

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073901.D
 Acq On : 15 Aug 2022 17:31
 Operator : JC\MD
 Sample : N4102-03
 Misc : 1.10g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FILTER-DRUM-0808

Quant Time: Aug 15 23:58:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 15 23:50:46 2022
 Response via : Initial Calibration

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

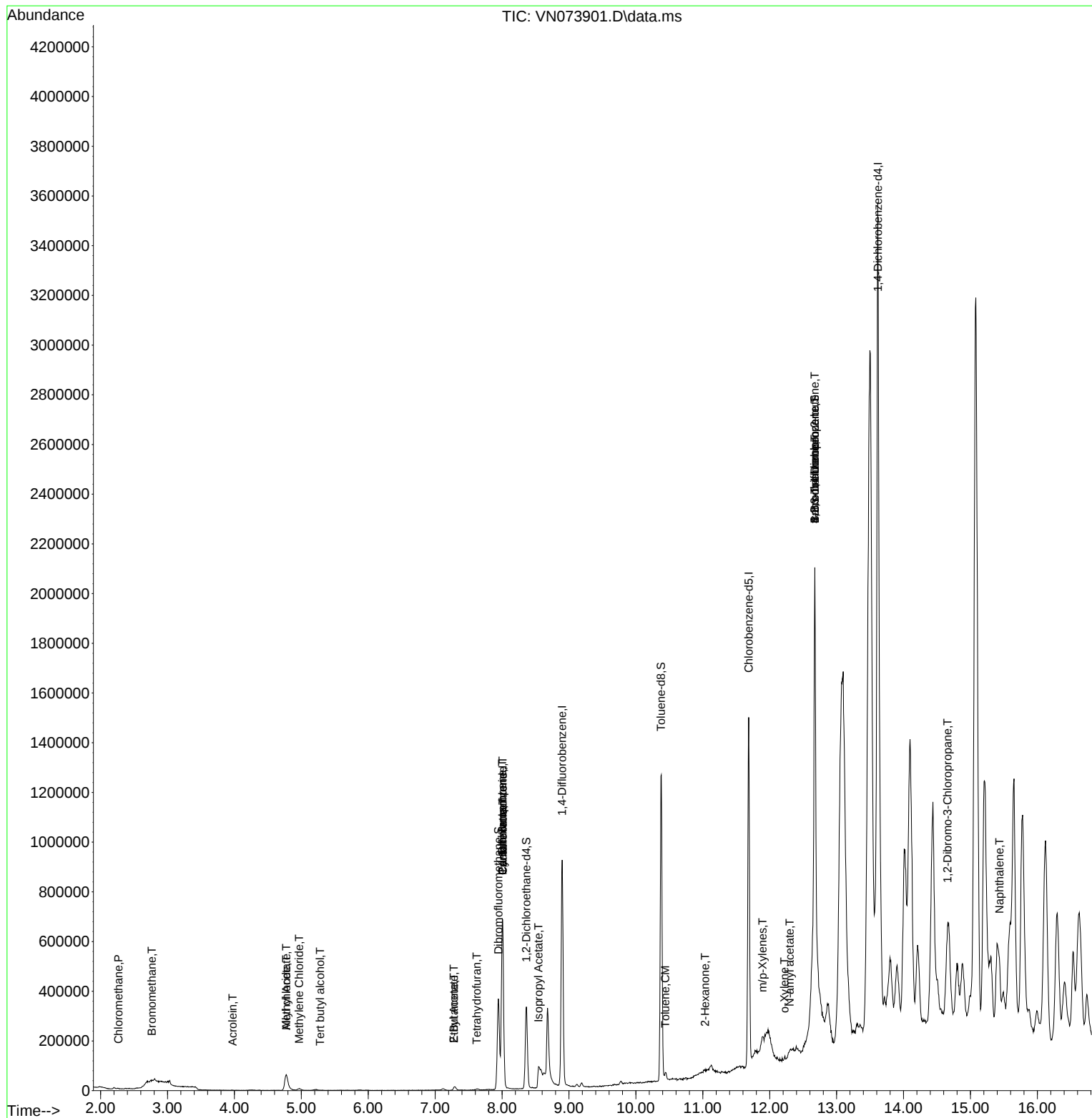
Internal Standards						
1) Pentafluorobenzene	8.010	168	601885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	865068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	875805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	720234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	272373	46.462	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.920%		
35) Dibromofluoromethane	7.945	113	261748	51.163	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.320%		
50) Toluene-d8	10.374	98	924668	46.668	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.340%		
62) 4-Bromofluorobenzene	12.674	95	445810	67.796	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	135.600%#		
Target Compounds						Qvalue
3) Chloromethane	2.269	50	2070	0.390	ug/l #	84
5) Bromomethane	2.763	94	1108	0.260	ug/l #	71
11) Tert butyl alcohol	5.281	59	319	0.243	ug/l #	72
13) Acrolein	3.975	56	506	0.551	ug/l	84
14) Allyl chloride	4.775	41	4996	0.710	ug/l #	25
18) Methyl Acetate	4.775	43	147165	19.751	ug/l	98
20) Methylene Chloride	4.969	84	6152	1.054	ug/l #	85
25) 2-Butanone	7.281	43	4139	0.944	ug/l #	82
29) Tetrahydrofuran	7.622	42	2240	0.796	ug/l #	61
31) Cyclohexane	8.010	56	9785	1.197	ug/l #	2
36) 1,1-Dichloropropene	8.004	75	36761	5.173	ug/l #	50
37) Ethyl Acetate	7.281	43	4139	0.481	ug/l #	85
38) Carbon Tetrachloride	8.010	117	51641	6.358	ug/l #	16
43) Isopropyl Acetate	8.545	43	100166	8.168	ug/l #	55
52) Toluene	10.439	92	5278	0.343	ug/l	89
58) 2-Chloroethyl Vinyl ether	9.975	63	357	Below Cal	#	44
59) 2-Hexanone	11.033	43	2878	0.451	ug/l	66
68) m/p-Xylenes	11.892	106	8901	0.708	ug/l	84
69) o-Xylene	12.221	106	3860	0.306	ug/l	67
74) N-amyl acetate	12.298	43	6180	0.312	ug/l #	1
76) 1,2,3-Trichloropropane	12.674	75	260082	16.961	ug/l #	1
77) Bromobenzene	12.674	156	653915	46.064	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	255189	48.484	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.657	75	12774	3.074	ug/l #	1
95) Naphthalene	15.433	128	207533	4.114	ug/l #	83

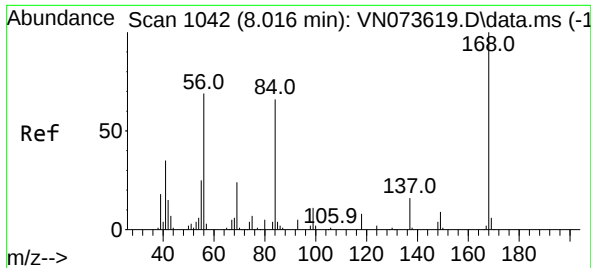
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
Data File : VN073901.D
Acq On : 15 Aug 2022 17:31
Operator : JC\MD
Sample : N4102-03
Misc : 1.10g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FILTER-DRUM-0808

Quant Time: Aug 15 23:58:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 15 23:50:46 2022
Response via : Initial Calibration

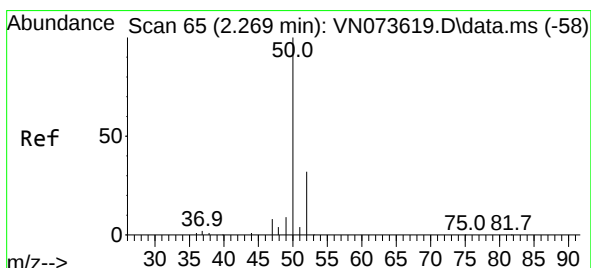
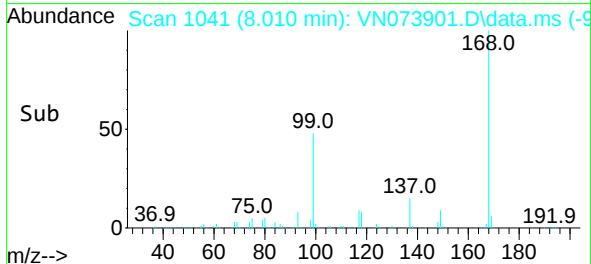
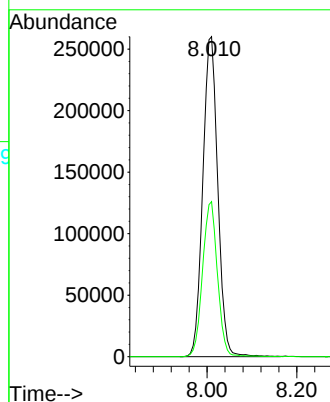
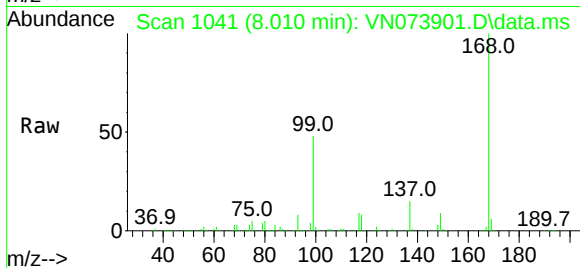




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN073901.D
Acq: 15 Aug 2022 17:31

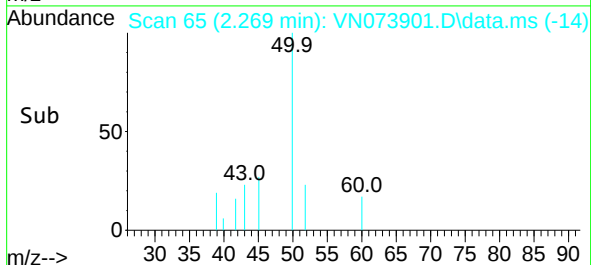
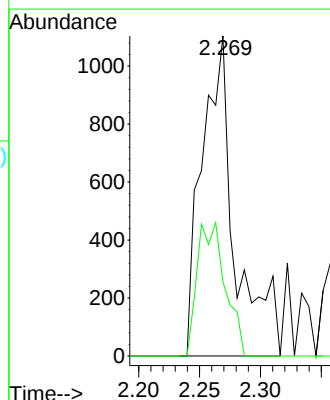
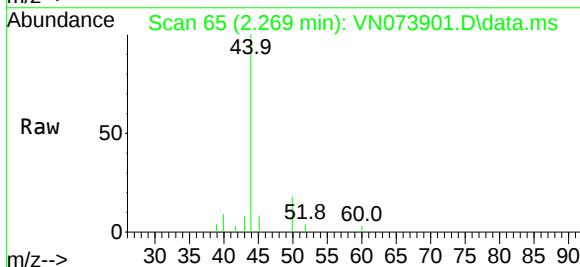
Instrument :
MSVOA_N
ClientSampleId :
FILTER-DRUM-0808

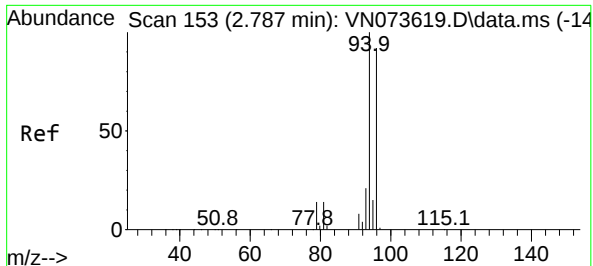
Tgt Ion:168 Resp: 601885
Ion Ratio Lower Upper
168 100
99 48.5 42.3 63.5



#3
Chloromethane
Concen: 0.390 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073901.D
Acq: 15 Aug 2022 17:31

Tgt Ion: 50 Resp: 2070
Ion Ratio Lower Upper
50 100
52 23.2 25.7 38.5#

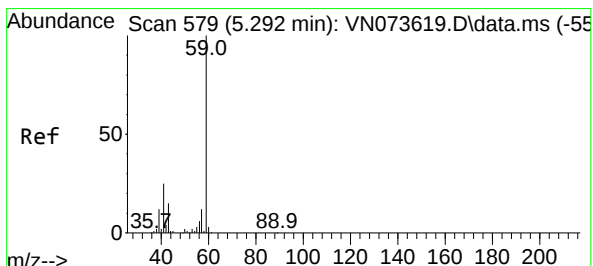
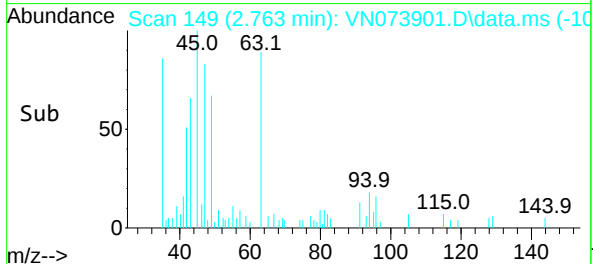
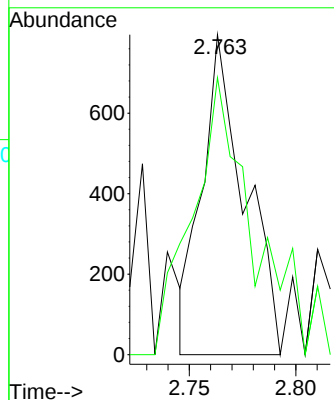
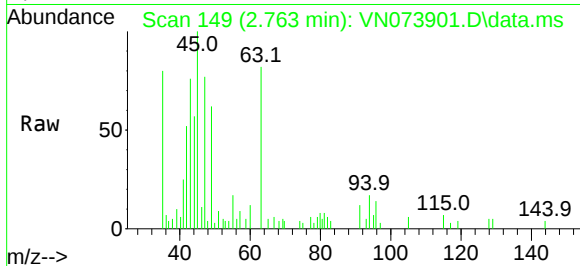




#5
Bromomethane
Concen: 0.260 ug/l
RT: 2.763 min Scan# 149
Delta R.T. -0.024 min
Lab File: VN073901.D
Acq: 15 Aug 2022 17:31

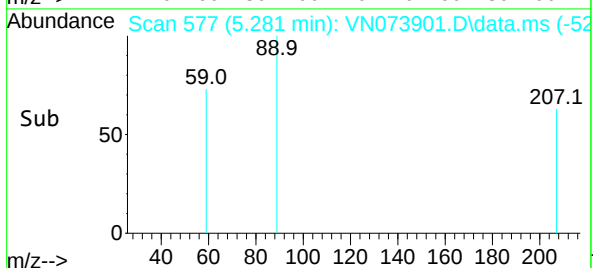
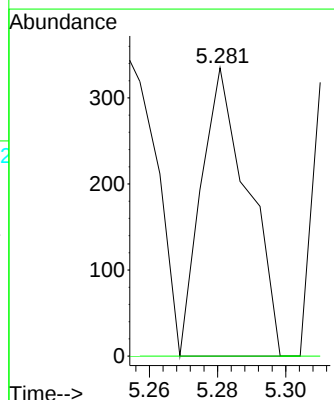
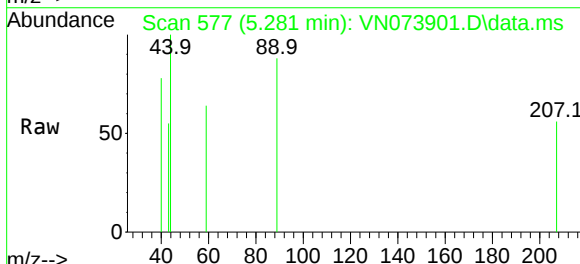
Instrument :
MSVOA_N
ClientSampleId :
FILTER-DRUM-0808

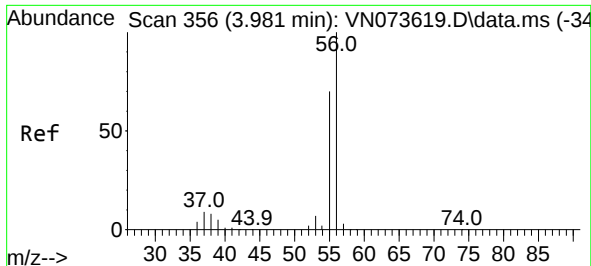
Tgt Ion: 94 Resp: 1108
Ion Ratio Lower Upper
94 100
96 66.4 76.0 114.0#



#11
Tert butyl alcohol
Concen: 0.243 ug/l
RT: 5.281 min Scan# 577
Delta R.T. -0.011 min
Lab File: VN073901.D
Acq: 15 Aug 2022 17:31

Tgt Ion: 59 Resp: 319
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

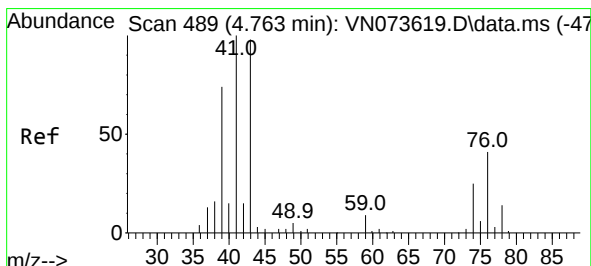
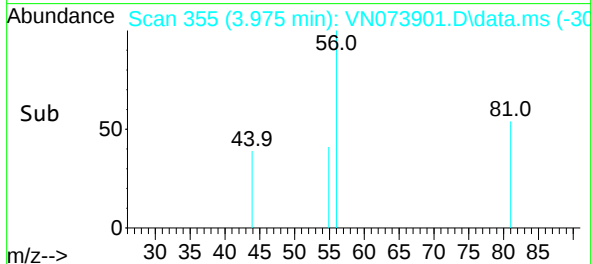
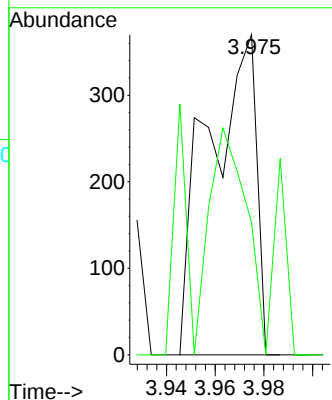
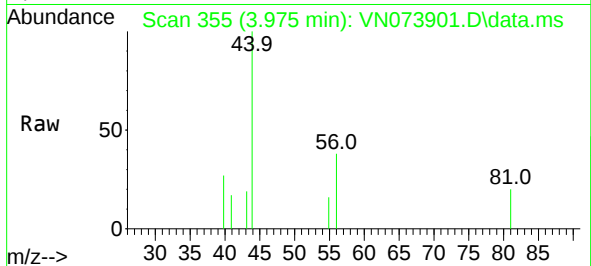




#13
Acrolein
Concen: 0.551 ug/l
RT: 3.975 min Scan# 311
Delta R.T. -0.006 min
Lab File: VN073901.D
Acq: 15 Aug 2022 17:31

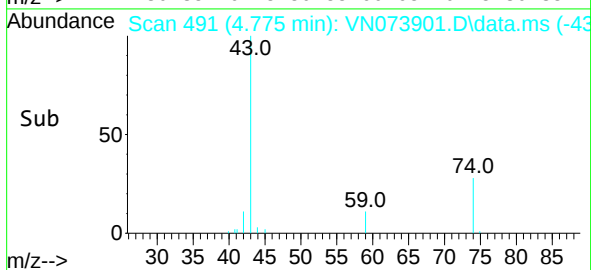
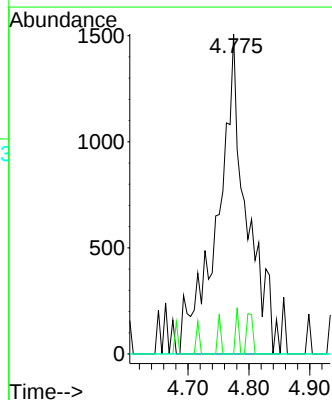
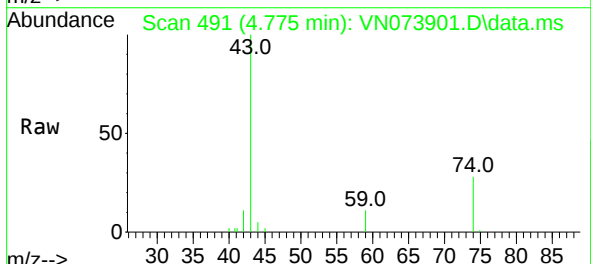
Instrument :
MSVOA_N
ClientSampleId :
FILTER-DRUM-0808

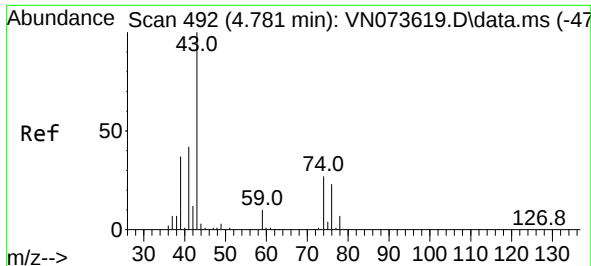
Tgt Ion: 56 Resp: 506
Ion Ratio Lower Upper
56 100
55 55.5 54.8 82.2



#14
Allyl chloride
Concen: 0.710 ug/l
RT: 4.775 min Scan# 491
Delta R.T. 0.012 min
Lab File: VN073901.D
Acq: 15 Aug 2022 17:31

Tgt Ion: 41 Resp: 4996
Ion Ratio Lower Upper
41 100
39 1.5 53.2 79.8#
76 0.0 29.9 44.9#

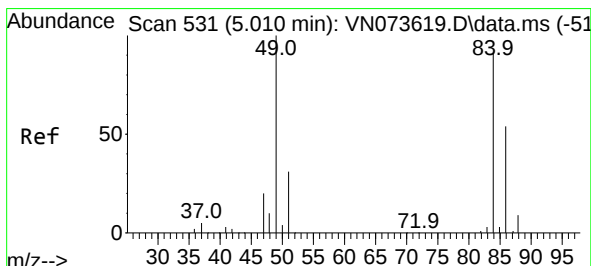
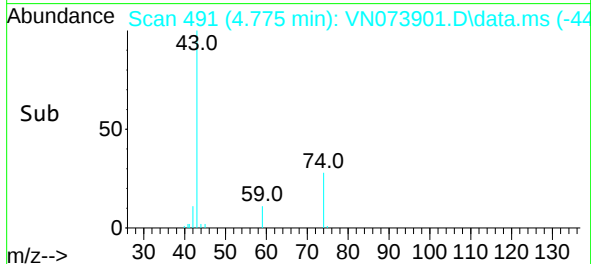
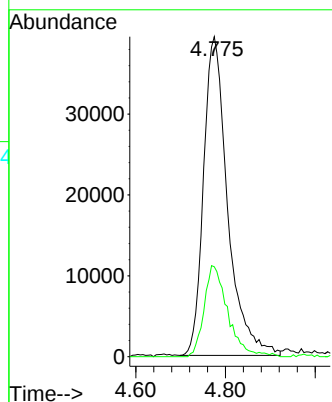
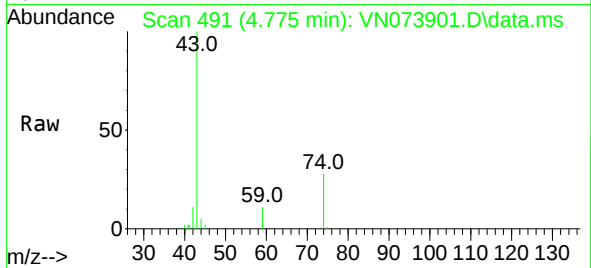




#18
Methyl Acetate
Concen: 19.751 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073901.D
Acq: 15 Aug 2022 17:31

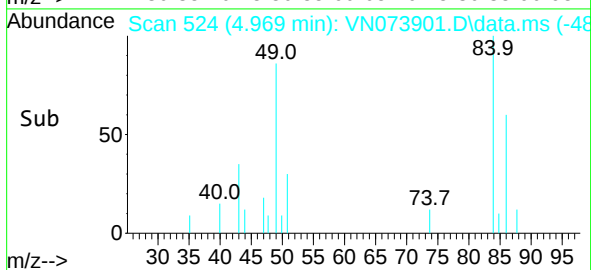
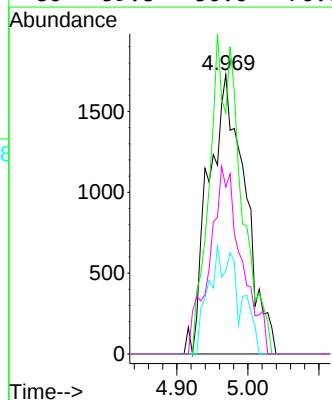
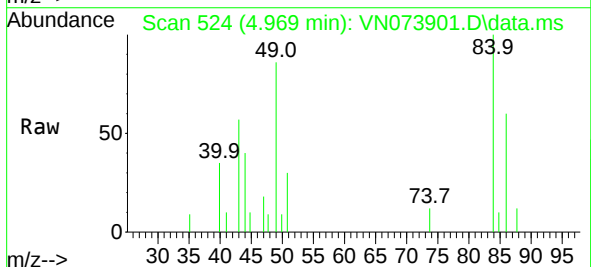
Instrument :
MSVOA_N
ClientSampleId :
FILTER-DRUM-0808

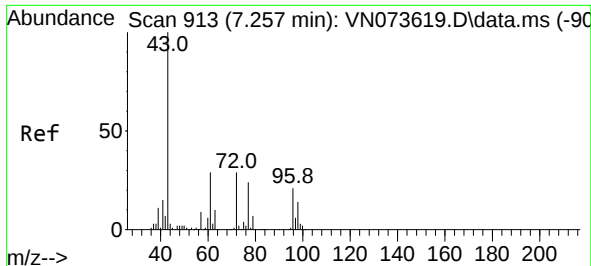
Tgt Ion: 43 Resp: 147165
Ion Ratio Lower Upper
43 100
74 27.9 21.6 32.4



#20
Methylene Chloride
Concen: 1.054 ug/l
RT: 4.969 min Scan# 524
Delta R.T. -0.041 min
Lab File: VN073901.D
Acq: 15 Aug 2022 17:31

Tgt Ion: 84 Resp: 6152
Ion Ratio Lower Upper
84 100
49 86.3 88.3 132.5#
51 29.9 28.2 42.2
86 59.8 50.6 76.0

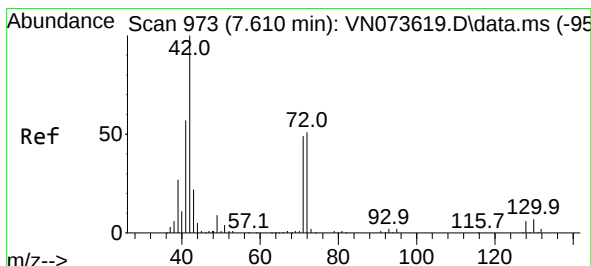
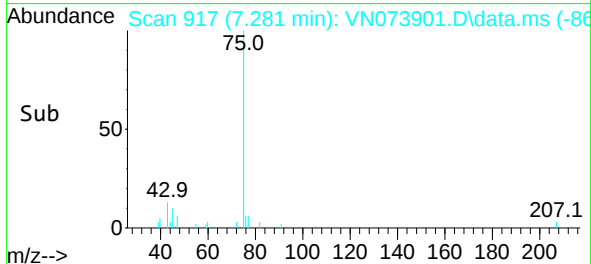
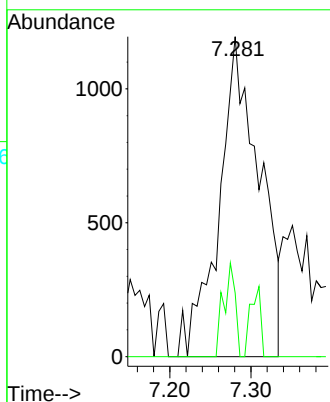
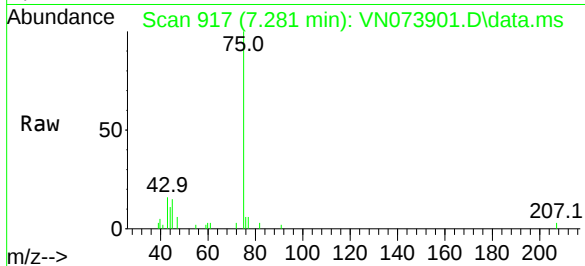




#25
2-Butanone
Concen: 0.944 ug/l
RT: 7.281 min Scan# 913
Delta R.T. 0.024 min
Lab File: VN073901.D
Acq: 15 Aug 2022 17:31

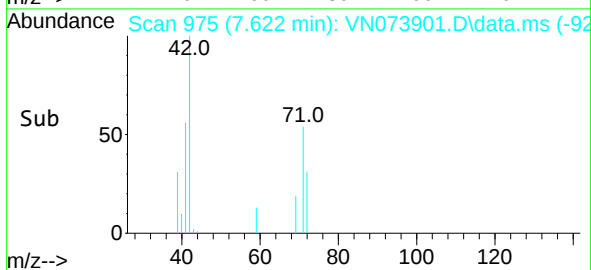
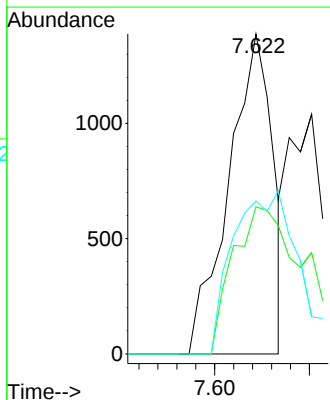
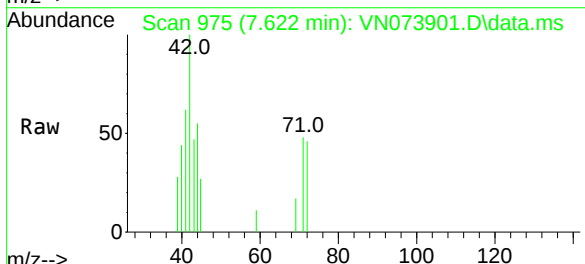
Instrument :
MSVOA_N
ClientSampleId :
FILTER-DRUM-0808

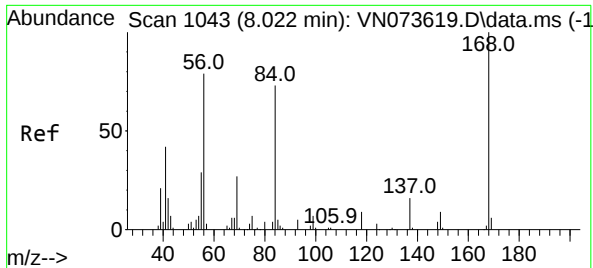
Tgt Ion: 43 Resp: 4139
Ion Ratio Lower Upper
43 100
72 19.9 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.796 ug/l
RT: 7.622 min Scan# 975
Delta R.T. 0.012 min
Lab File: VN073901.D
Acq: 15 Aug 2022 17:31

Tgt Ion: 42 Resp: 2240
Ion Ratio Lower Upper
42 100
72 70.9 39.7 59.5#
71 76.7 36.6 55.0#

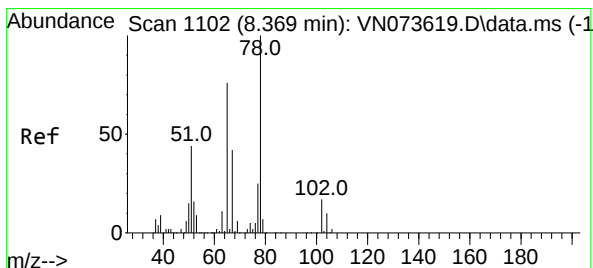
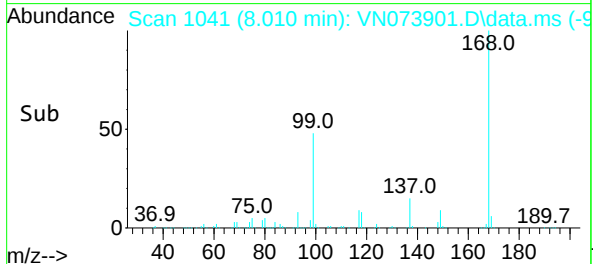
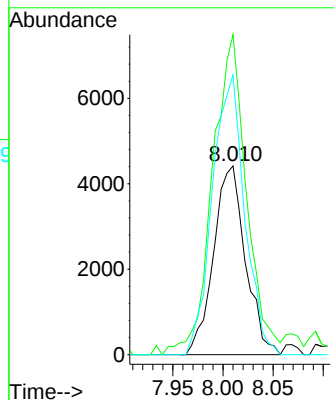
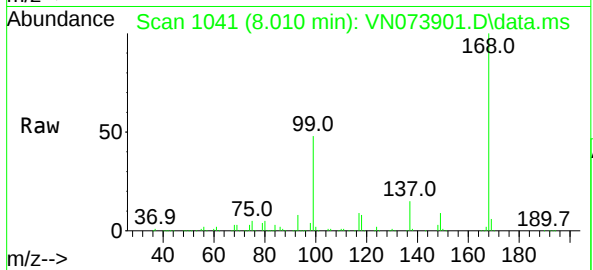




#31
Cyclohexane
Concen: 1.197 ug/l
RT: 8.010 min Scan# 1101
Delta R.T. -0.012 min
Lab File: VN073901.D
Acq: 15 Aug 2022 17:31

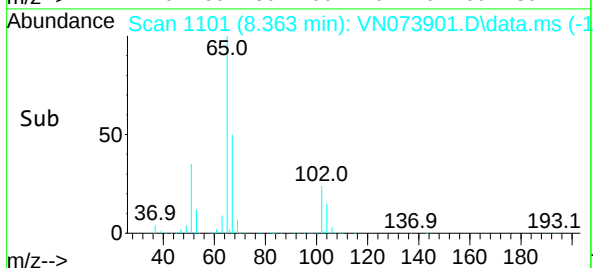
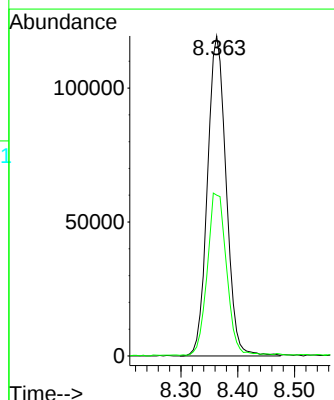
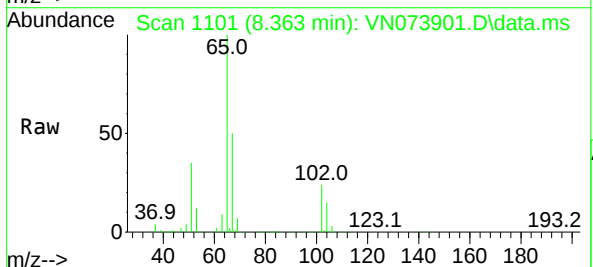
Instrument :
MSVOA_N
ClientSampleId :
FILTER-DRUM-0808

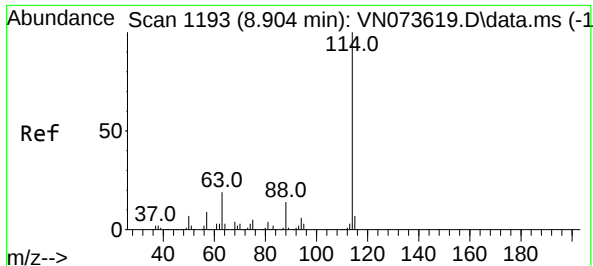
Tgt Ion: 56 Resp: 9785
Ion Ratio Lower Upper
56 100
69 163.2 27.8 41.8#
84 148.3 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 46.462 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073901.D
Acq: 15 Aug 2022 17:31

Tgt Ion: 65 Resp: 272373
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN073901.D

Acq: 15 Aug 2022 17:31

Instrument :

MSVOA_N

ClientSampleId :

FILTER-DRUM-0808

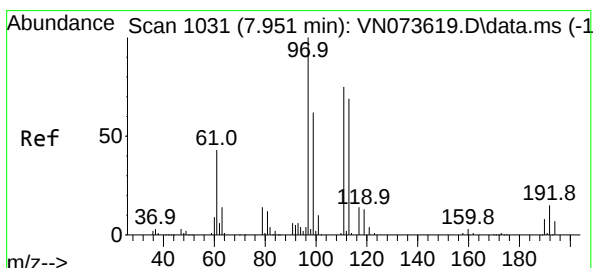
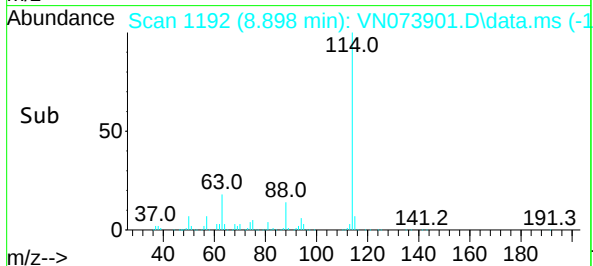
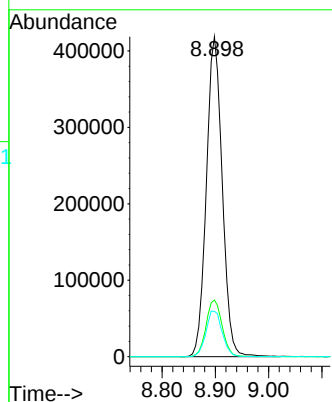
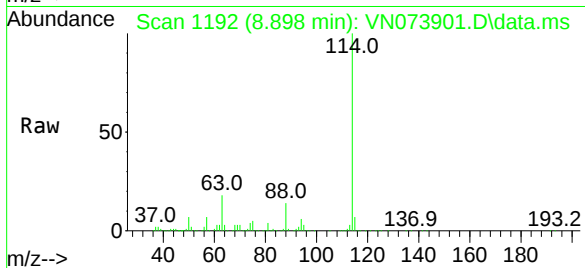
Tgt Ion:114 Resp: 865068

Ion Ratio Lower Upper

114 100

63 17.7 0.0 40.0

88 14.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.163 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN073901.D

Acq: 15 Aug 2022 17:31

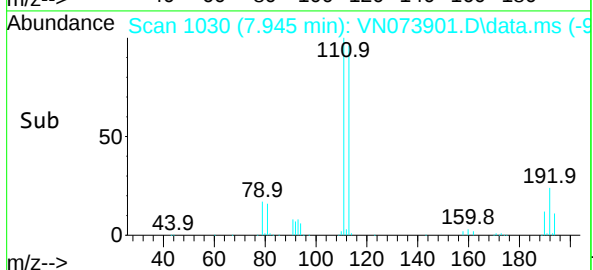
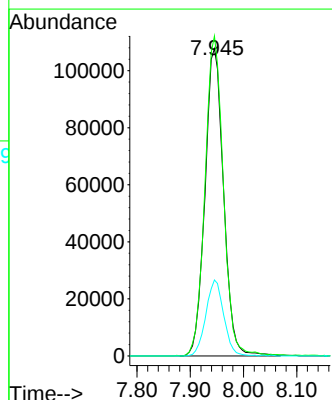
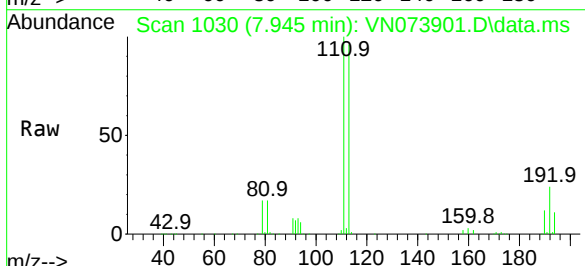
Tgt Ion:113 Resp: 261748

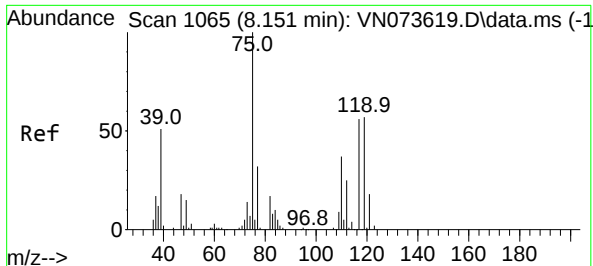
Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 23.8 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.173 ug/l

RT: 8.004 min Scan# 1

Delta R.T. -0.147 min

Lab File: VN073901.D

Acq: 15 Aug 2022 17:31

Instrument :

MSVOA_N

ClientSampleId :

FILTER-DRUM-0808

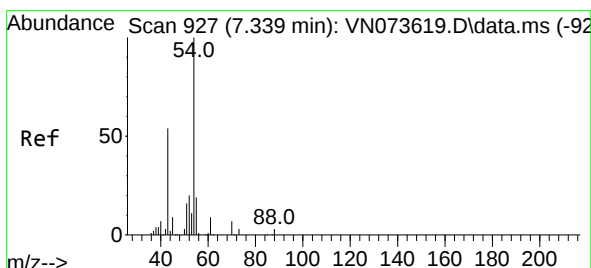
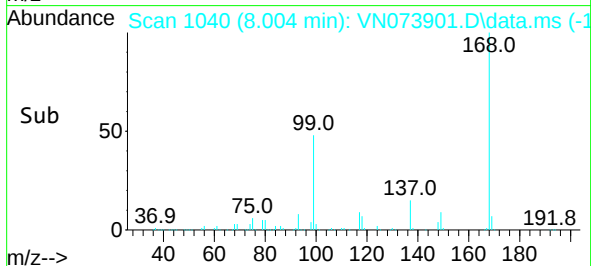
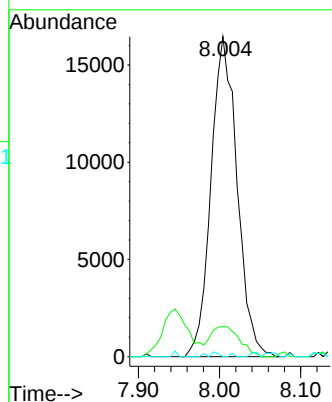
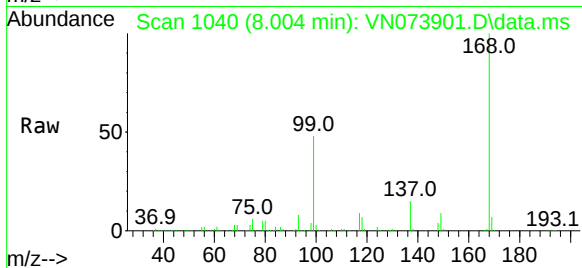
Tgt Ion: 75 Resp: 36761

Ion Ratio Lower Upper

75 100

110 10.4 18.3 54.8#

77 0.2 25.1 37.7#



#37

Ethyl Acetate

Concen: 0.481 ug/l

RT: 7.281 min Scan# 917

Delta R.T. -0.059 min

Lab File: VN073901.D

Acq: 15 Aug 2022 17:31

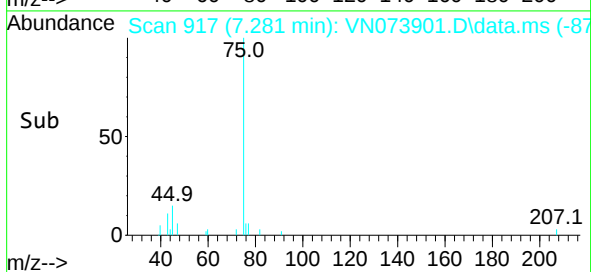
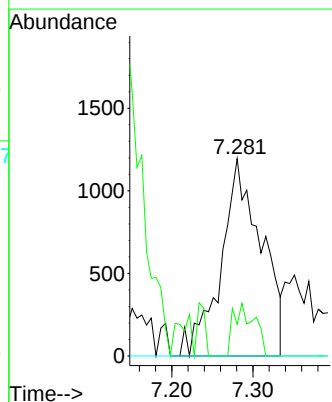
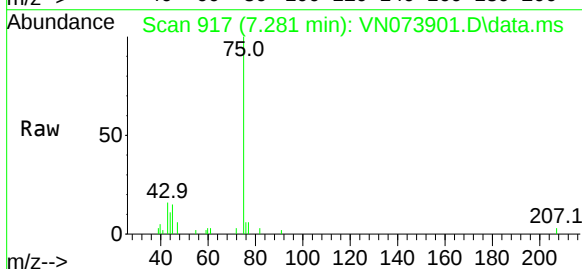
Tgt Ion: 43 Resp: 4139

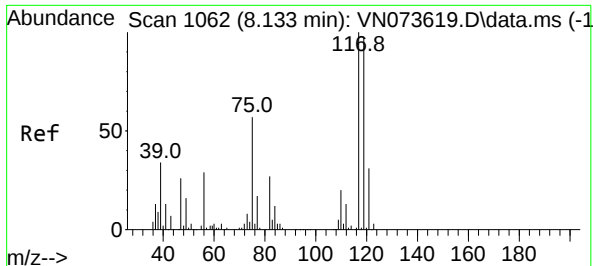
Ion Ratio Lower Upper

43 100

61 13.7 11.8 17.6

70 0.0 9.3 13.9#





#38

Carbon Tetrachloride

Concen: 6.358 ug/l

RT: 8.010 min Scan# 110

Delta R.T. -0.124 min

Lab File: VN073901.D

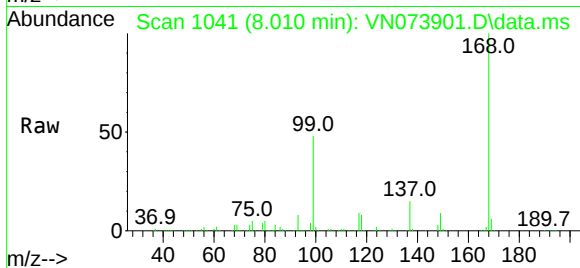
Acq: 15 Aug 2022 17:31

Instrument :

MSVOA_N

ClientSampleId :

FILTER-DRUM-0808



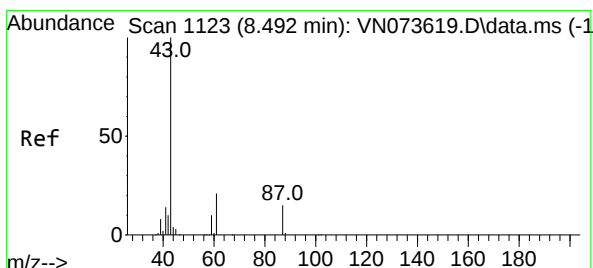
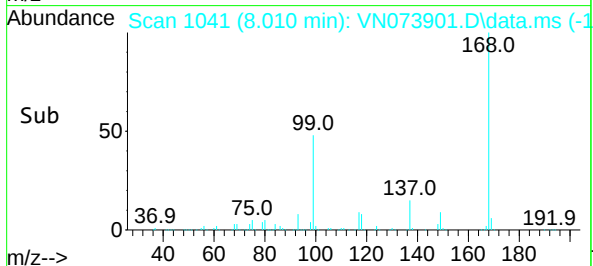
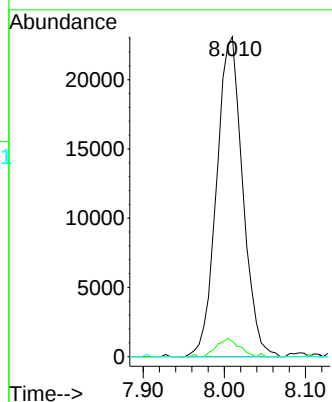
Tgt Ion:117 Resp: 51641

Ion Ratio Lower Upper

117 100

119 4.8 75.8 113.8#

121 0.0 24.6 37.0#



#43

Isopropyl Acetate

Concen: 8.168 ug/l

RT: 8.545 min Scan# 1132

Delta R.T. 0.053 min

Lab File: VN073901.D

Acq: 15 Aug 2022 17:31

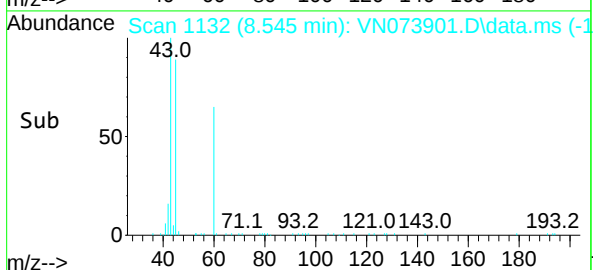
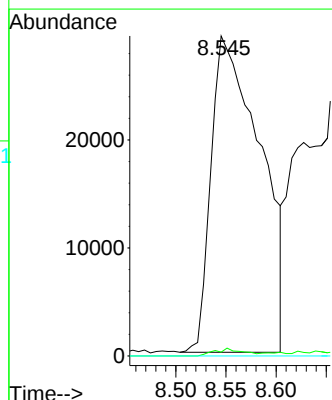
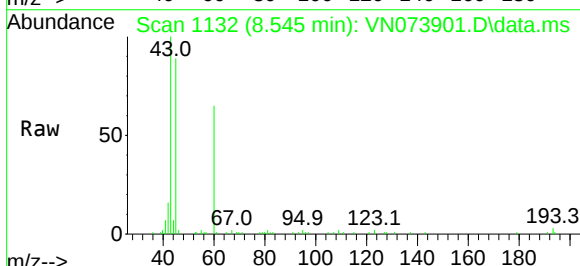
Tgt Ion: 43 Resp: 100166

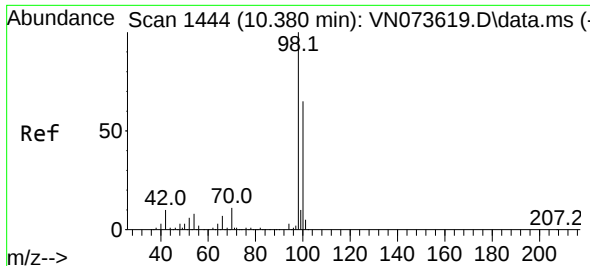
Ion Ratio Lower Upper

43 100

61 1.4 21.9 32.9#

87 0.0 12.0 18.0#

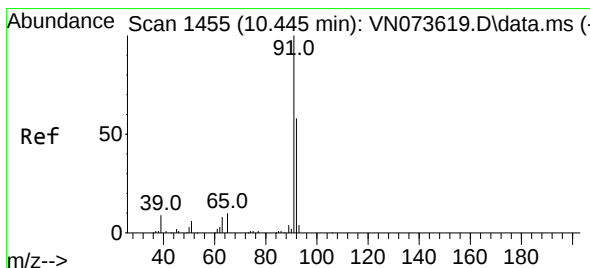
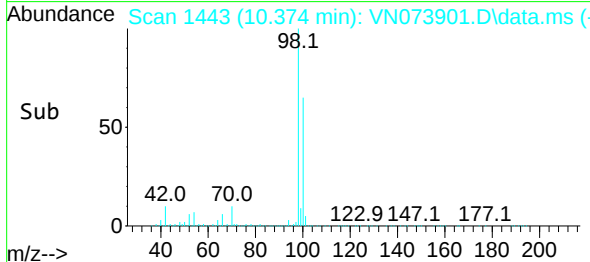
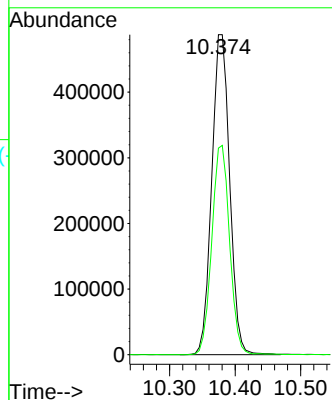
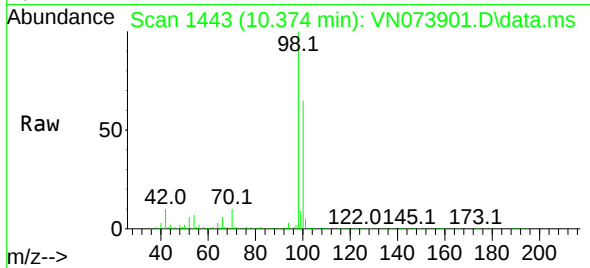




#50
Toluene-d8
Concen: 46.668 ug/l
RT: 10.374 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN073901.D
Acq: 15 Aug 2022 17:31

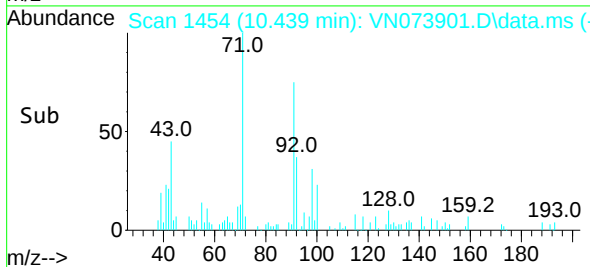
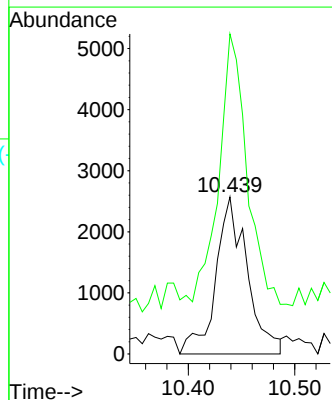
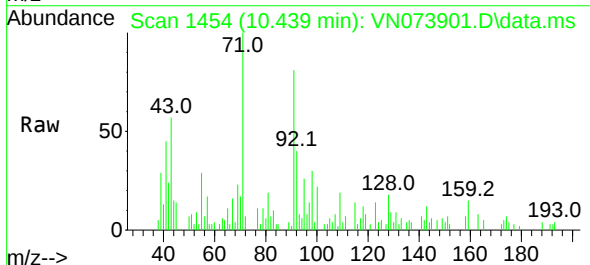
Instrument :
MSVOA_N
ClientSampleId :
FILTER-DRUM-0808

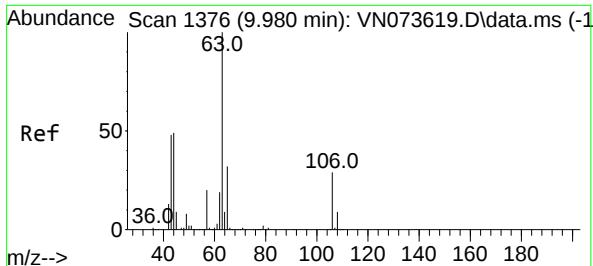
Tgt Ion: 98 Resp: 924668
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#52
Toluene
Concen: 0.343 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. -0.006 min
Lab File: VN073901.D
Acq: 15 Aug 2022 17:31

Tgt Ion: 92 Resp: 5278
Ion Ratio Lower Upper
92 100
91 157.4 138.6 207.8





#58

2-Chloroethyl Vinyl ether

Concen: Below Cal

RT: 9.975 min Scan# 11

Delta R.T. -0.005 min

Lab File: VN073901.D

Acq: 15 Aug 2022 17:31

Instrument :

MSVOA_N

ClientSampleId :

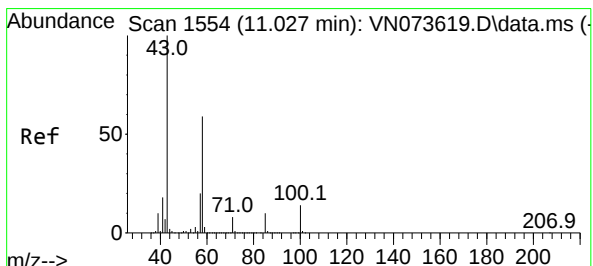
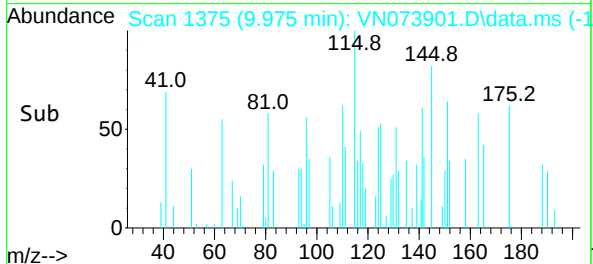
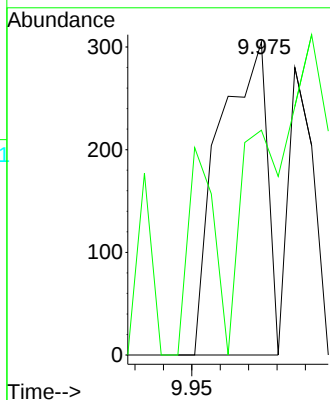
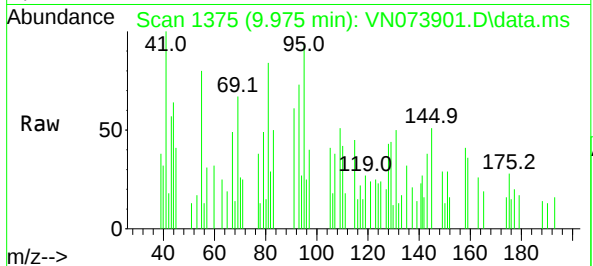
FILTER-DRUM-0808

Tgt Ion: 63 Resp: 357

Ion Ratio Lower Upper

63 100

106 0.0 24.6 36.8#



#59

2-Hexanone

Concen: 0.451 ug/l

RT: 11.033 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VN073901.D

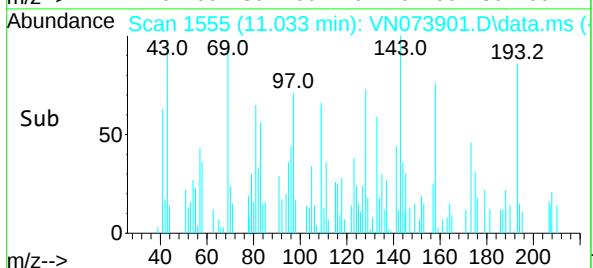
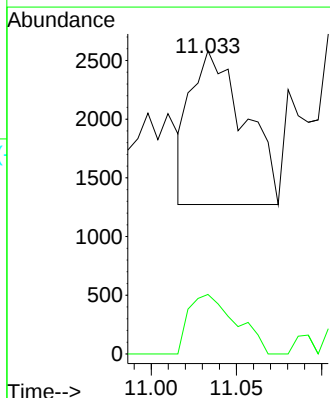
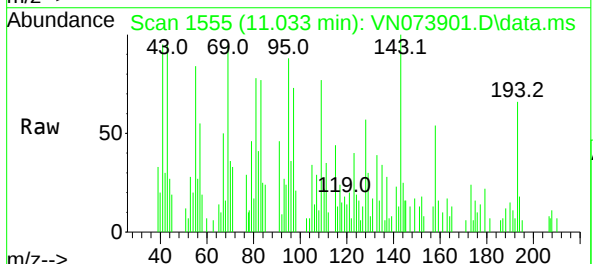
Acq: 15 Aug 2022 17:31

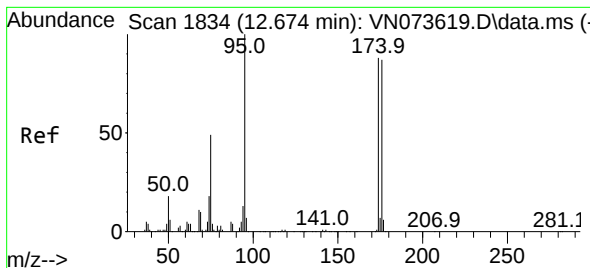
Tgt Ion: 43 Resp: 2878

Ion Ratio Lower Upper

43 100

58 34.0 29.7 89.1

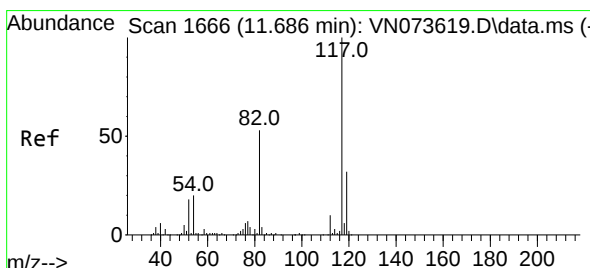
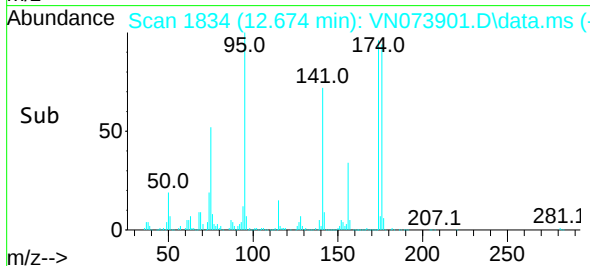
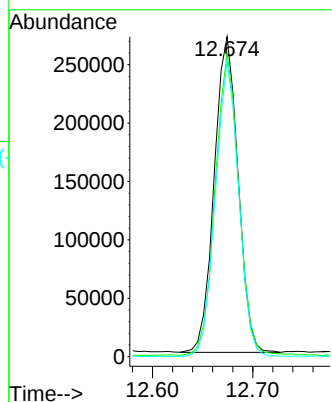
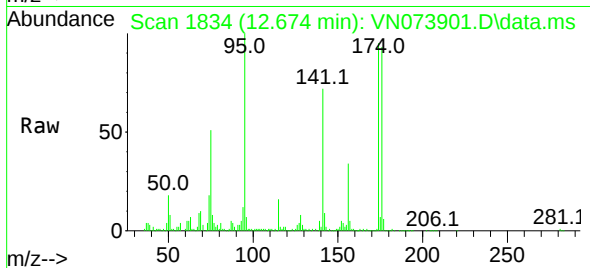




#62
4-Bromofluorobenzene
Concen: 67.796 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073901.D
Acq: 15 Aug 2022 17:31

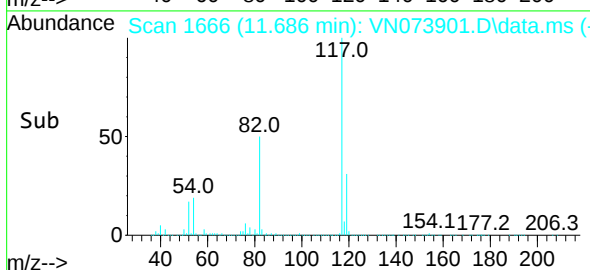
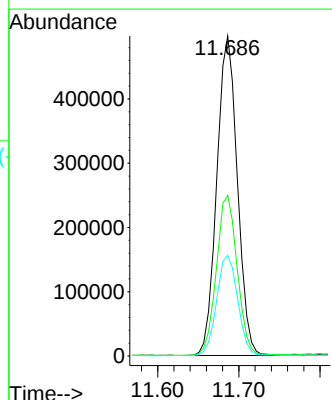
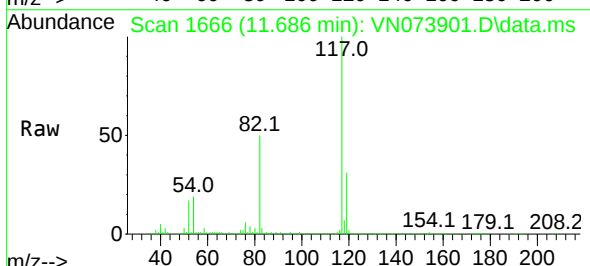
Instrument :
MSVOA_N
ClientSampleId :
FILTER-DRUM-0808

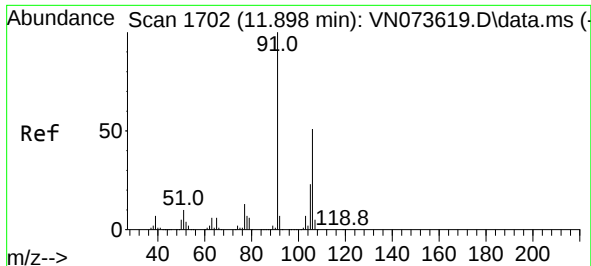
Tgt Ion: 95 Resp: 445810
Ion Ratio Lower Upper
95 100
174 96.5 0.0 167.6
176 91.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN073901.D
Acq: 15 Aug 2022 17:31

Tgt Ion: 117 Resp: 875805
Ion Ratio Lower Upper
117 100
82 50.0 44.2 66.2
119 31.3 25.4 38.0

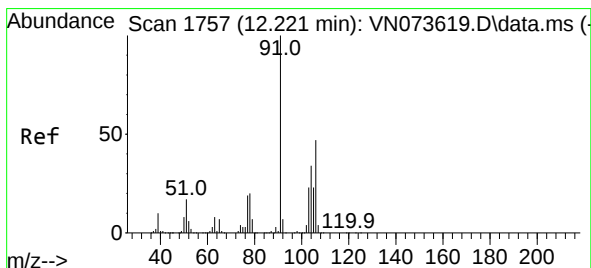
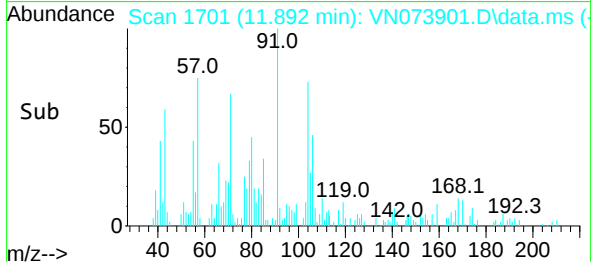
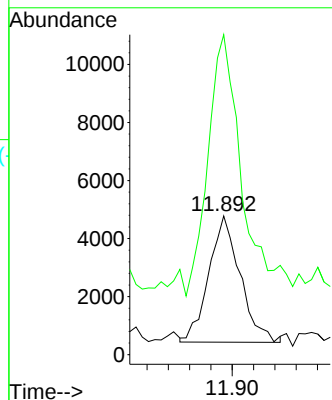
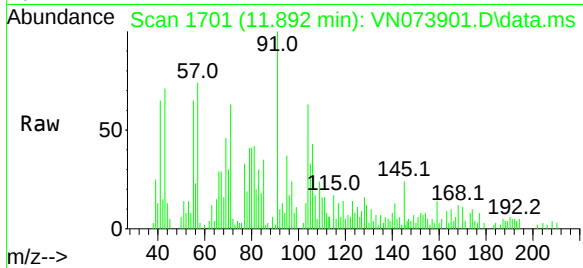




#68
m/p-Xylenes
Concen: 0.708 ug/l
RT: 11.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073901.D
Acq: 15 Aug 2022 17:31

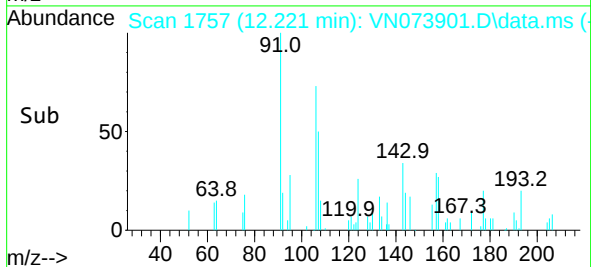
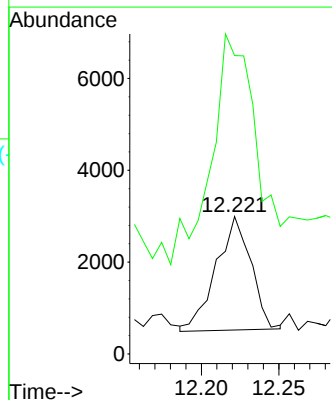
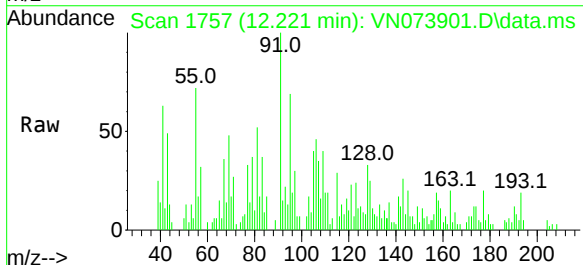
Instrument :
MSVOA_N
ClientSampleId :
FILTER-DRUM-0808

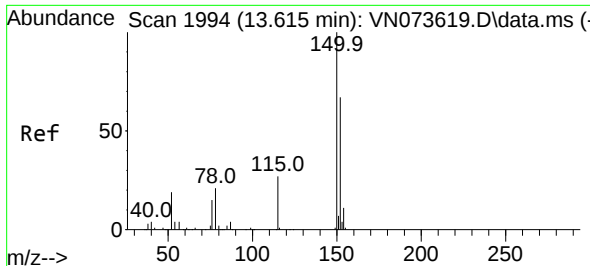
Tgt Ion:106 Resp: 8901
Ion Ratio Lower Upper
106 100
91 223.2 158.9 238.3



#69
o-Xylene
Concen: 0.306 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN073901.D
Acq: 15 Aug 2022 17:31

Tgt Ion:106 Resp: 3860
Ion Ratio Lower Upper
106 100
91 263.3 106.0 318.0

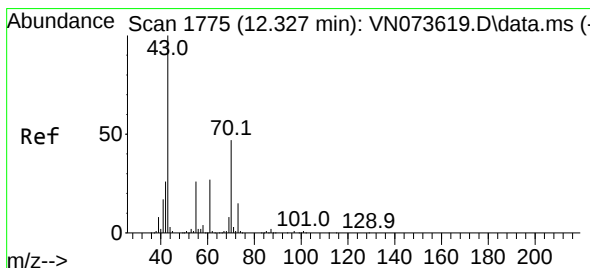
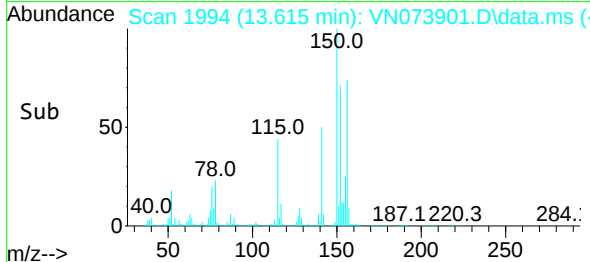
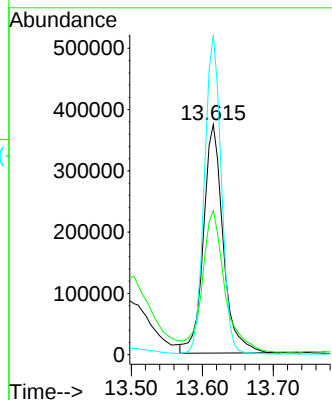
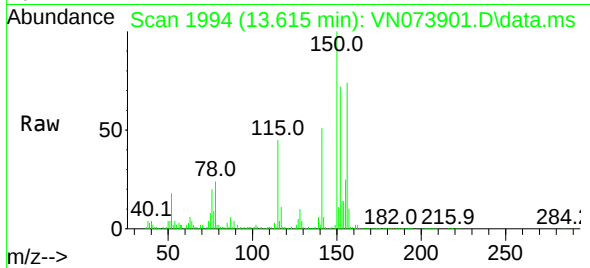




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073901.D
Acq: 15 Aug 2022 17:31

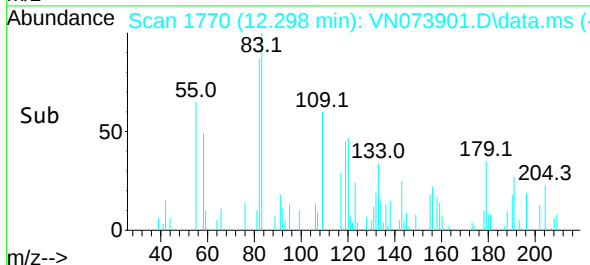
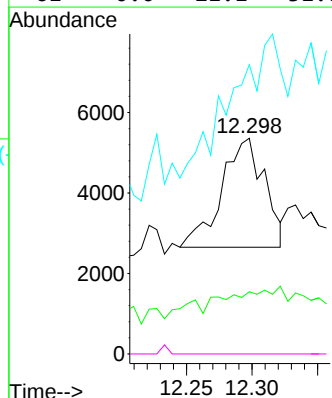
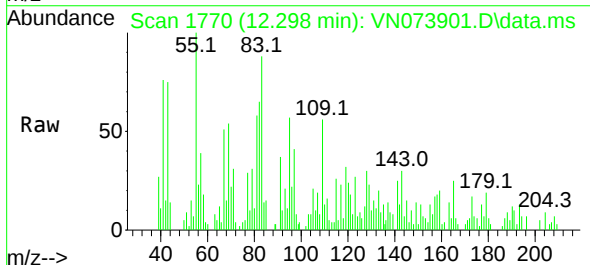
Instrument :
MSVOA_N
ClientSampleId :
FILTER-DRUM-0808

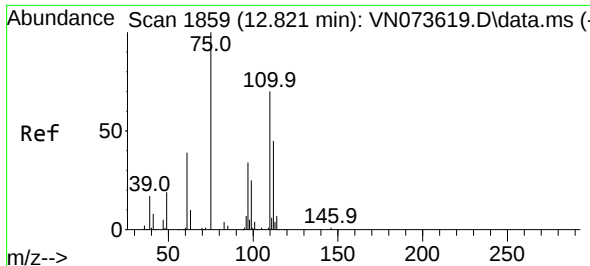
Tgt Ion:152 Resp: 720234
Ion Ratio Lower Upper
152 100
115 70.1 28.9 86.7
150 120.3 0.0 356.2



#74
N-ethyl acetate
Concen: 0.312 ug/l
RT: 12.298 min Scan# 1770
Delta R.T. -0.029 min
Lab File: VN073901.D
Acq: 15 Aug 2022 17:31

Tgt Ion: 43 Resp: 6180
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.4#
55 185.6 21.1 31.7#
61 0.0 21.1 31.7#

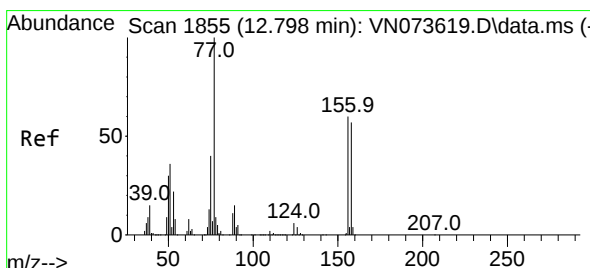
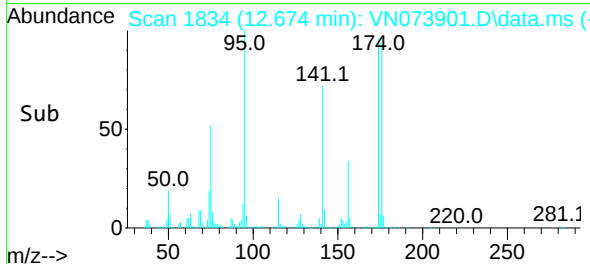
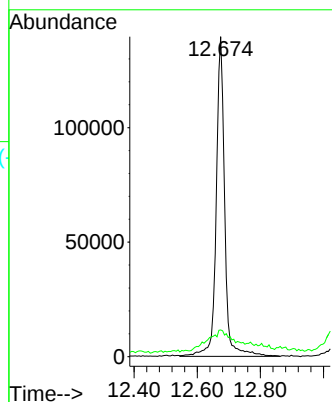
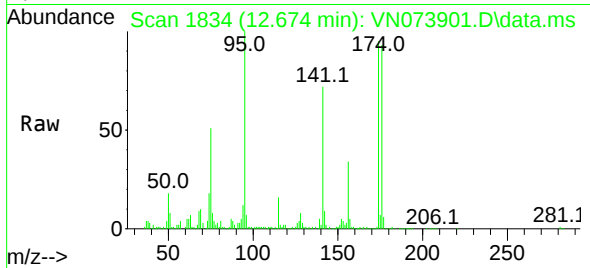




#76
1,2,3-Trichloropropane
Concen: 16.961 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN073901.D
Acq: 15 Aug 2022 17:31

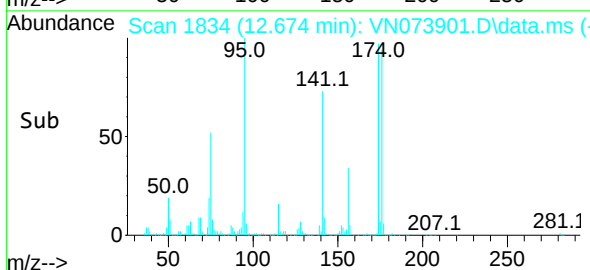
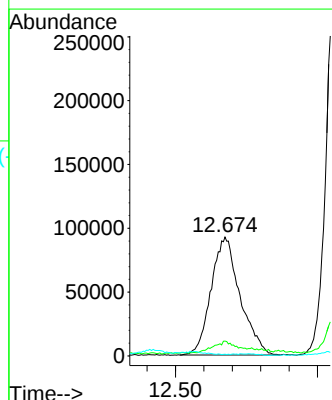
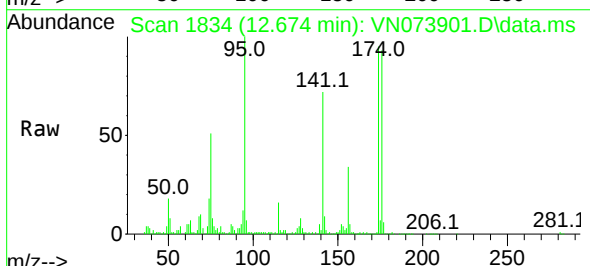
Instrument :
MSVOA_N
ClientSampleId :
FILTER-DRUM-0808

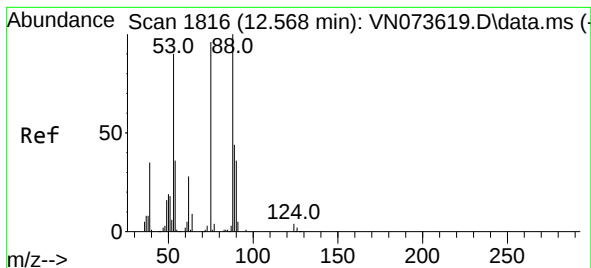
Tgt Ion: 75 Resp: 260082
Ion Ratio Lower Upper
75 100
77 19.3 98.5 295.5#



#77
Bromobenzene
Concen: 46.064 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.124 min
Lab File: VN073901.D
Acq: 15 Aug 2022 17:31

Tgt Ion:156 Resp: 653915
Ion Ratio Lower Upper
156 100
77 7.7 100.5 301.5#
158 0.0 48.9 146.6#

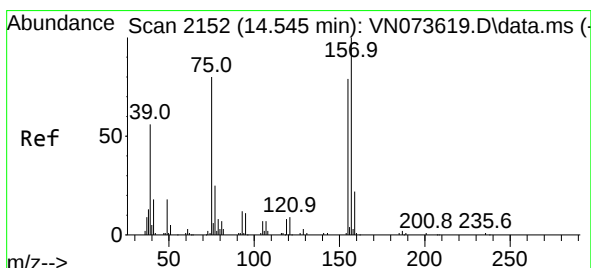
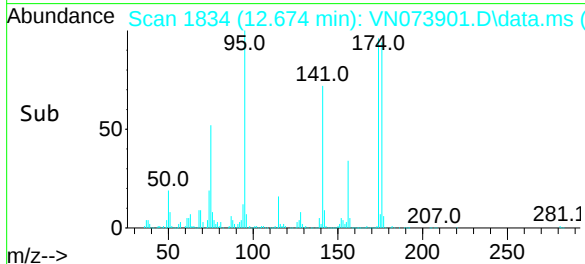
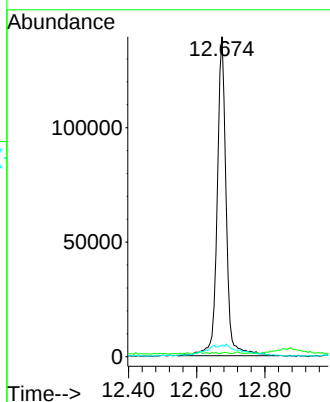
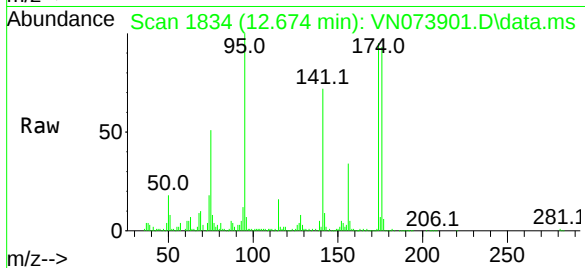




#81
trans-1,4-Dichloro-2-butene
Concen: 48.484 ug/l
RT: 12.674 min Scan# 1816
Delta R.T. 0.106 min
Lab File: VN073901.D
Acq: 15 Aug 2022 17:31

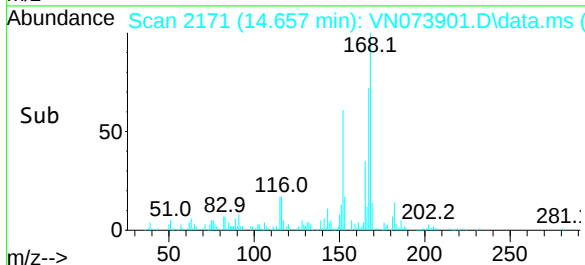
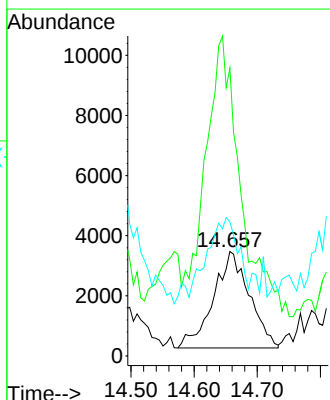
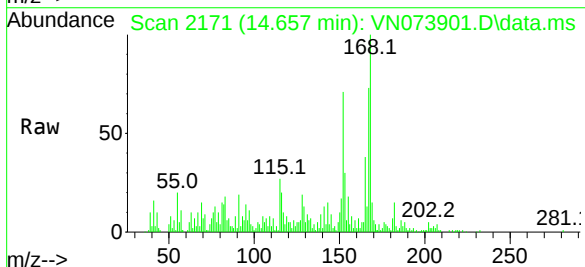
Instrument :
MSVOA_N
ClientSampleId :
FILTER-DRUM-0808

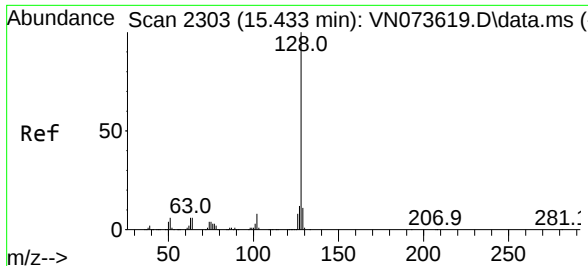
Tgt Ion: 75 Resp: 255189
Ion Ratio Lower Upper
75 100
53 0.2 78.0 117.0#
89 0.0 37.2 55.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.074 ug/l
RT: 14.657 min Scan# 2171
Delta R.T. 0.112 min
Lab File: VN073901.D
Acq: 15 Aug 2022 17:31

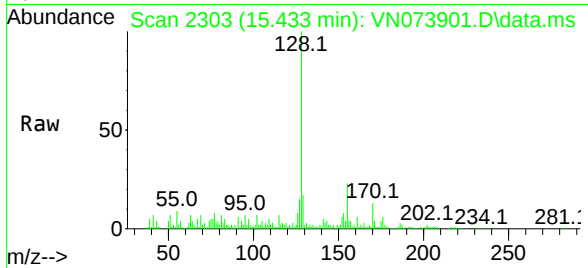
Tgt Ion: 75 Resp: 12774
Ion Ratio Lower Upper
75 100
155 276.7 44.9 134.5#
157 69.0 59.0 176.8





#95
Naphthalene
Concen: 4.114 ug/l
RT: 15.433 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN073901.D
Acq: 15 Aug 2022 17:31

Instrument :
MSVOA_N
ClientSampleId :
FILTER-DRUM-0808



Tgt Ion:128 Resp: 207533
Ion Ratio Lower Upper
128 100
127 18.5 10.3 15.5#
129 18.2 8.6 13.0#

