

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101322\
 Data File : VX032108.D
 Acq On : 13 Oct 2022 14:09
 Operator : JC/MD
 Sample : N5073-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Oct 14 07:51:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

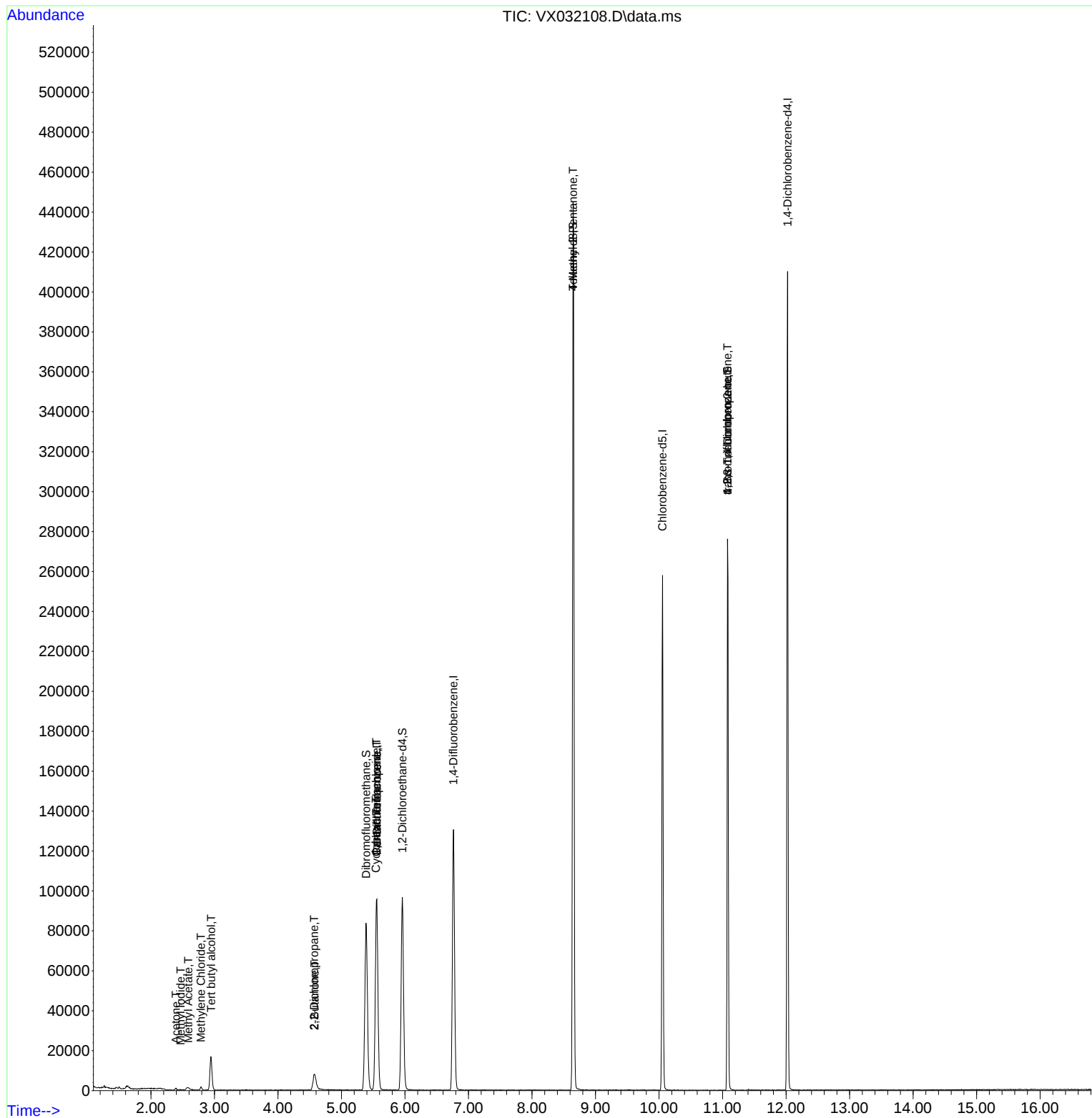
Internal Standards						
1) Pentafluorobenzene	5.556	168	85411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	128179	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94804	53.746	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.500%	
35) Dibromofluoromethane	5.385	113	69146	47.657	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.320%	
50) Toluene-d8	8.647	98	258768	49.564	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.120%	
62) 4-Bromofluorobenzene	11.079	95	71317	38.639	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 77.280%#	
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	278	Below Cal	#	79
10) Methyl Iodide	2.465	142	77	2.806	ug/l #	56
11) Tert butyl alcohol	2.947	59	9618	43.826	ug/l #	76
16) Acetone	2.392	43	832	1.388	ug/l	95
18) Methyl Acetate	2.587	43	907	0.459	ug/l #	52
20) Methylene Chloride	2.788	84	701	0.445	ug/l #	64
25) 2-Butanone	4.574	43	753	0.804	ug/l #	49
26) 2,2-Dichloropropane	4.568	77	609	0.340	ug/l #	54
31) Cyclohexane	5.544	56	2230	1.058	ug/l #	23
36) 1,1-Dichloropropene	5.556	75	7702	4.003	ug/l #	47
38) Carbon Tetrachloride	5.550	117	9810	4.987	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1232	0.676	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38326	23.778	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	38326	81.905	ug/l #	11

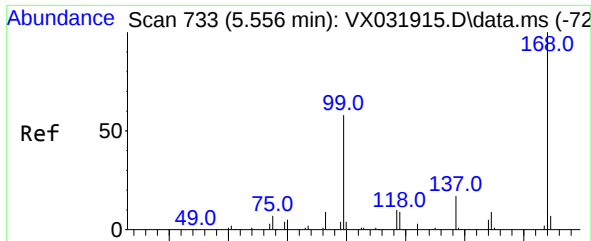
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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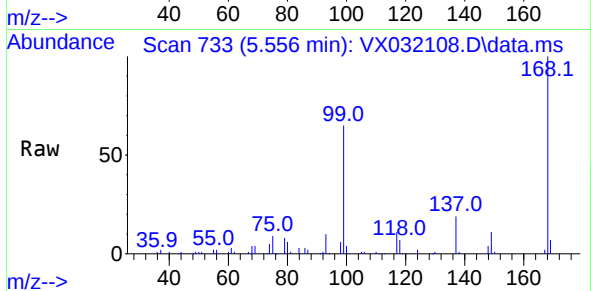
Quant Time: Oct 14 07:51:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
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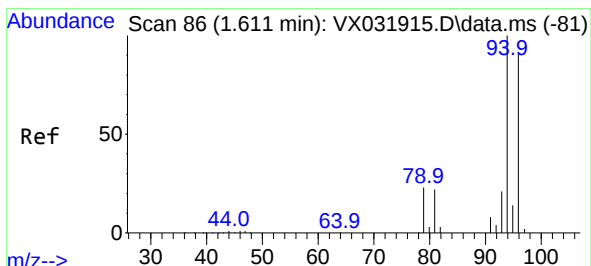
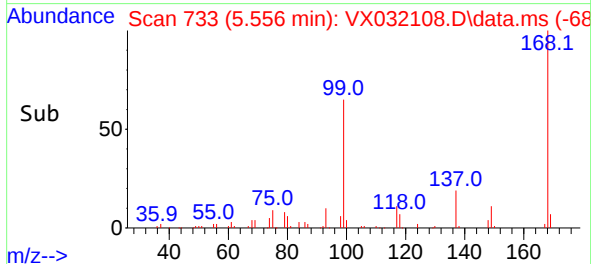
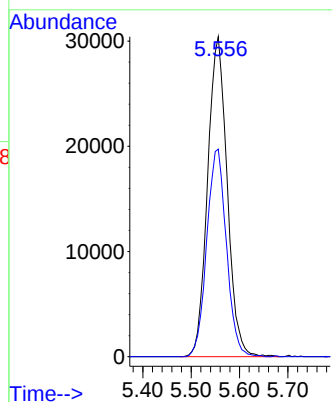


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032108.D
Acq: 13 Oct 2022 14:09

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

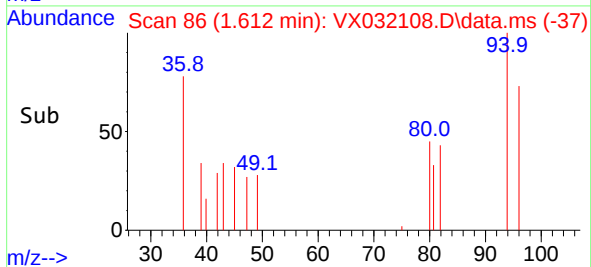
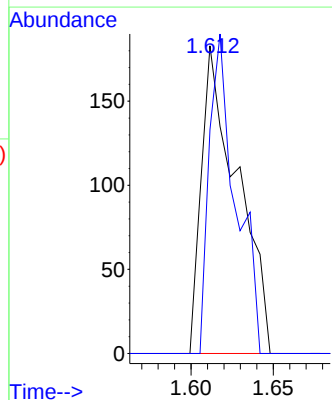
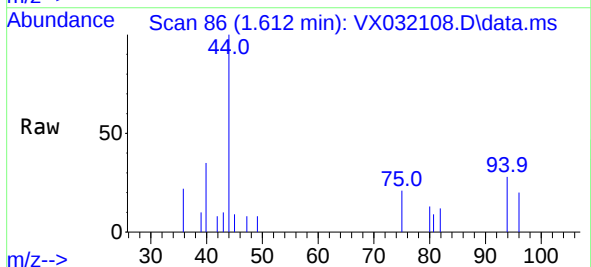


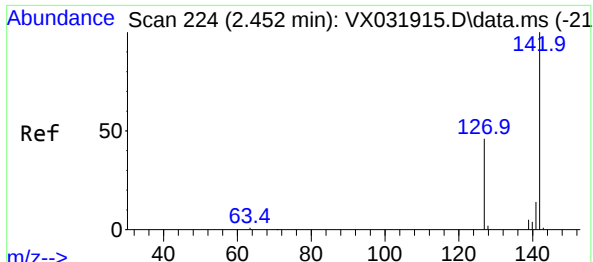
Tgt Ion:168 Resp: 85411
Ion Ratio Lower Upper
168 100
99 64.9 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.001 min
Lab File: VX032108.D
Acq: 13 Oct 2022 14:09

Tgt Ion: 94 Resp: 278
Ion Ratio Lower Upper
94 100
96 72.7 74.4 111.6#

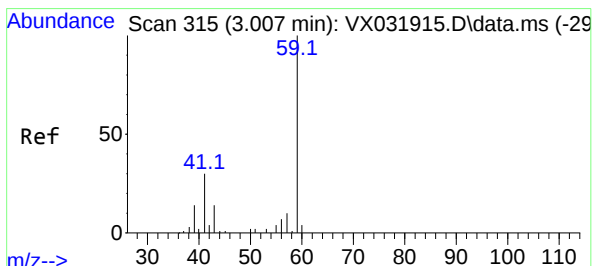
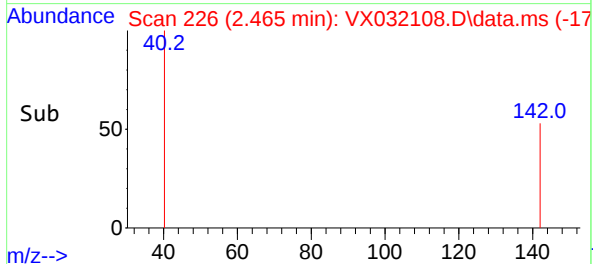
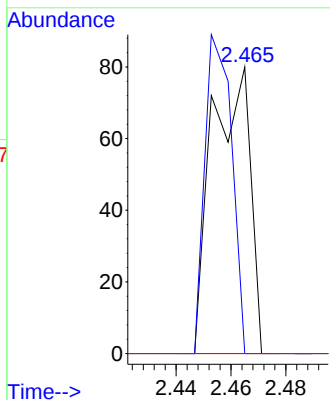
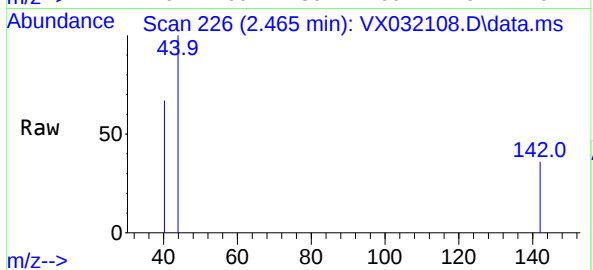




#10
Methyl Iodide
Concen: 2.806 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX032108.D
Acq: 13 Oct 2022 14:09

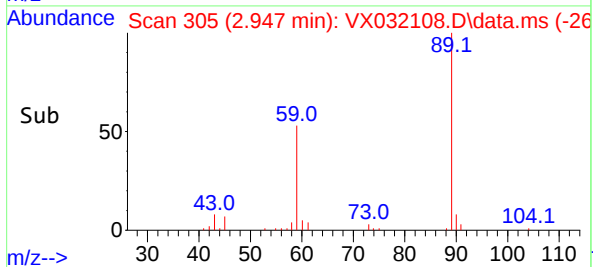
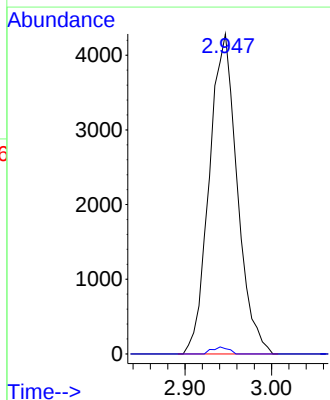
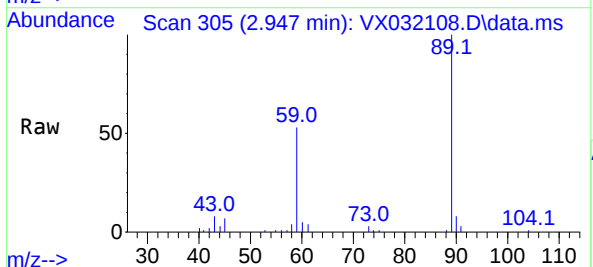
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

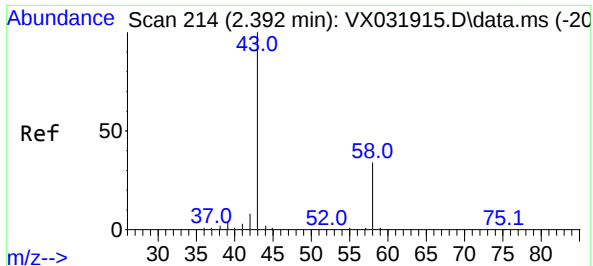
Tgt Ion:142 Resp: 77
Ion Ratio Lower Upper
142 100
127 77.9 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 43.826 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.060 min
Lab File: VX032108.D
Acq: 13 Oct 2022 14:09

Tgt Ion: 59 Resp: 9618
Ion Ratio Lower Upper
59 100
57 1.3 8.2 12.2#

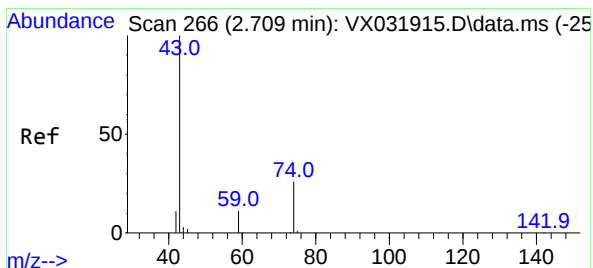
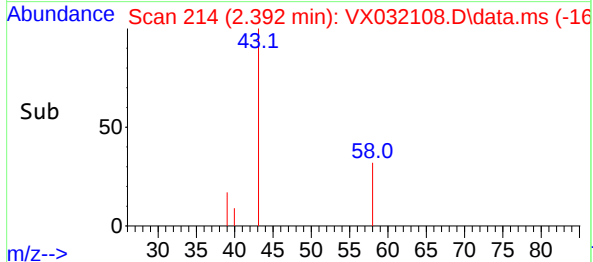
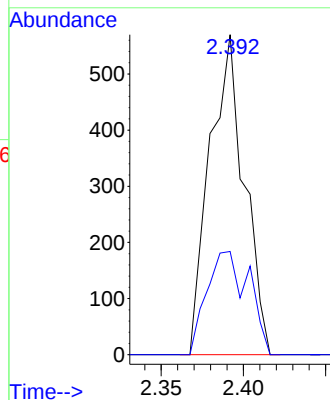
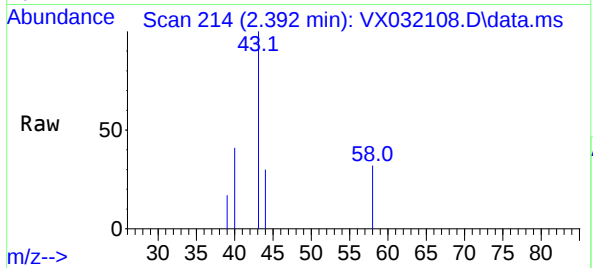




#16
Acetone
Concen: 1.388 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX032108.D
Acq: 13 Oct 2022 14:09

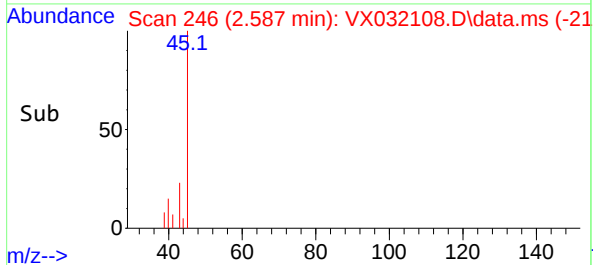
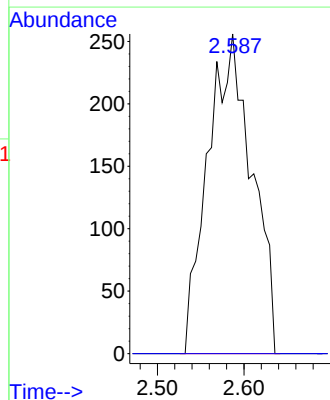
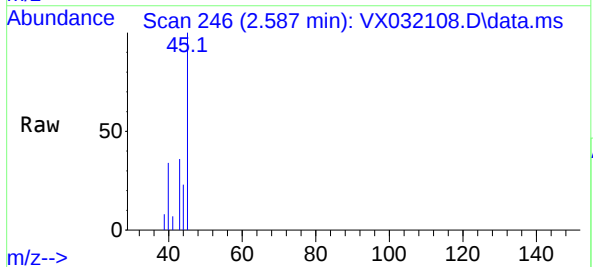
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-4

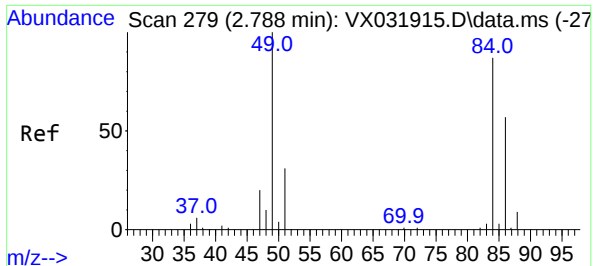
Tgt Ion: 43 Resp: 832
Ion Ratio Lower Upper
43 100
58 32.3 23.8 35.8



#18
Methyl Acetate
Concen: 0.459 ug/l
RT: 2.587 min Scan# 246
Delta R.T. -0.122 min
Lab File: VX032108.D
Acq: 13 Oct 2022 14:09

Tgt Ion: 43 Resp: 907
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#

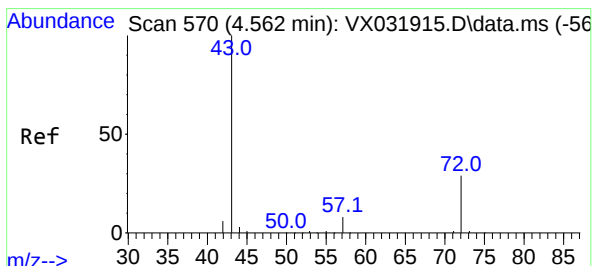
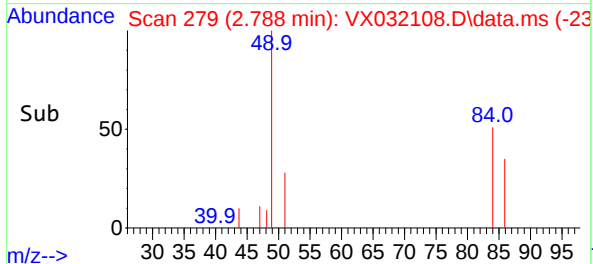
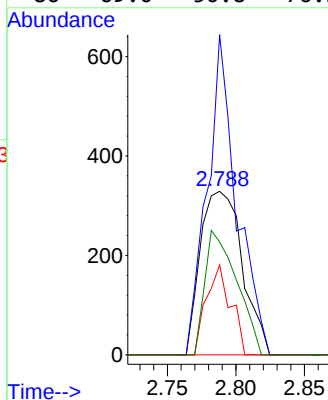
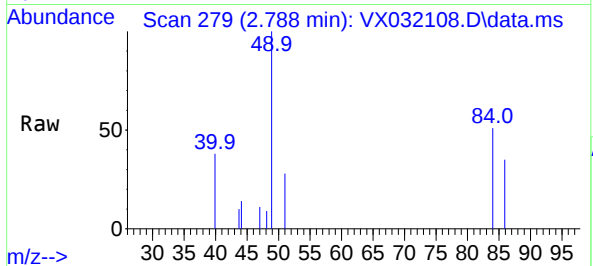




#20
Methylene Chloride
Concen: 0.445 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032108.D
Acq: 13 Oct 2022 14:09

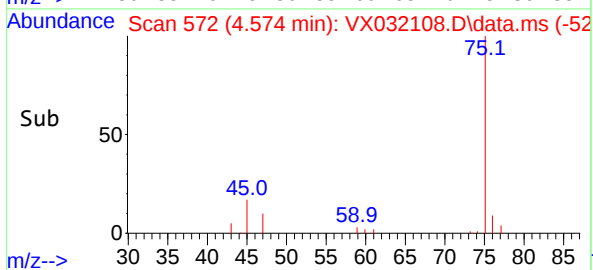
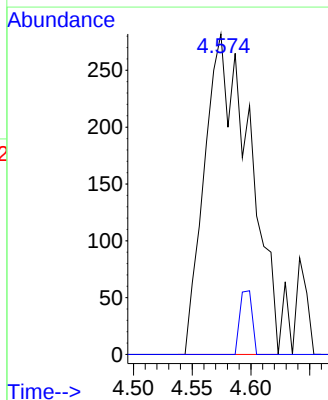
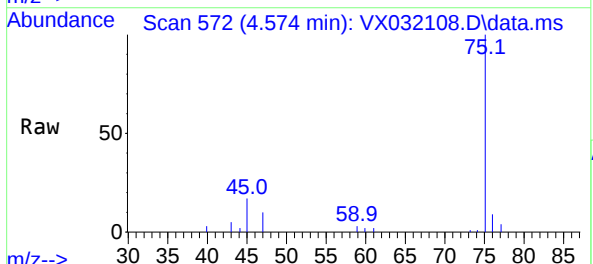
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

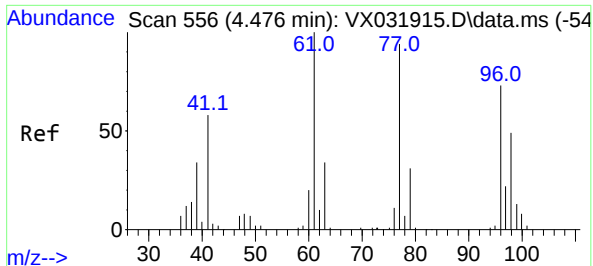
Tgt Ion: 84	Resp:	701
Ion	Ratio	Lower Upper
84	100	
49	195.7	105.9 158.9#
51	55.0	32.2 48.2#
86	69.0	50.8 76.2



#25
2-Butanone
Concen: 0.804 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX032108.D
Acq: 13 Oct 2022 14:09

Tgt Ion: 43	Resp:	753
Ion	Ratio	Lower Upper
43	100	
72	0.0	21.1 31.7#





#26

2,2-Dichloropropane

Concen: 0.340 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.092 min

Lab File: VX032108.D

Acq: 13 Oct 2022 14:09

Instrument :

MSVOA_X

ClientSampleId :

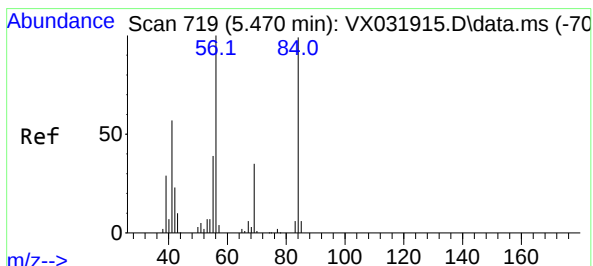
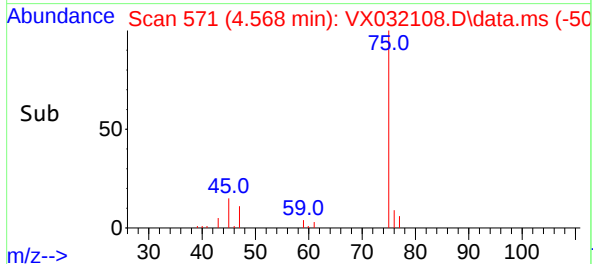
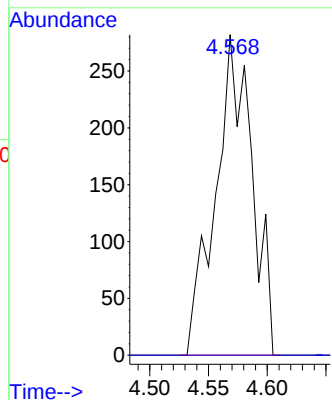
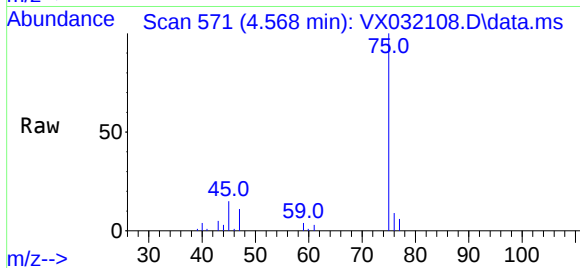
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 77 Resp: 609

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.6#



#31

Cyclohexane

Concen: 1.058 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.074 min

Lab File: VX032108.D

Acq: 13 Oct 2022 14:09

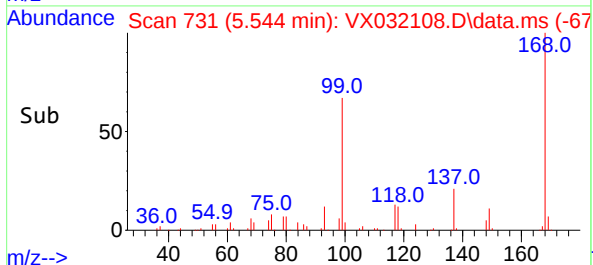
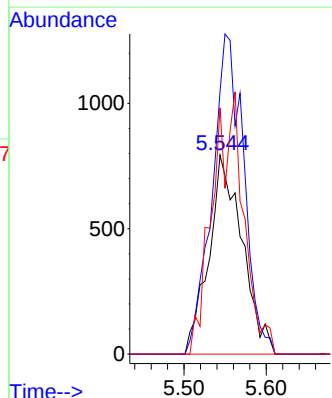
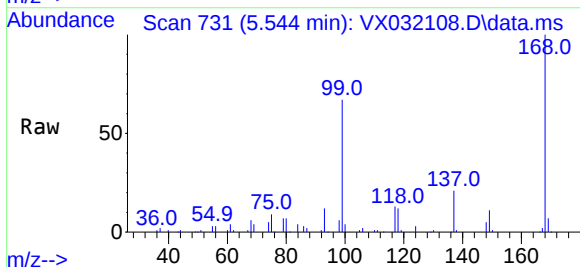
Tgt Ion: 56 Resp: 2230

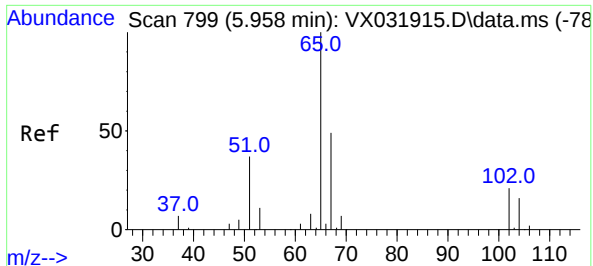
Ion Ratio Lower Upper

56 100

69 132.0 25.1 37.7#

84 123.8 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 53.746 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032108.D

Acq: 13 Oct 2022 14:09

Instrument :

MSVOA_X

ClientSampleId :

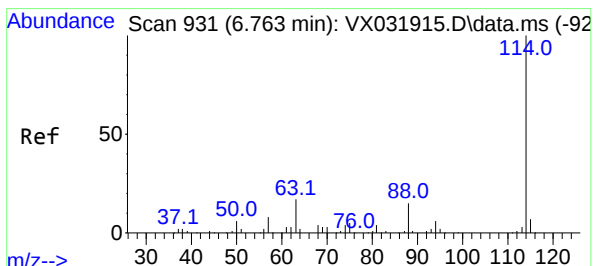
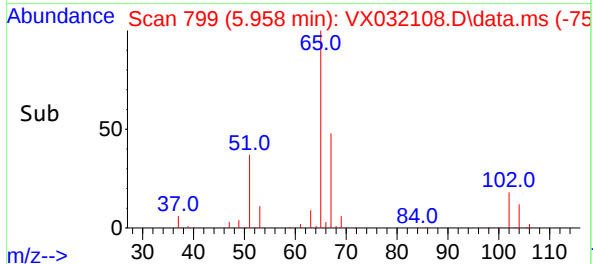
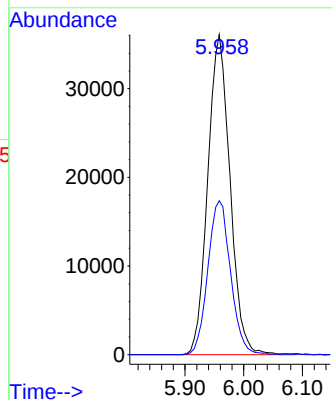
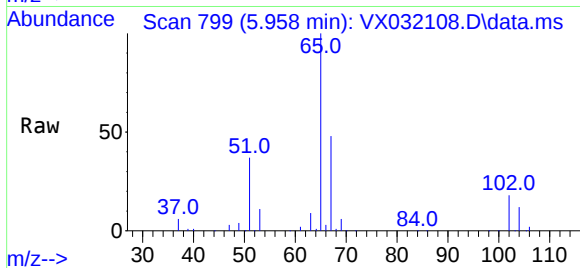
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 94804

Ion Ratio Lower Upper

65 100

67 49.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032108.D

Acq: 13 Oct 2022 14:09

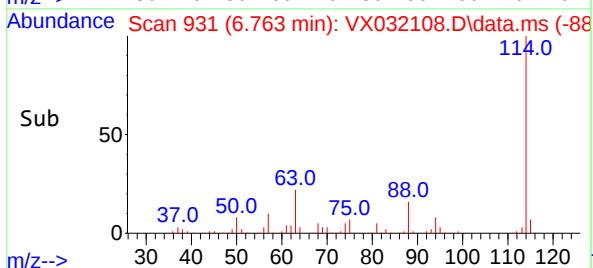
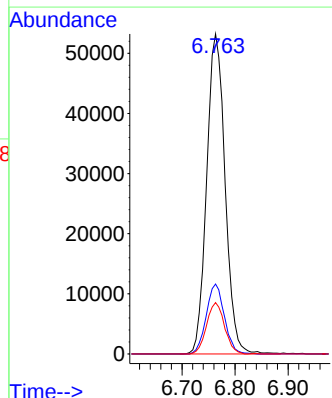
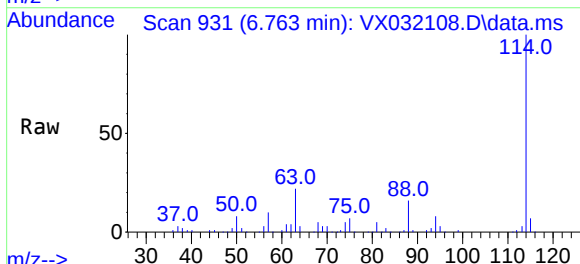
Tgt Ion: 114 Resp: 128179

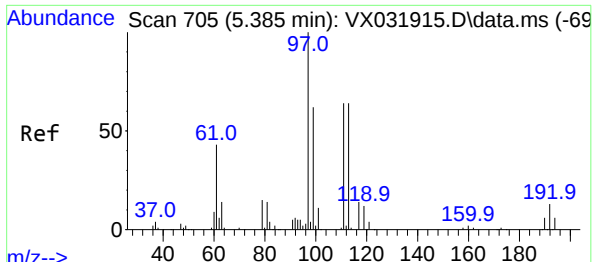
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.6

88 16.0 0.0 33.0

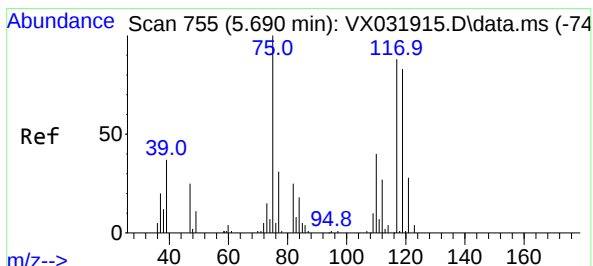
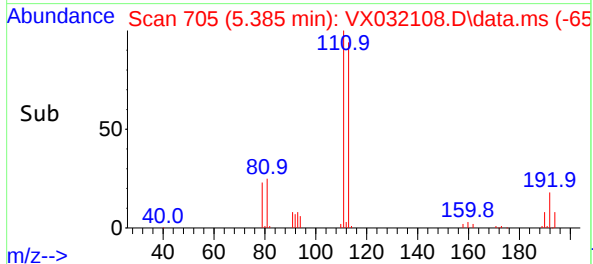
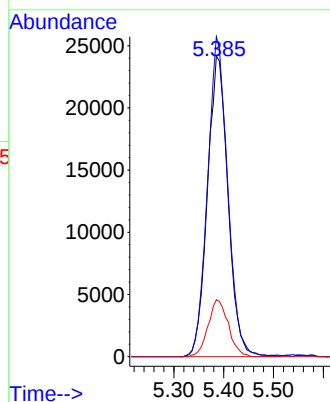
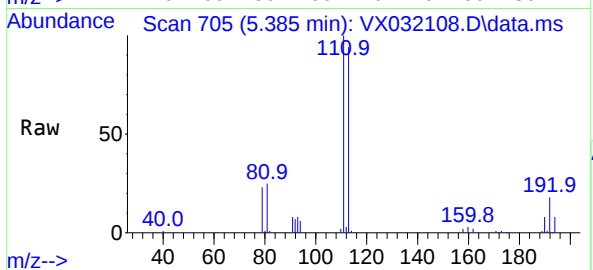




#35
Dibromofluoromethane
Concen: 47.657 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032108.D
Acq: 13 Oct 2022 14:09

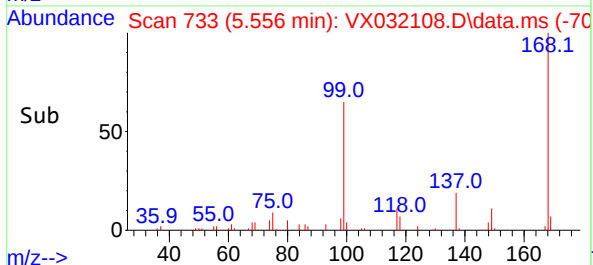
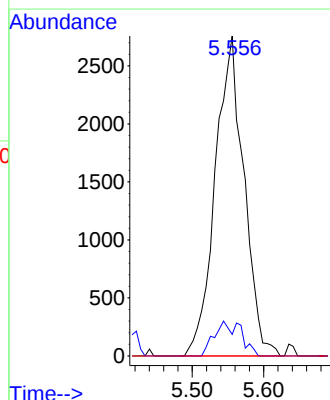
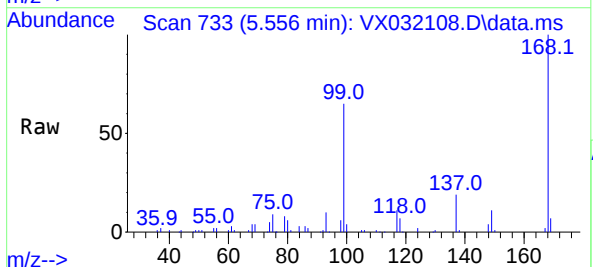
Instrument :
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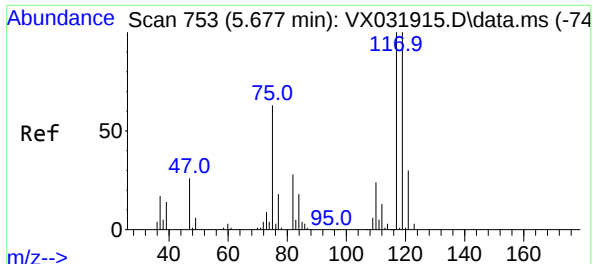
Tgt Ion:113 Resp: 69146
Ion Ratio Lower Upper
113 100
111 104.4 82.4 123.6
192 18.7 14.1 21.1



#36
1,1-Dichloropropene
Concen: 4.003 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX032108.D
Acq: 13 Oct 2022 14:09

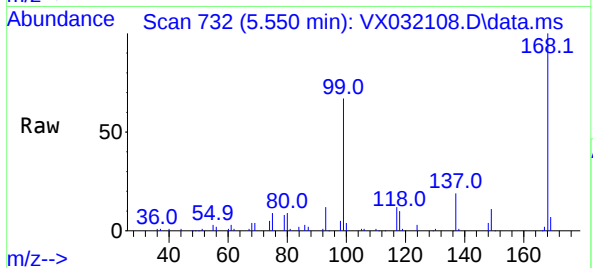
Tgt Ion: 75 Resp: 7702
Ion Ratio Lower Upper
75 100
110 6.5 17.5 52.5#
77 0.0 24.9 37.3#



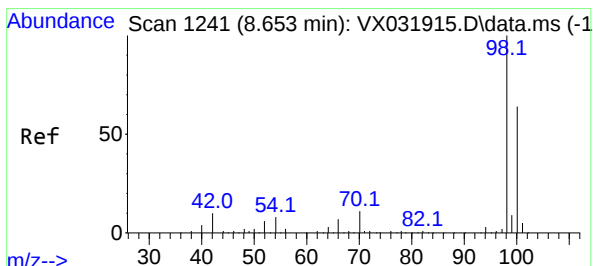
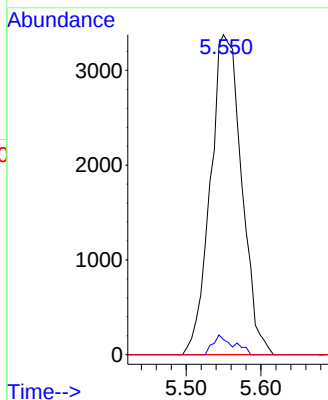
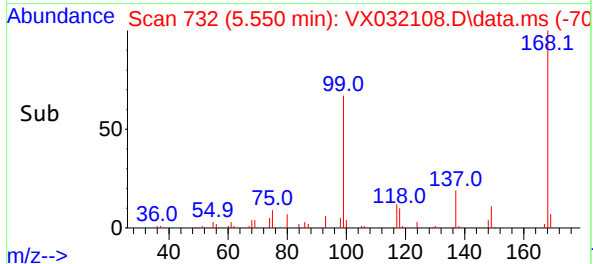


#38
Carbon Tetrachloride
Concen: 4.987 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX032108.D
Acq: 13 Oct 2022 14:09

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

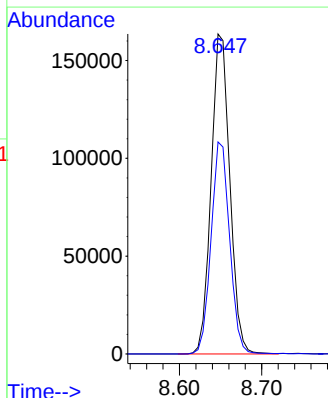
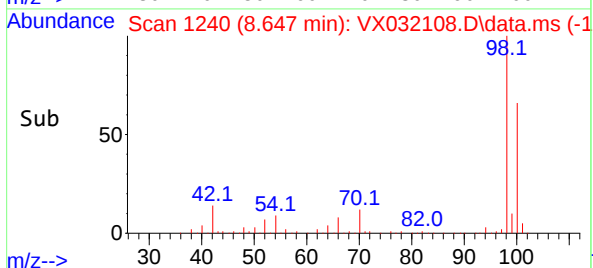
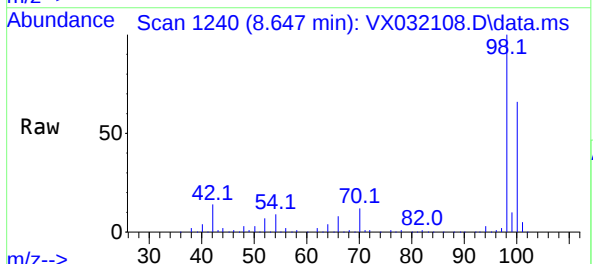


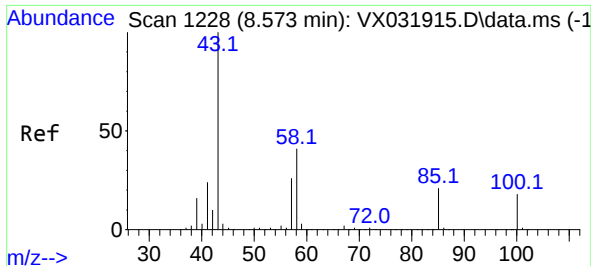
Tgt Ion:117 Resp: 9810
Ion Ratio Lower Upper
117 100
119 4.7 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 49.564 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032108.D
Acq: 13 Oct 2022 14:09

Tgt Ion: 98 Resp: 258768
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.676 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX032108.D

Acq: 13 Oct 2022 14:09

Instrument :

MSVOA_X

ClientSampleId :

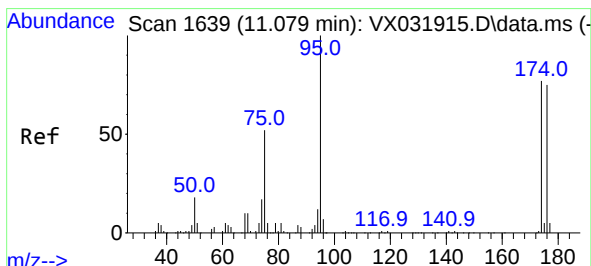
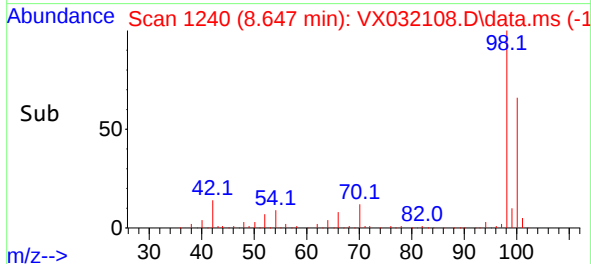
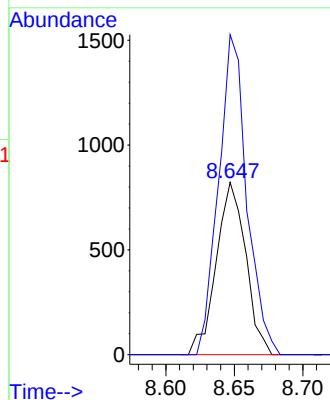
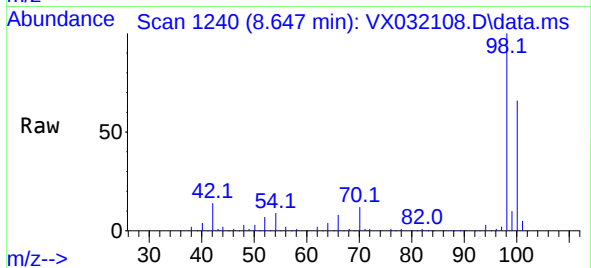
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 43 Resp: 1232

Ion Ratio Lower Upper

43 100

58 177.9 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 38.639 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032108.D

Acq: 13 Oct 2022 14:09

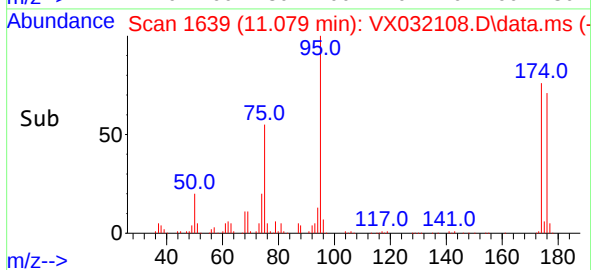
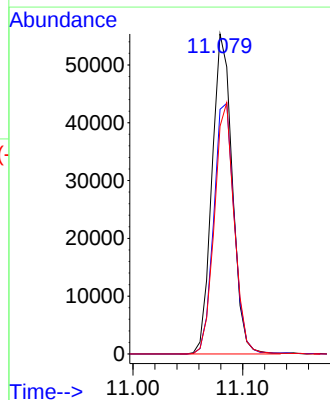
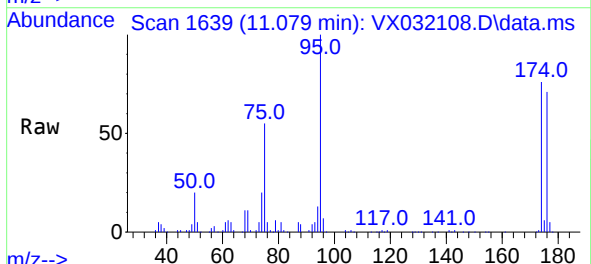
Tgt Ion: 95 Resp: 71317

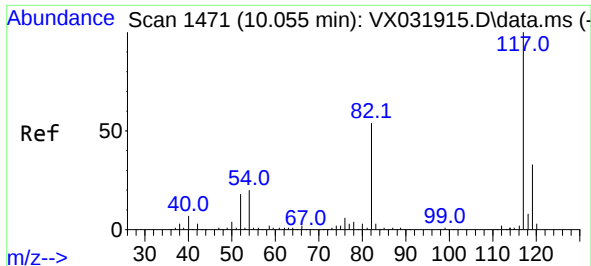
Ion Ratio Lower Upper

95 100

174 79.4 0.0 153.2

176 76.8 0.0 144.0

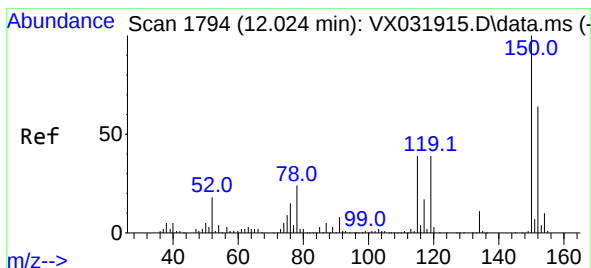
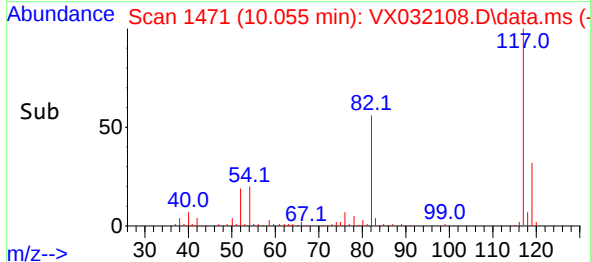
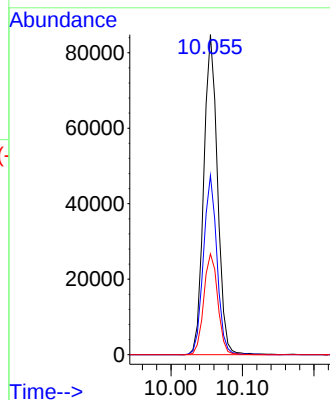
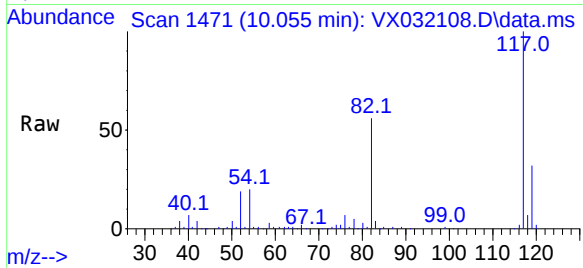




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032108.D
Acq: 13 Oct 2022 14:09

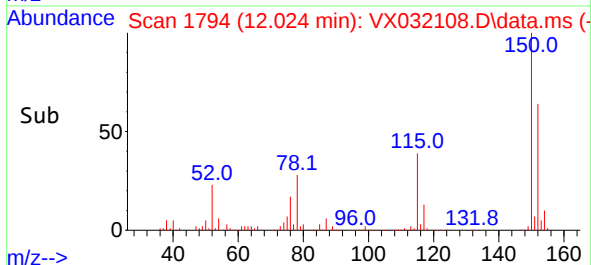
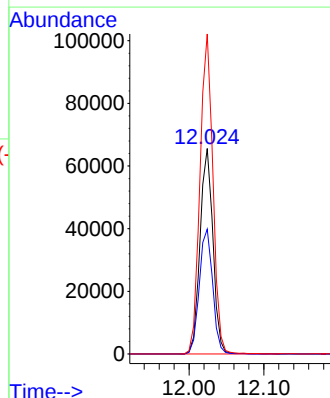
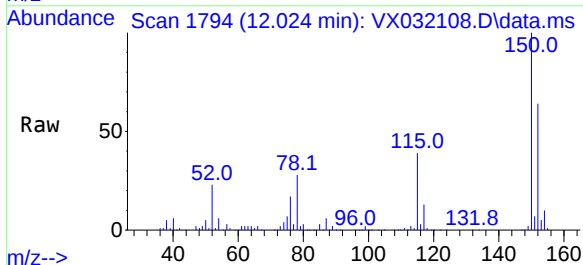
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

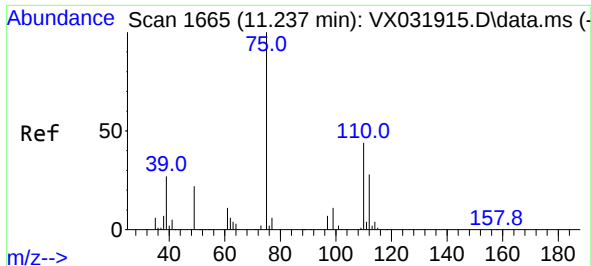
Tgt Ion:117 Resp: 113391
Ion Ratio Lower Upper
117 100
82 56.0 46.8 70.2
119 31.5 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032108.D
Acq: 13 Oct 2022 14:09

Tgt Ion:152 Resp: 78646
Ion Ratio Lower Upper
152 100
115 62.7 43.4 130.1
150 155.7 0.0 346.8

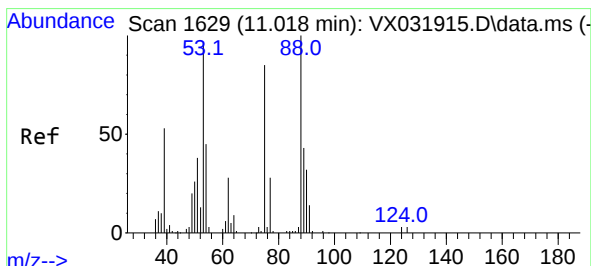
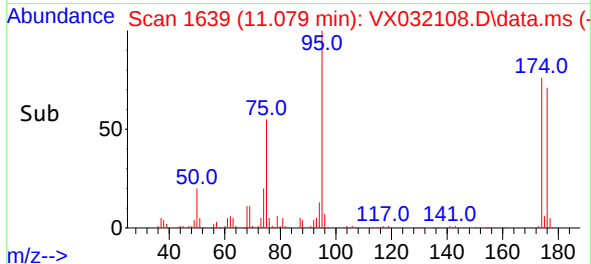
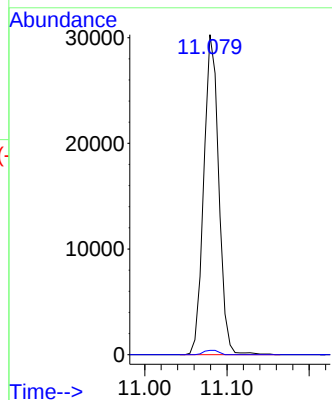
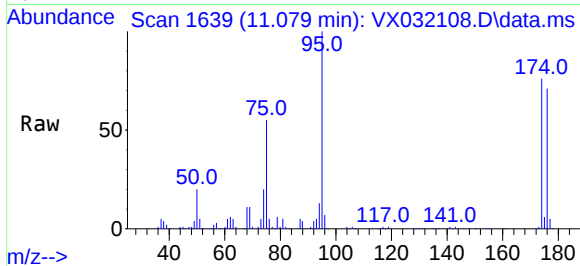




#76
1,2,3-Trichloropropane
Concen: 23.778 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032108.D
Acq: 13 Oct 2022 14:09

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 38326
Ion Ratio Lower Upper
75 100
77 1.4 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.905 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032108.D
Acq: 13 Oct 2022 14:09

Tgt Ion: 75 Resp: 38326
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

