

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
 Data File : VX030070.D
 Acq On : 14 Jul 2022 18:54
 Operator : JC/MD
 Sample : N3718-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 220713004-03-TRIP-BLANK

Quant Time: Jul 15 04:19:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

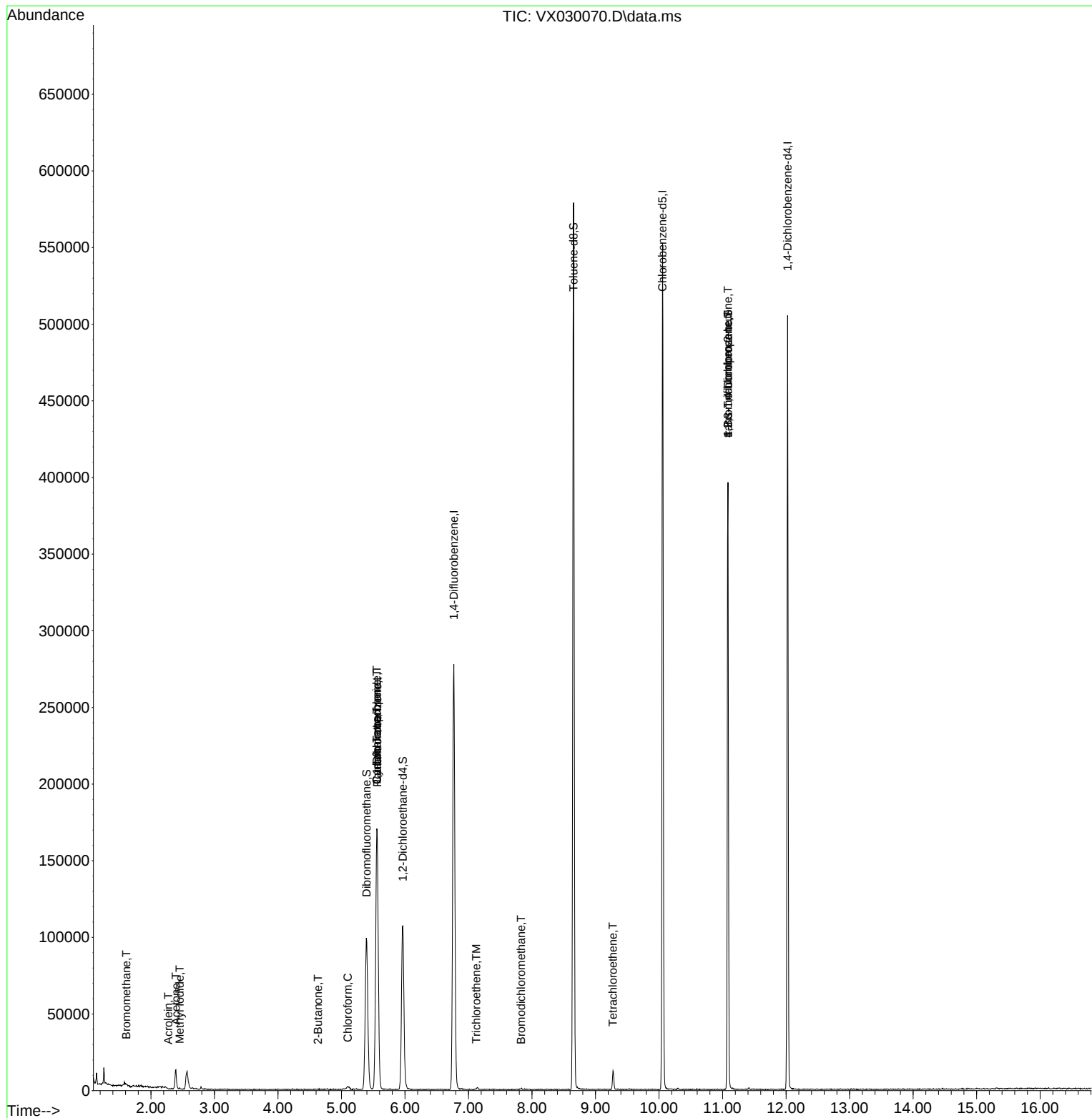
Internal Standards						
1) Pentafluorobenzene	5.562	168	167826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	296693	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	96159	47.073	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.140%		
35) Dibromofluoromethane	5.397	113	87460	46.144	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.280%		
50) Toluene-d8	8.653	98	342489	48.045	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.100%		
62) 4-Bromofluorobenzene	11.085	95	107857	43.600	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.318	85	20	Below Cal	#	42
5) Bromomethane	1.611	94	221	0.268	ug/l #	69
10) Methyl Iodide	2.452	142	279	2.566	ug/l #	93
13) Acrolein	2.270	56	53	0.505	ug/l #	58
16) Acetone	2.391	43	13893	14.433	ug/l	93
17) Carbon Disulfide	2.513	76	303	Below Cal	#	74
20) Methylene Chloride	2.788	84	394	Below Cal	#	45
25) 2-Butanone	4.629	43	362	0.221	ug/l #	48
30) Chloroform	5.098	83	2470	0.765	ug/l #	71
31) Cyclohexane	5.556	56	3784	1.278	ug/l #	10
36) 1,1-Dichloropropene	5.556	75	12866	5.255	ug/l #	46
38) Carbon Tetrachloride	5.556	117	16678	7.305	ug/l #	18
44) Trichloroethene	7.122	130	593	0.263	ug/l	21
47) Bromodichloromethane	7.829	83	552	0.221	ug/l #	80
64) Tetrachloroethene	9.274	164	2659	1.294	ug/l #	90
76) 1,2,3-Trichloropropane	11.085	75	50922	21.259	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	50922	61.354	ug/l #	13

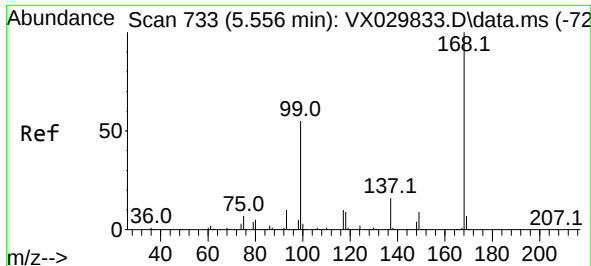
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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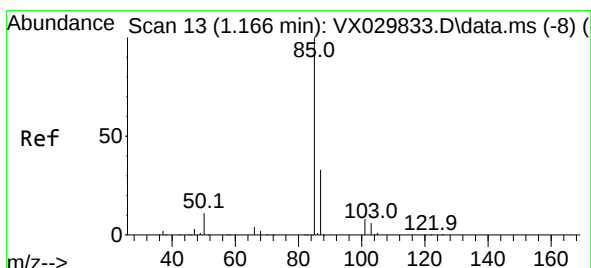
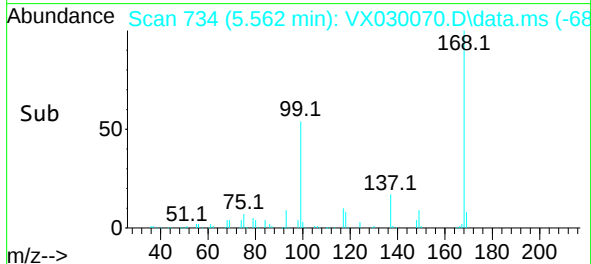
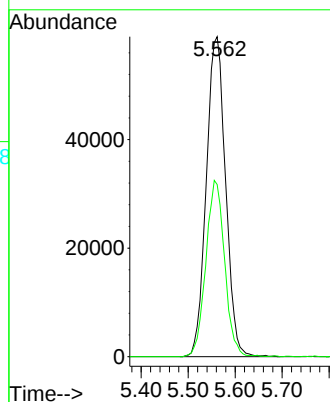
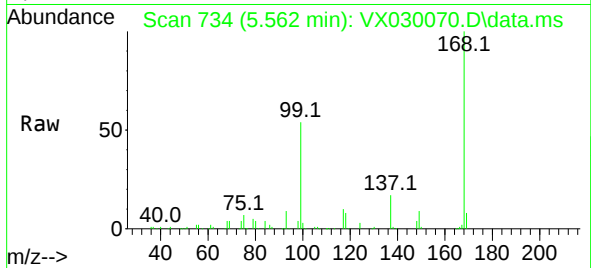




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030070.D
Acq: 14 Jul 2022 18:54

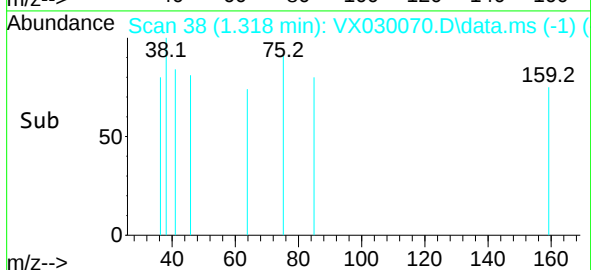
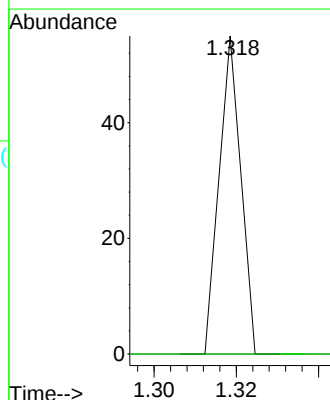
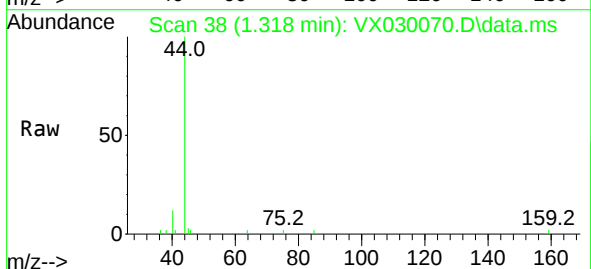
Instrument :
MSVOA_X
ClientSampleId :
220713004-03-TRIP-BLANK

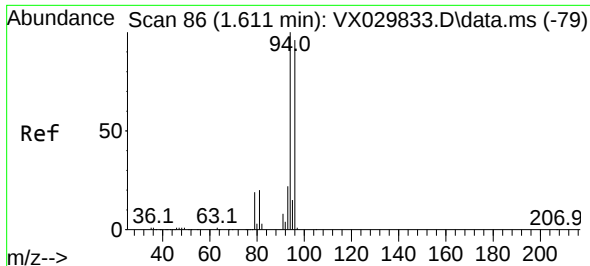
Tgt Ion:168 Resp: 167826
Ion Ratio Lower Upper
168 100
99 53.8 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.318 min Scan# 38
Delta R.T. 0.152 min
Lab File: VX030070.D
Acq: 14 Jul 2022 18:54

Tgt Ion: 85 Resp: 20
Ion Ratio Lower Upper
85 100
87 0.0 16.5 49.5#

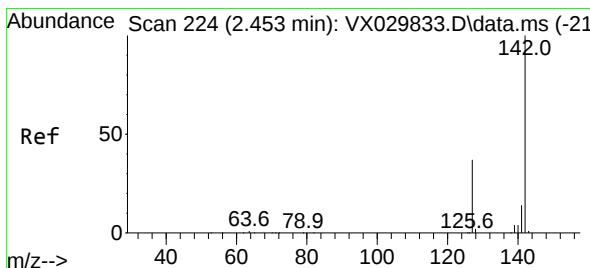
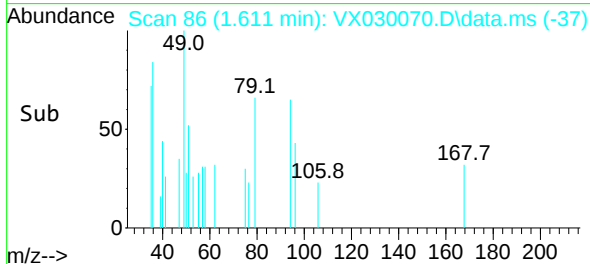
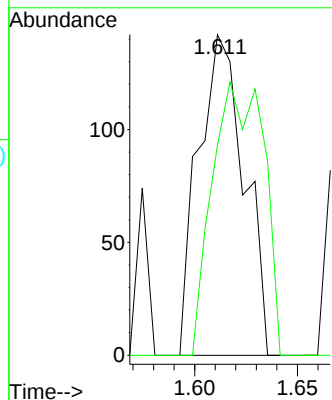
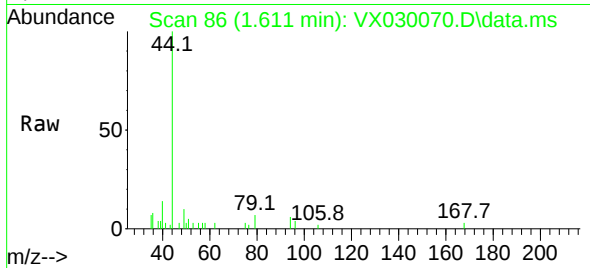




#5
Bromomethane
Concen: 0.268 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX030070.D
Acq: 14 Jul 2022 18:54

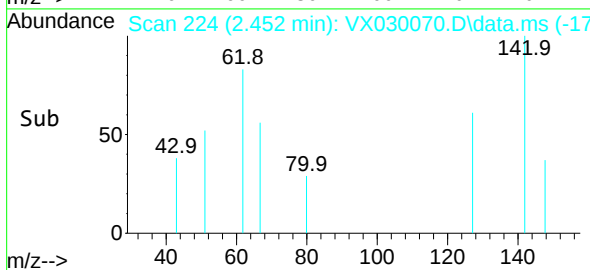
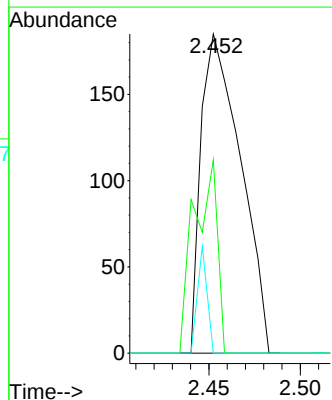
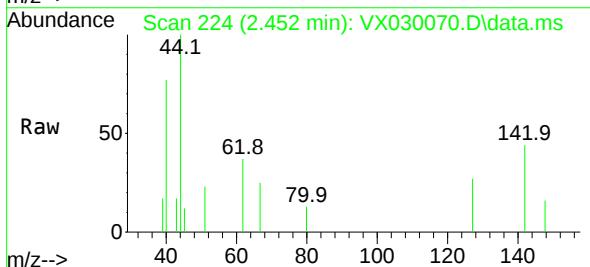
Instrument :
MSVOA_X
ClientSampleId :
220713004-03-TRIP-BLANK

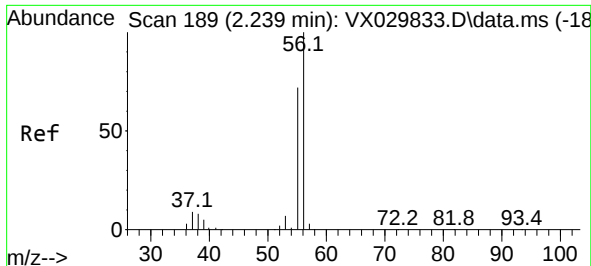
Tgt Ion: 94 Resp: 221
Ion Ratio Lower Upper
94 100
96 65.5 76.9 115.3#



#10
Methyl Iodide
Concen: 2.566 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.001 min
Lab File: VX030070.D
Acq: 14 Jul 2022 18:54

Tgt Ion: 142 Resp: 279
Ion Ratio Lower Upper
142 100
127 35.5 30.2 45.2
141 8.2 11.3 16.9#

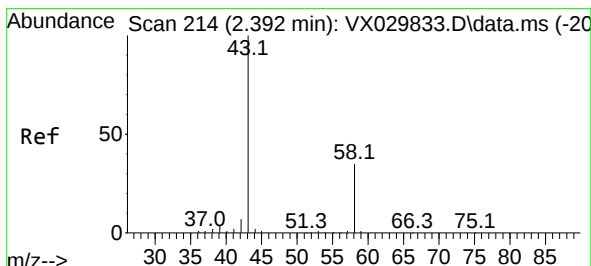
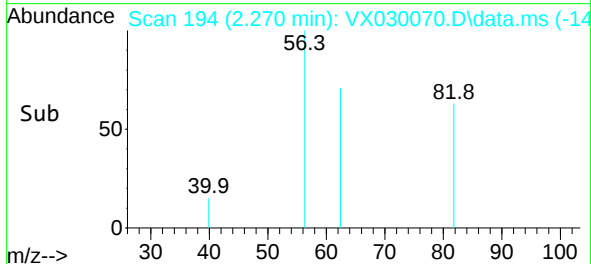
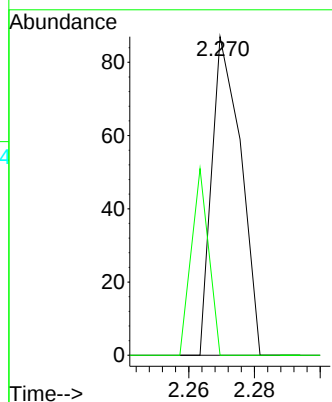
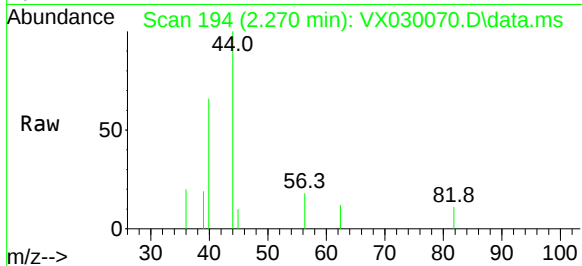




#13
Acrolein
Concen: 0.505 ug/l
RT: 2.270 min Scan# 194
Delta R.T. 0.031 min
Lab File: VX030070.D
Acq: 14 Jul 2022 18:54

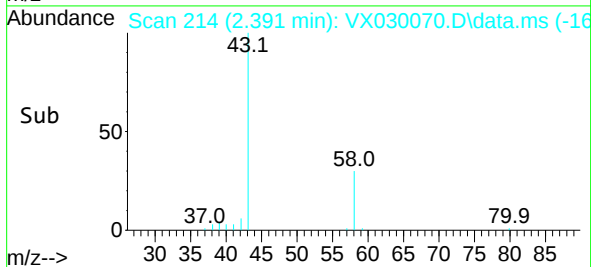
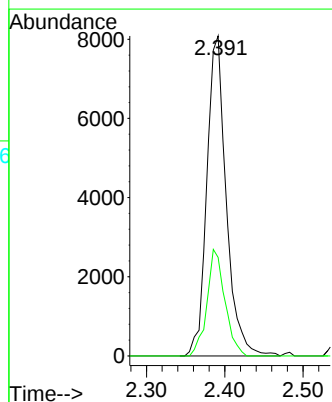
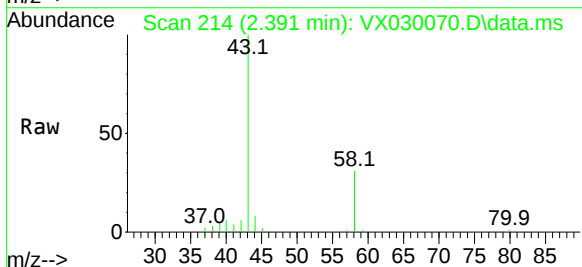
Instrument : MSVOA_X
ClientSampleId : 220713004-03-TRIP-BLANK

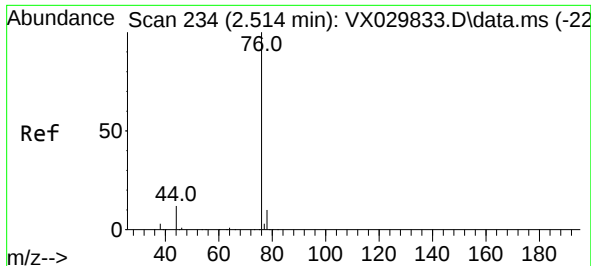
Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 35.8 56.6 84.8#



#16
Acetone
Concen: 14.433 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.001 min
Lab File: VX030070.D
Acq: 14 Jul 2022 18:54

Tgt Ion: 43 Resp: 13893
Ion Ratio Lower Upper
43 100
58 30.8 27.7 41.5





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.513 min Scan# 21

Delta R.T. -0.001 min

Lab File: VX030070.D

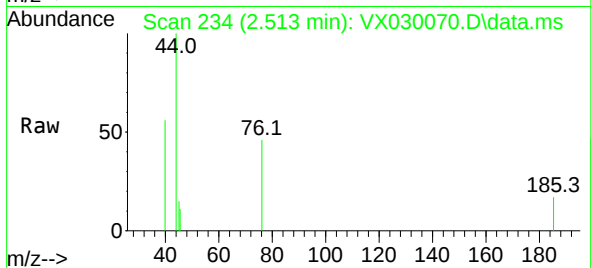
Acq: 14 Jul 2022 18:54

Instrument :

MSVOA_X

ClientSampleId :

220713004-03-TRIP-BLANK

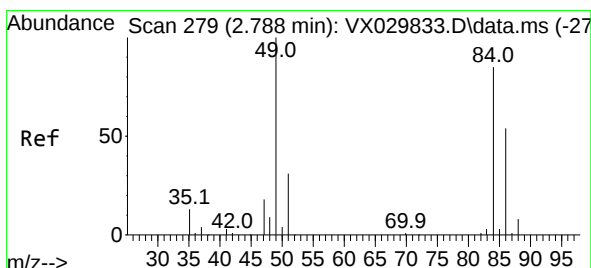
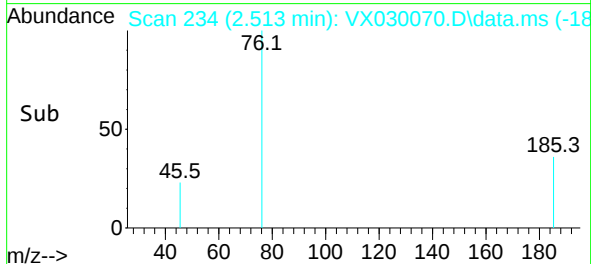
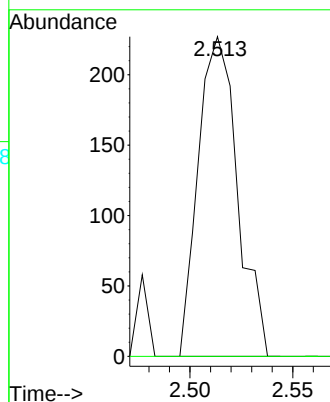


Tgt Ion: 76 Resp: 303

Ion Ratio Lower Upper

76 100

78 0.0 7.8 11.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX030070.D

Acq: 14 Jul 2022 18:54

Tgt Ion: 84 Resp: 394

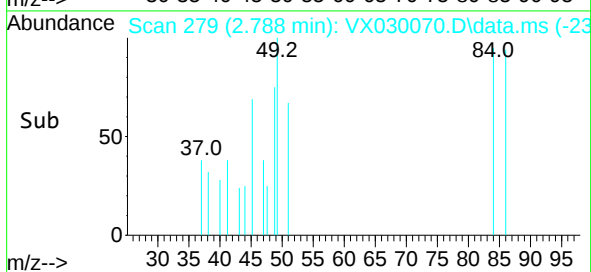
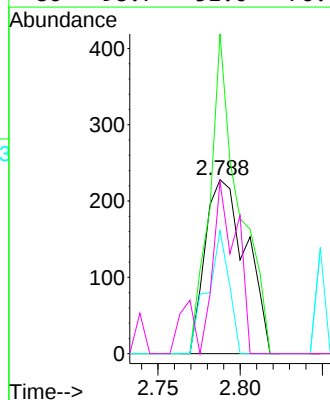
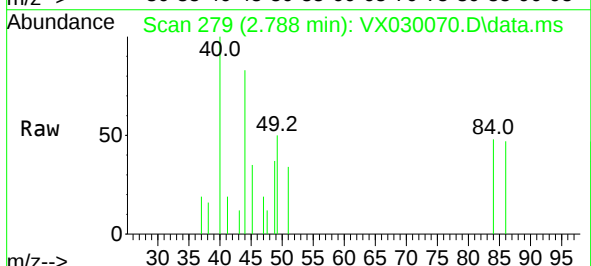
Ion Ratio Lower Upper

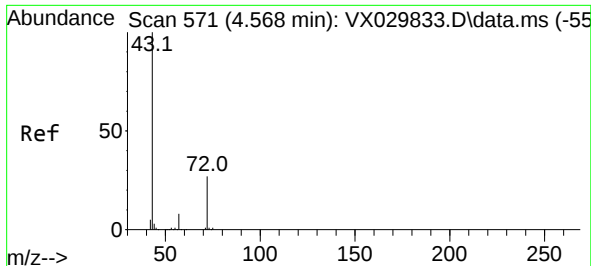
84 100

49 183.8 93.8 140.6#

51 70.6 29.4 44.0#

86 98.7 51.0 76.4#

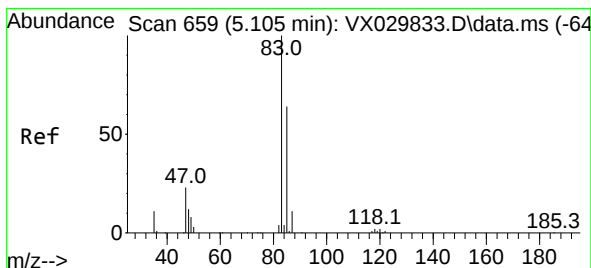
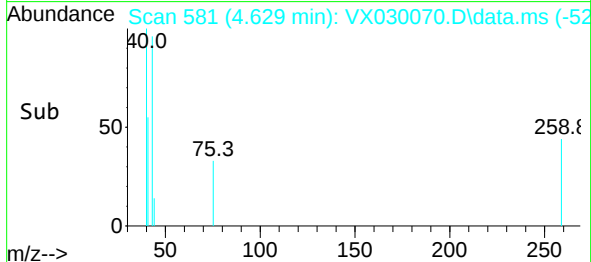
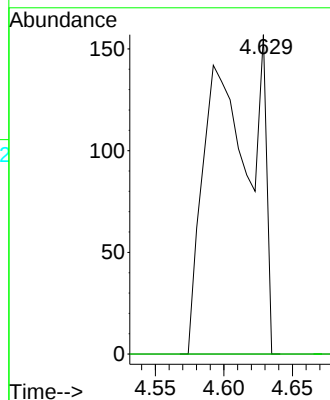
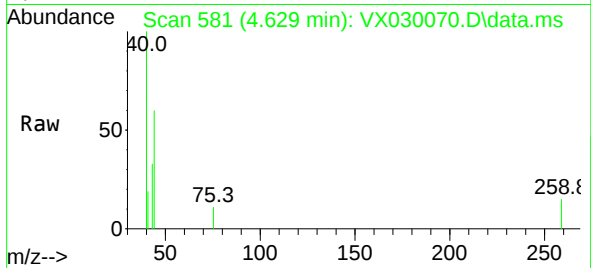




#25
2-Butanone
Concen: 0.221 ug/l
RT: 4.629 min Scan# 51
Delta R.T. 0.061 min
Lab File: VX030070.D
Acq: 14 Jul 2022 18:54

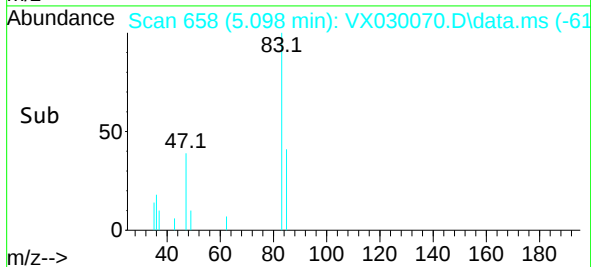
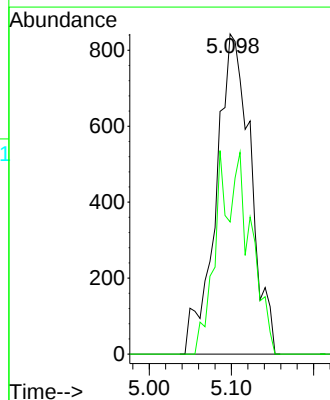
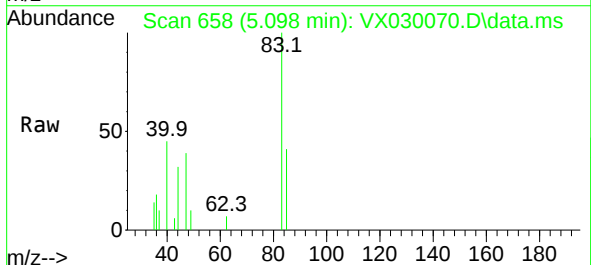
Instrument :
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ClientSampleId :
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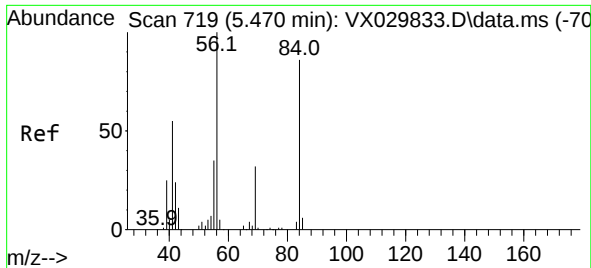
Tgt Ion: 43 Resp: 362
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#30
Chloroform
Concen: 0.765 ug/l
RT: 5.098 min Scan# 658
Delta R.T. -0.007 min
Lab File: VX030070.D
Acq: 14 Jul 2022 18:54

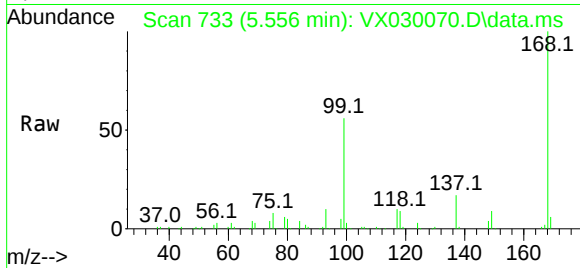
Tgt Ion: 83 Resp: 2470
Ion Ratio Lower Upper
83 100
85 41.3 51.5 77.3#



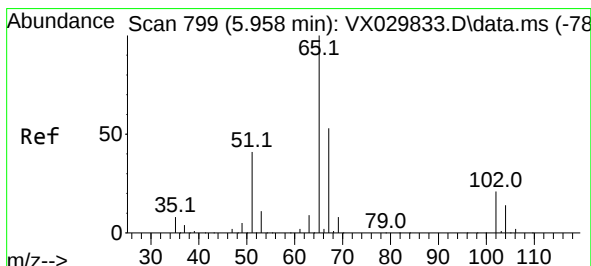
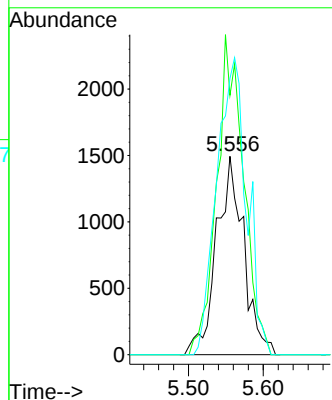
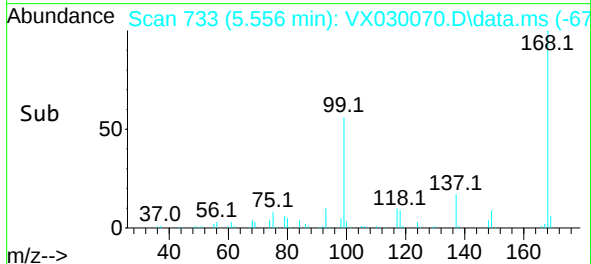


#31
Cyclohexane
Concen: 1.278 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX030070.D
Acq: 14 Jul 2022 18:54

Instrument :
MSVOA_X
ClientSampleId :
220713004-03-TRIP-BLANK

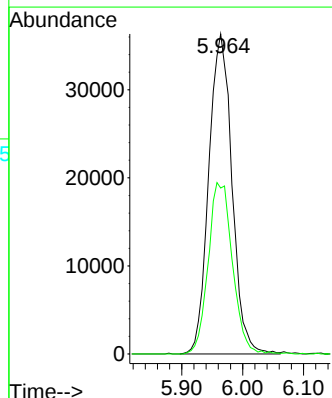
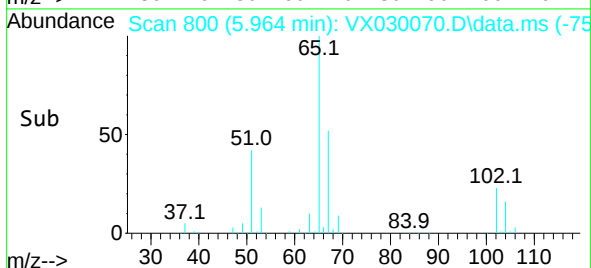
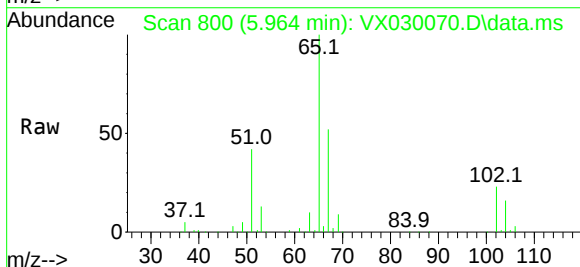


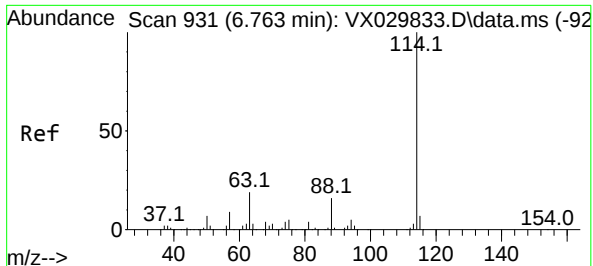
Tgt Ion: 56 Resp: 3784
Ion Ratio Lower Upper
56 100
69 130.7 25.4 38.0#
84 139.2 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 47.073 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030070.D
Acq: 14 Jul 2022 18:54

Tgt Ion: 65 Resp: 96159
Ion Ratio Lower Upper
65 100
67 55.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX030070.D

Acq: 14 Jul 2022 18:54

Instrument :

MSVOA_X

ClientSampleId :

220713004-03-TRIP-BLANK

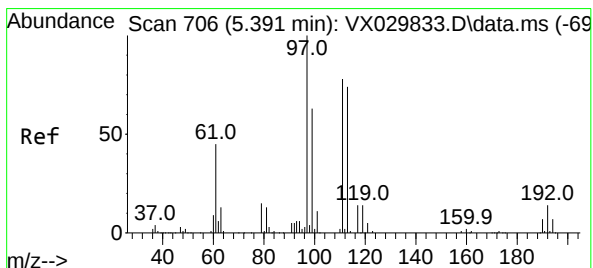
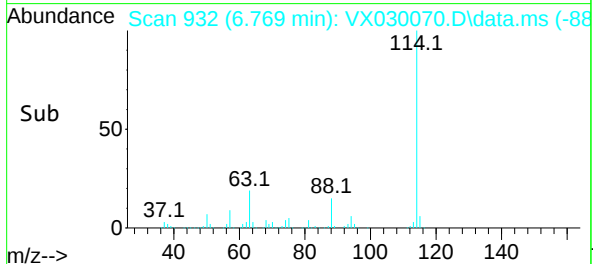
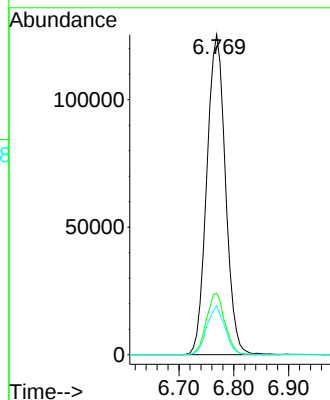
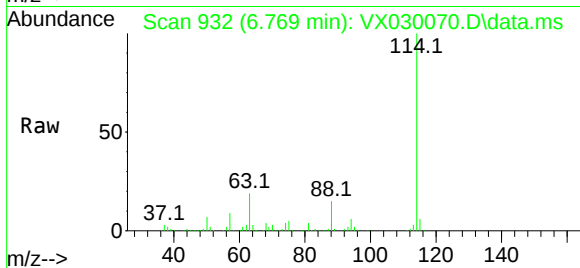
Tgt Ion:114 Resp: 296693

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.144 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX030070.D

Acq: 14 Jul 2022 18:54

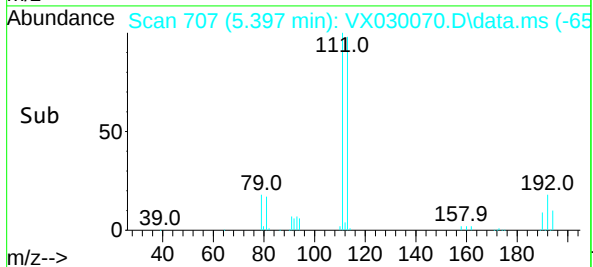
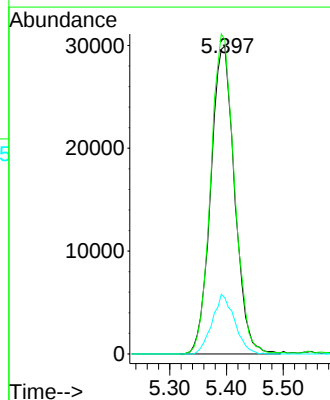
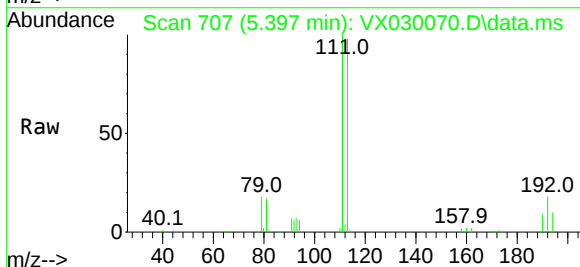
Tgt Ion:113 Resp: 87460

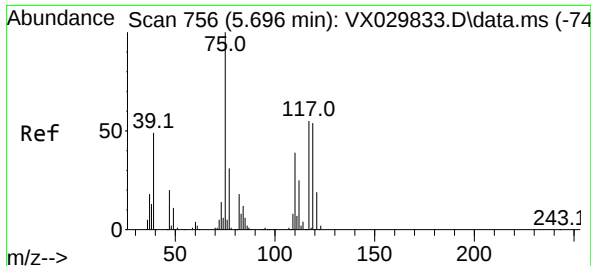
Ion Ratio Lower Upper

113 100

111 103.1 83.2 124.8

192 18.2 14.8 22.2

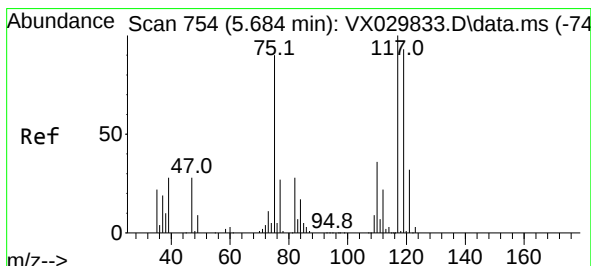
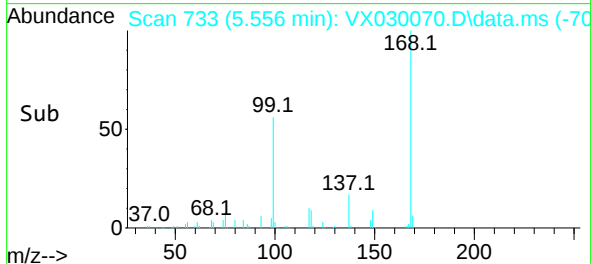
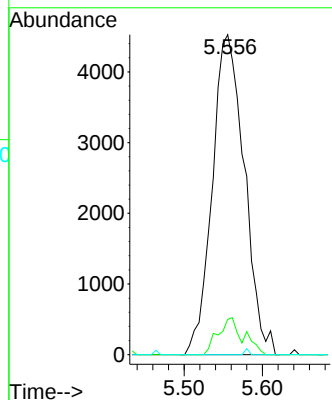
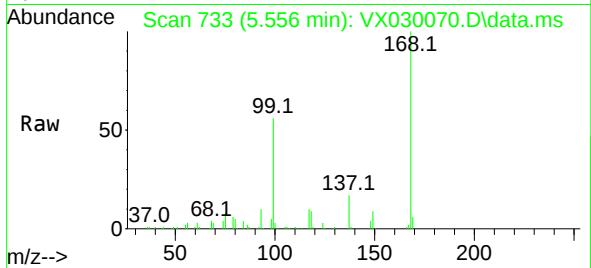




#36
1,1-Dichloropropene
Concen: 5.255 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX030070.D
Acq: 14 Jul 2022 18:54

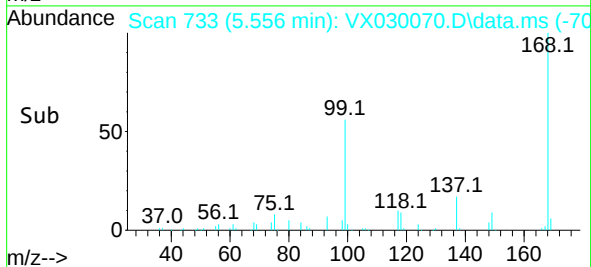
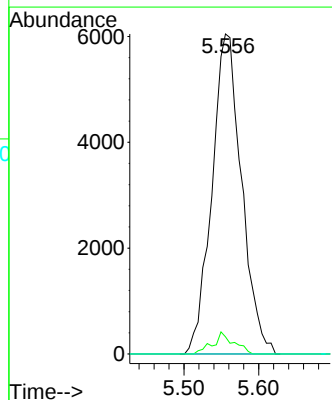
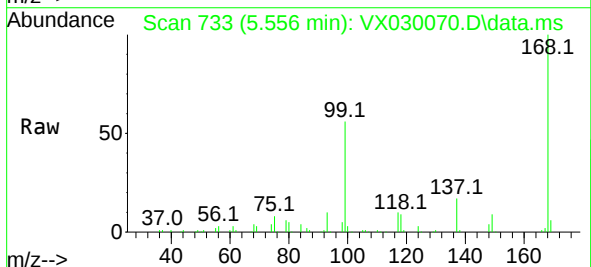
Instrument :
MSVOA_X
ClientSampleId :
220713004-03-TRIP-BLANK

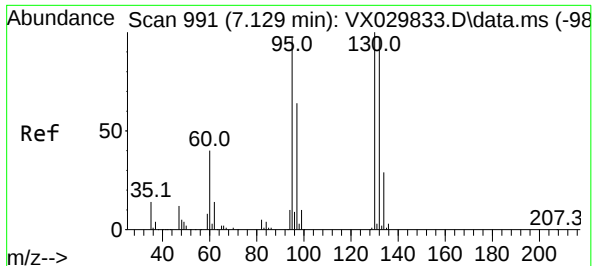
Tgt Ion: 75 Resp: 12866
Ion Ratio Lower Upper
75 100
110 7.1 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.305 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX030070.D
Acq: 14 Jul 2022 18:54

Tgt Ion: 117 Resp: 16678
Ion Ratio Lower Upper
117 100
119 5.3 74.1 111.1#
121 0.0 25.8 38.8#

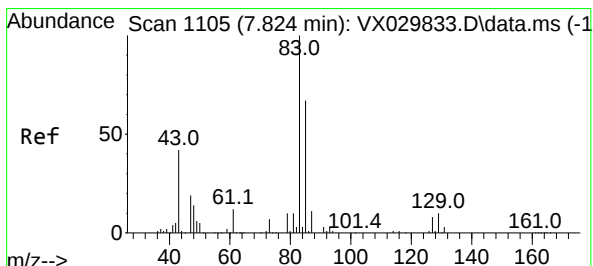
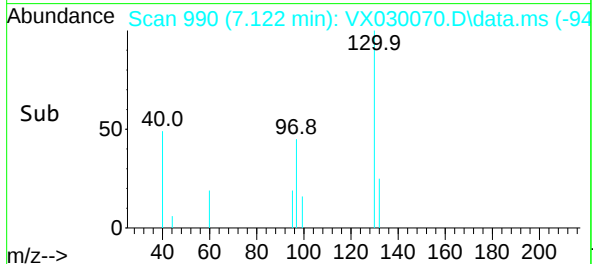
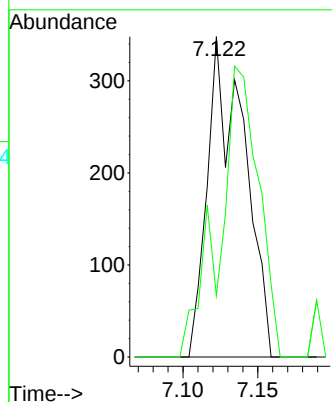
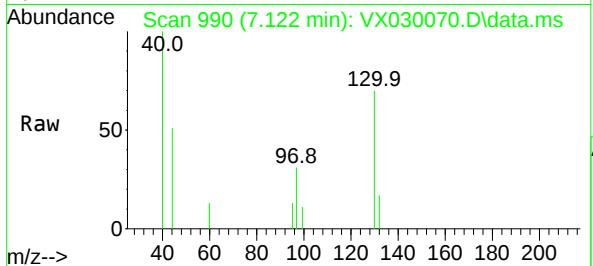




#44
Trichloroethene
Concen: 0.263 ug/l
RT: 7.122 min Scan# 991
Delta R.T. -0.007 min
Lab File: VX030070.D
Acq: 14 Jul 2022 18:54

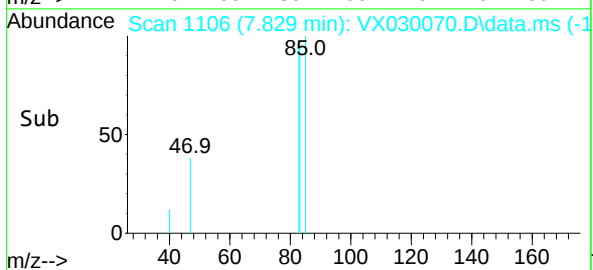
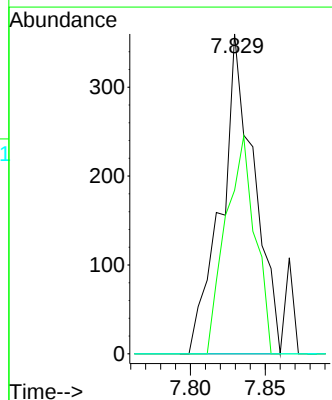
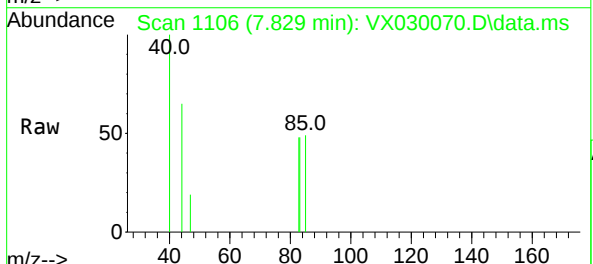
Instrument :
MSVOA_X
ClientSampleId :
220713004-03-TRIP-BLANK

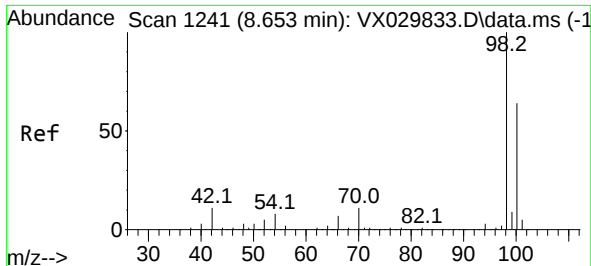
Tgt Ion:130 Resp: 593
Ion Ratio Lower Upper
130 100
95 19.3 0.0 194.8



#47
Bromodichloromethane
Concen: 0.221 ug/l
RT: 7.829 min Scan# 1106
Delta R.T. 0.005 min
Lab File: VX030070.D
Acq: 14 Jul 2022 18:54

Tgt Ion: 83 Resp: 552
Ion Ratio Lower Upper
83 100
85 51.1 53.5 80.3#
127 0.0 6.6 10.0#

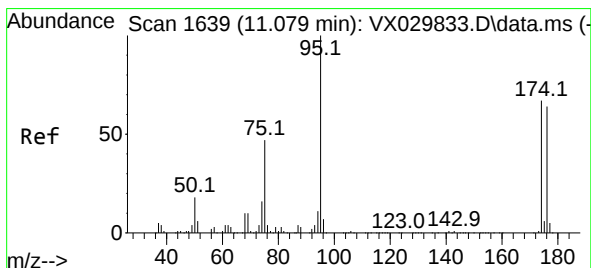
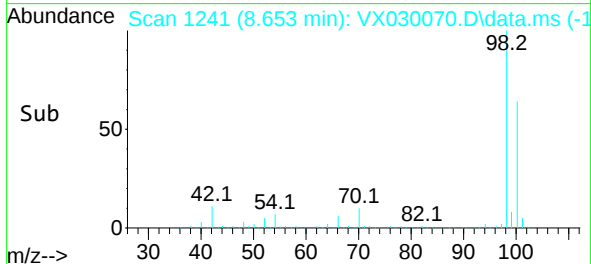
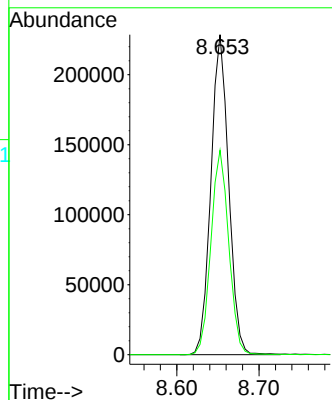
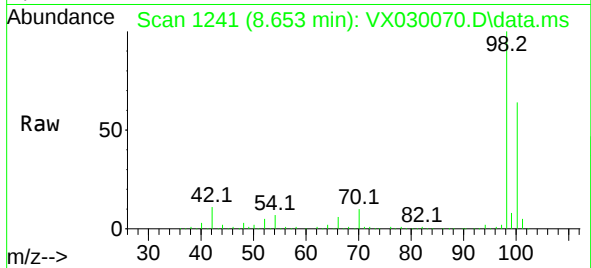




#50
Toluene-d8
Concen: 48.045 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030070.D
Acq: 14 Jul 2022 18:54

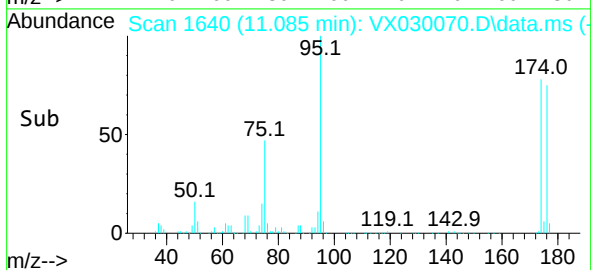
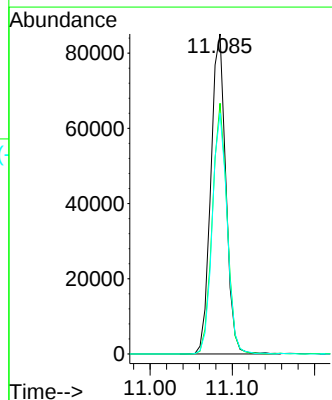
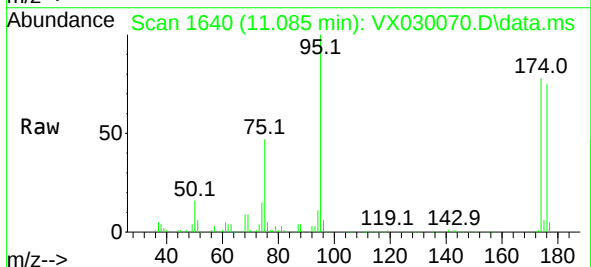
Instrument :
MSVOA_X
ClientSampleId :
220713004-03-TRIP-BLANK

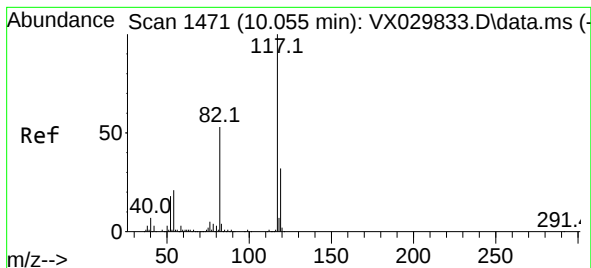
Tgt Ion: 98 Resp: 342489
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 43.600 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030070.D
Acq: 14 Jul 2022 18:54

Tgt Ion: 95 Resp: 107857
Ion Ratio Lower Upper
95 100
174 76.8 0.0 149.0
176 74.9 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX030070.D

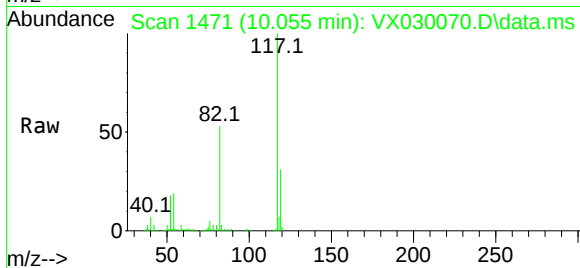
Acq: 14 Jul 2022 18:54

Instrument :

MSVOA_X

ClientSampleId :

220713004-03-TRIP-BLANK



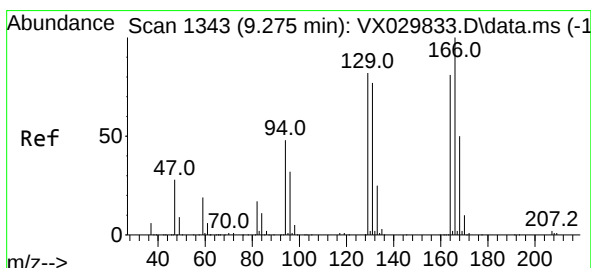
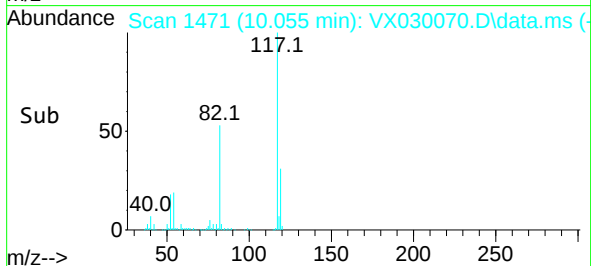
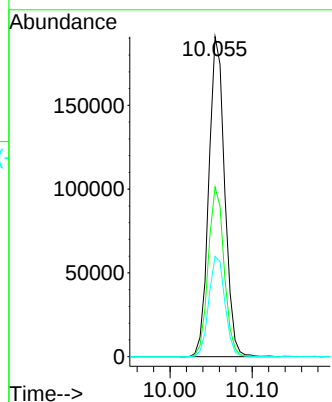
Tgt Ion:117 Resp: 255886

Ion Ratio Lower Upper

117 100

82 53.0 42.7 64.1

119 31.3 25.4 38.2



#64

Tetrachloroethene

Concen: 1.294 ug/l

RT: 9.274 min Scan# 1343

Delta R.T. -0.001 min

Lab File: VX030070.D

Acq: 14 Jul 2022 18:54

Tgt Ion:164 Resp: 2659

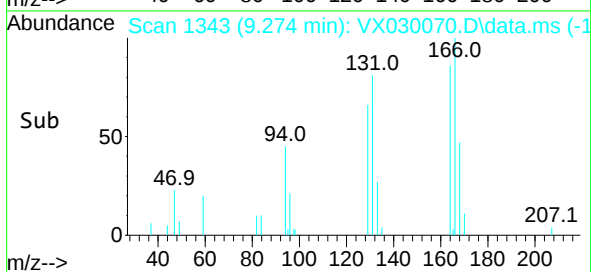
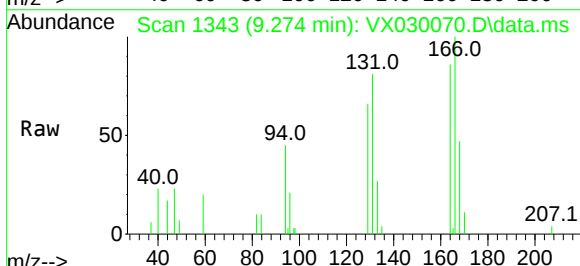
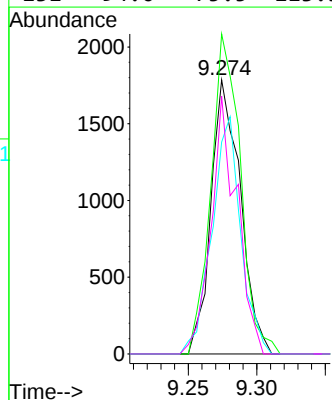
Ion Ratio Lower Upper

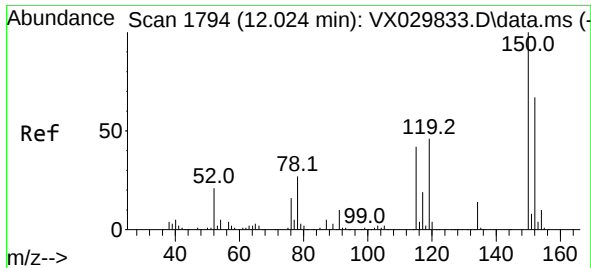
164 100

166 116.7 98.2 147.4

129 77.3 80.8 121.2#

131 94.0 75.5 113.3

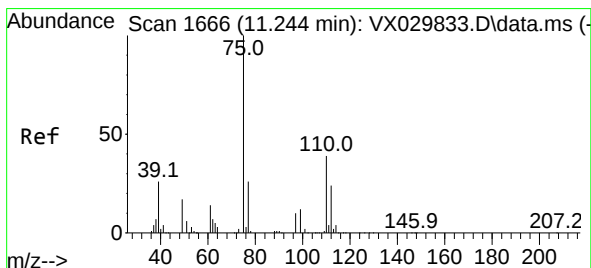
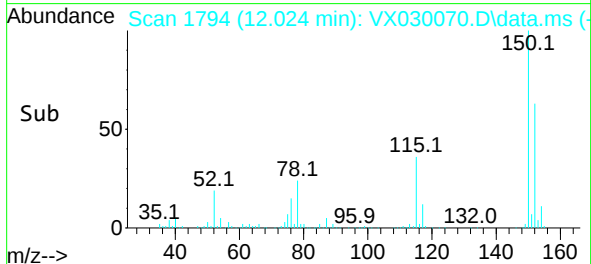
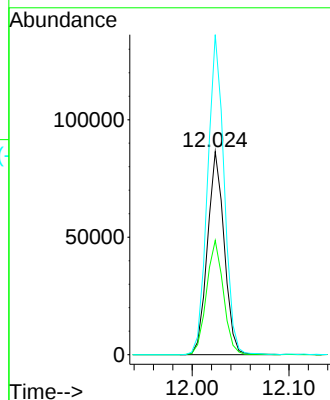
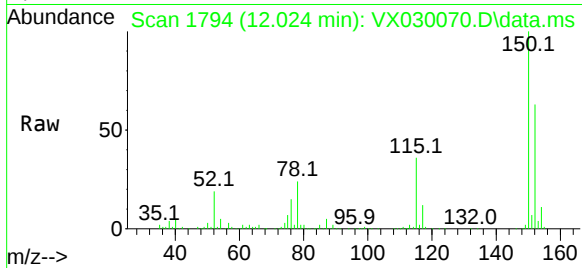




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030070.D
 Acq: 14 Jul 2022 18:54

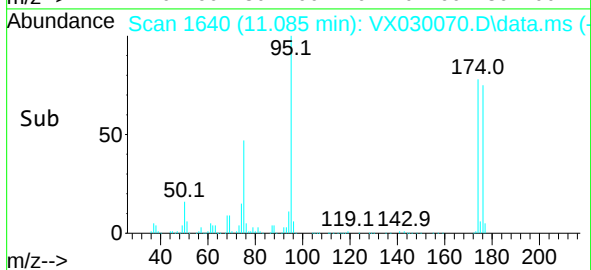
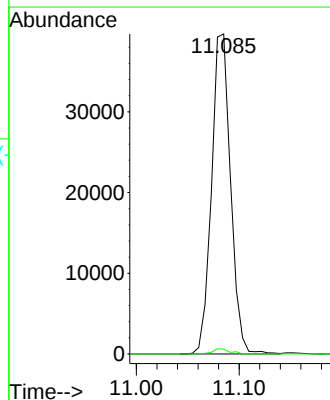
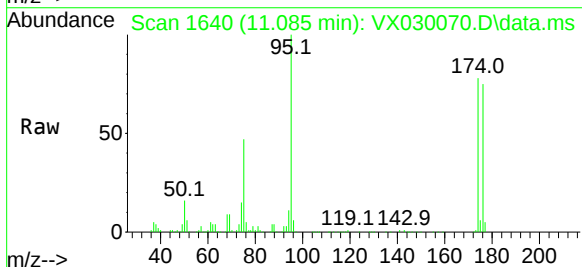
Instrument :
 MSVOA_X
 ClientSampleId :
 220713004-03-TRIP-BLANK

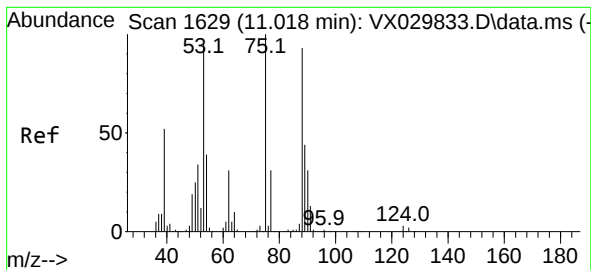
Tgt Ion:152 Resp: 104178
 Ion Ratio Lower Upper
 152 100
 115 56.9 40.5 121.5
 150 156.0 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 21.259 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030070.D
 Acq: 14 Jul 2022 18:54

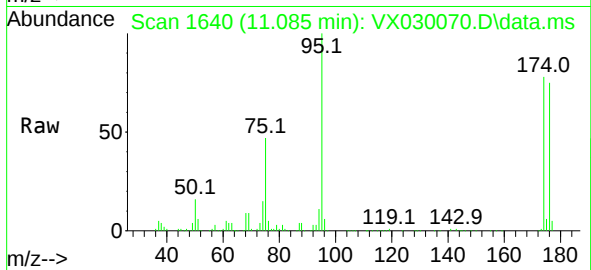
Tgt Ion: 75 Resp: 50922
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.354 ug/l
 RT: 11.085 min Scan# 11
 Delta R.T. 0.067 min
 Lab File: VX030070.D
 Acq: 14 Jul 2022 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 220713004-03-TRIP-BLANK



Tgt Ion: 75 Resp: 50922
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.2 34.8 52.2#

