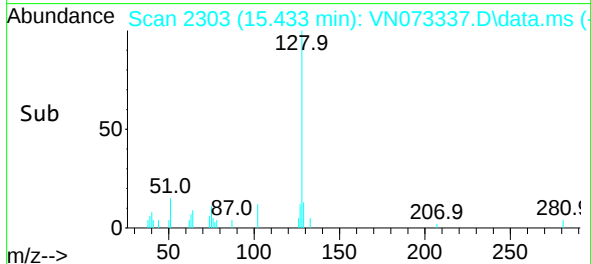
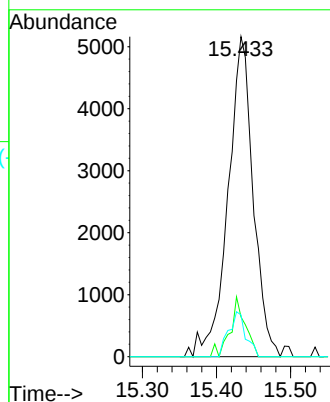
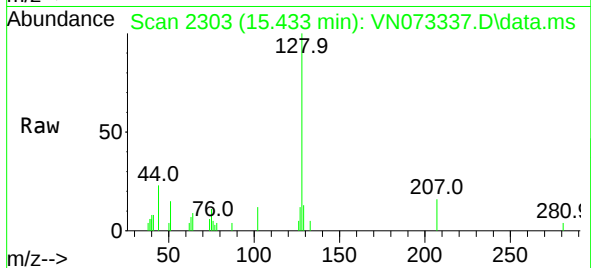
Tgt Ion:128 Resp: 12195

Ion Ratio Lower Upper

128 100

127 11.2 10.3 15.5

129 9.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.662 ug/l

RT: 15.621 min Scan# 2335

Delta R.T. 0.000 min

Lab File: VN073337.D

Acq: 06 Jul 2022 11:45

Tgt Ion:180 Resp: 2470

Ion Ratio Lower Upper

180 100

182 79.4 47.8 143.3

145 32.4 15.5 46.5

