

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071522\
 Data File : VX030093.D
 Acq On : 15 Jul 2022 15:51
 Operator : JC/MD
 Sample : N3740-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jul 16 06:02:48 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)

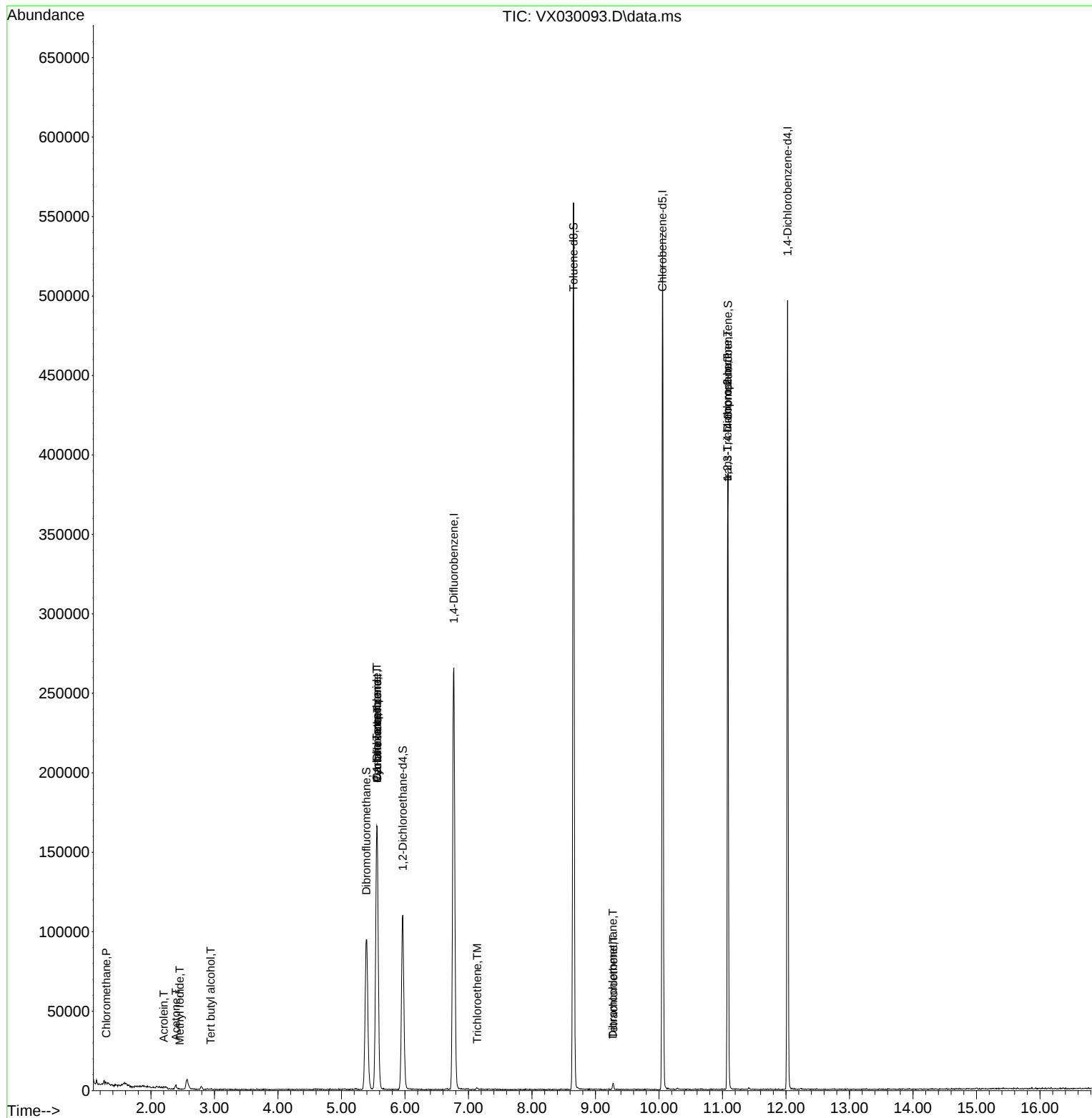
Internal Standards						
1) Pentafluorobenzene	5.562	168	162244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	287382	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99115	50.190	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.380%	
35) Dibromofluoromethane	5.391	113	87554	47.690	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.380%	
50) Toluene-d8	8.653	98	330316	47.839	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.680%	
62) 4-Bromofluorobenzene	11.085	95	105067	43.848	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.700%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	459	0.271	ug/l	95
10) Methyl Iodide	2.453	142	144	2.492	ug/l #	41
11) Tert butyl alcohol	2.941	59	138	0.271	ug/l #	74
13) Acrolein	2.203	56	26	0.256	ug/l #	1
16) Acetone	2.392	43	2283	2.453	ug/l	93
17) Carbon Disulfide	2.508	76	274	Below Cal	#	74
20) Methylene Chloride	2.788	84	803	Below Cal	#	90
31) Cyclohexane	5.562	56	3594	1.255	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	12689	5.351	ug/l #	49
38) Carbon Tetrachloride	5.556	117	15475	6.998	ug/l #	17
44) Trichloroethene	7.135	130	530	0.243	ug/l	60
60) Dibromochloromethane	9.275	129	749	0.393	ug/l #	11
64) Tetrachloroethene	9.281	164	754	0.382	ug/l #	77
76) 1,2,3-Trichloropropane	11.079	75	49784	21.287	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	49784	61.434	ug/l #	13

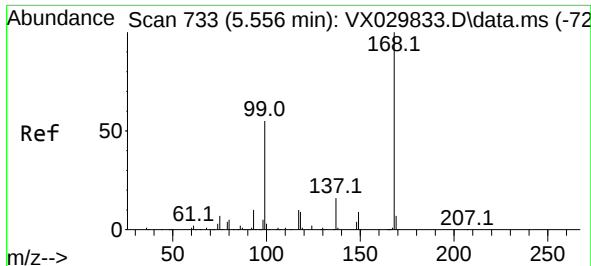
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 16 06:02:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 13 09:05:23 2022
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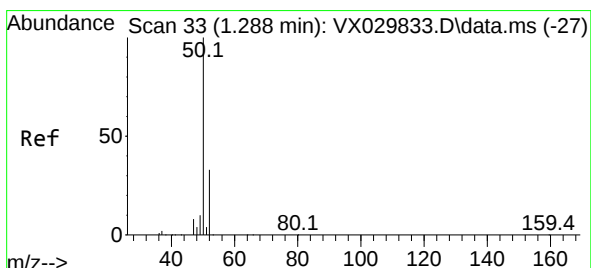
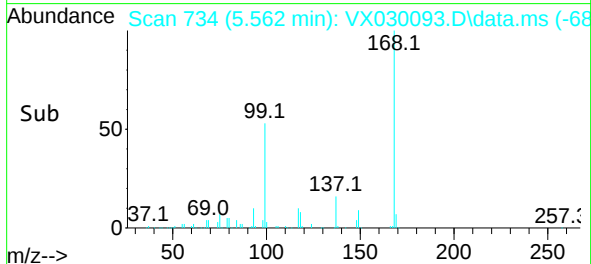
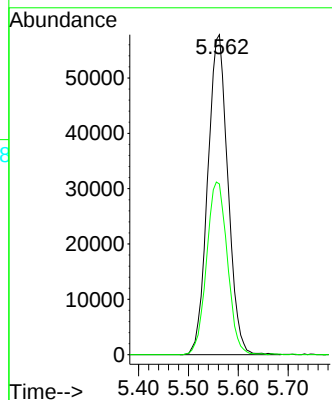
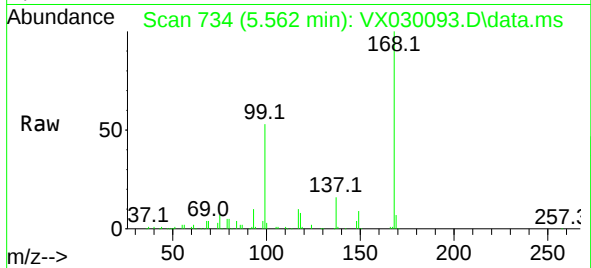




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030093.D
Acq: 15 Jul 2022 15:51

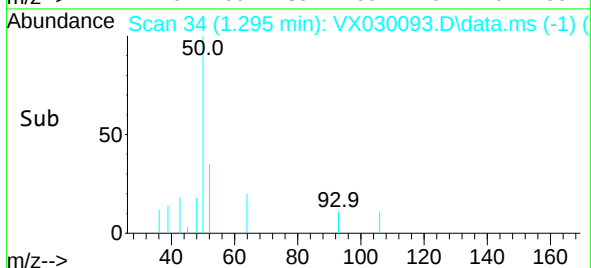
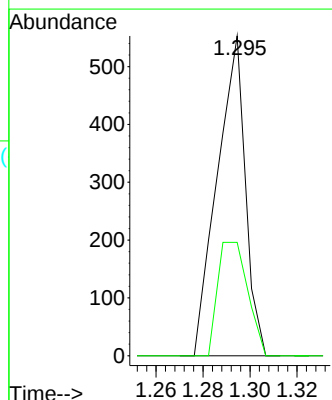
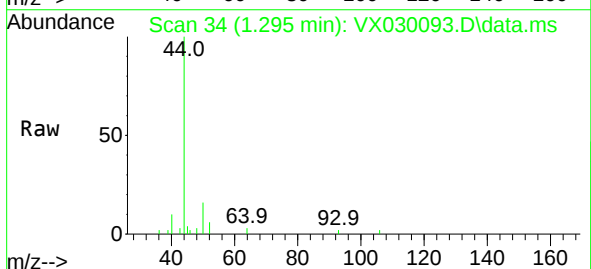
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

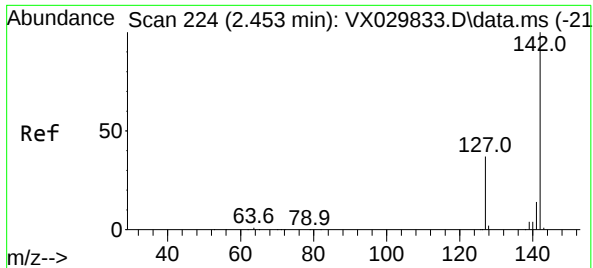
Tgt Ion:168 Resp: 162244
Ion Ratio Lower Upper
168 100
99 53.3 44.0 66.0



#3
Chloromethane
Concen: 0.271 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX030093.D
Acq: 15 Jul 2022 15:51

Tgt Ion: 50 Resp: 459
Ion Ratio Lower Upper
50 100
52 35.4 26.3 39.5

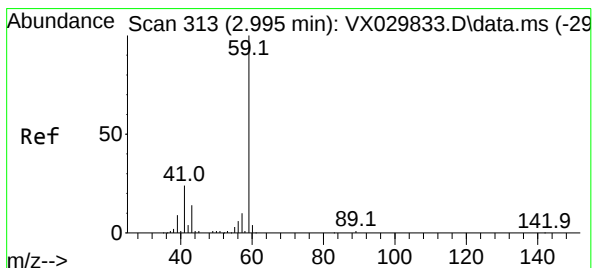
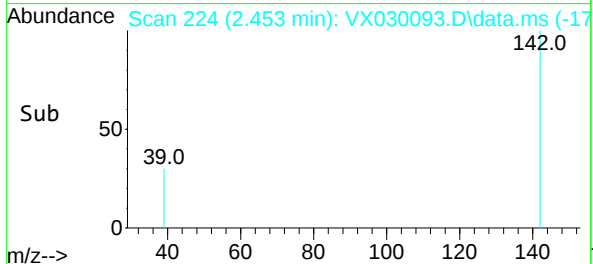
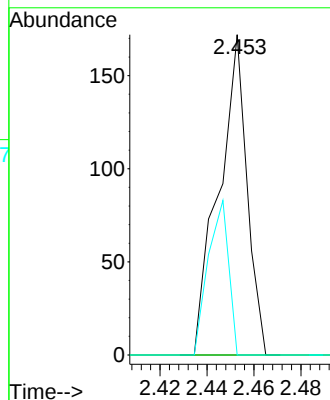
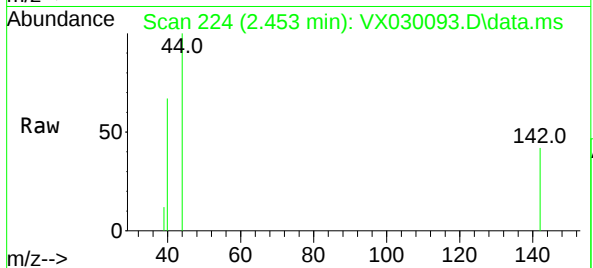




#10
Methyl Iodide
Concen: 2.492 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030093.D
Acq: 15 Jul 2022 15:51

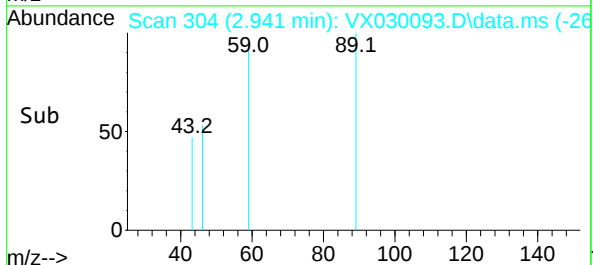
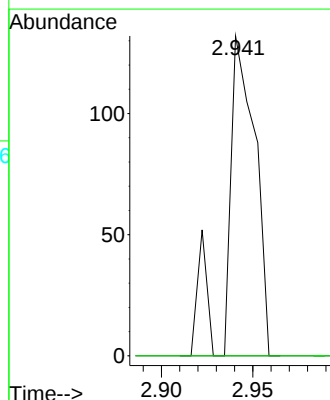
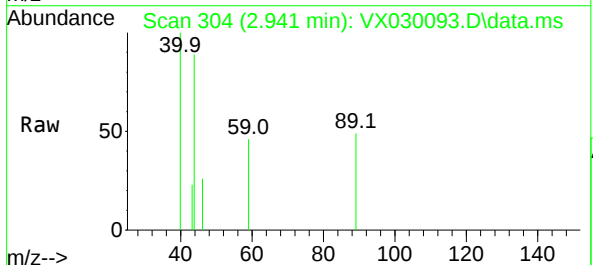
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

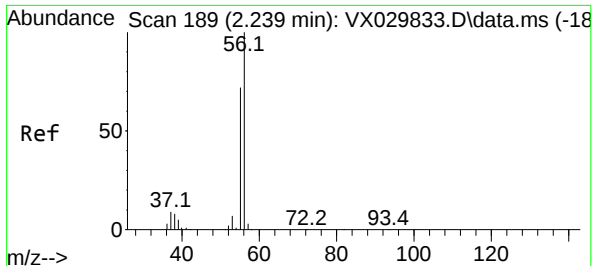
Tgt Ion:142 Resp: 144
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 34.7 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.271 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.054 min
Lab File: VX030093.D
Acq: 15 Jul 2022 15:51

Tgt Ion: 59 Resp: 138
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

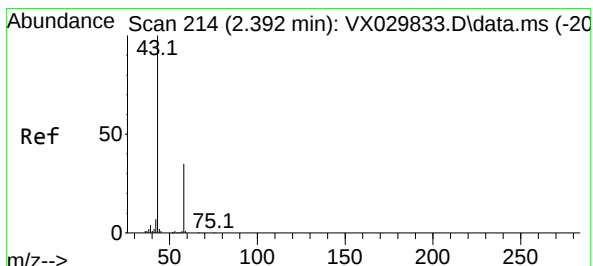
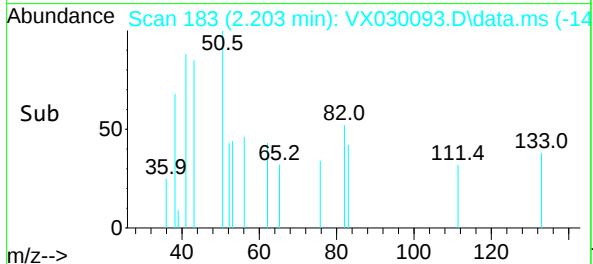
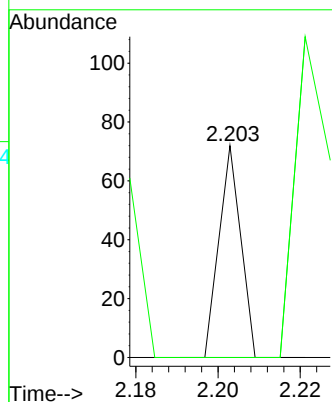
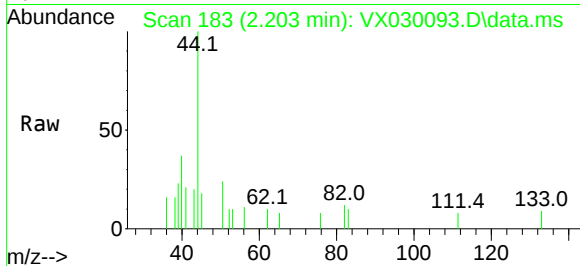




#13
Acrolein
Concen: 0.256 ug/l
RT: 2.203 min Scan# 11
Delta R.T. -0.036 min
Lab File: VX030093.D
Acq: 15 Jul 2022 15:51

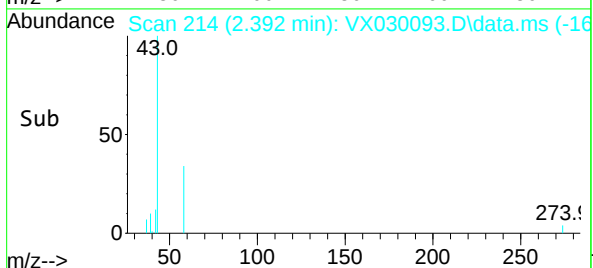
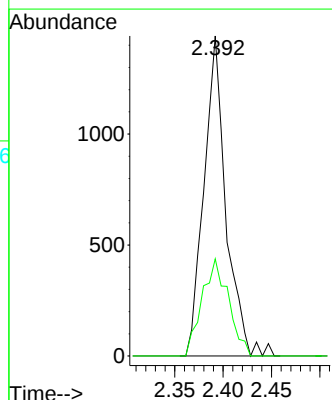
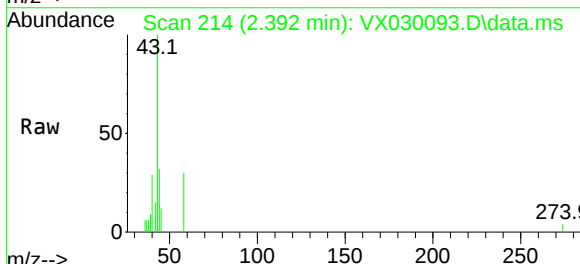
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

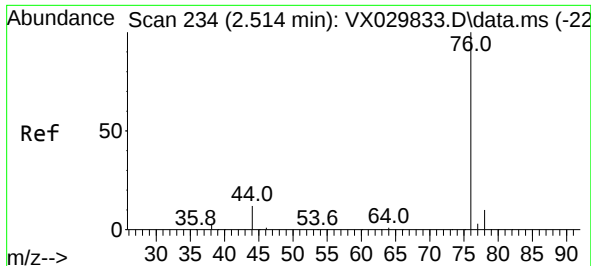
Tgt Ion: 56 Resp: 26
Ion Ratio Lower Upper
56 100
55 246.2 56.6 84.8#



#16
Acetone
Concen: 2.453 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX030093.D
Acq: 15 Jul 2022 15:51

Tgt Ion: 43 Resp: 2283
Ion Ratio Lower Upper
43 100
58 30.4 27.7 41.5

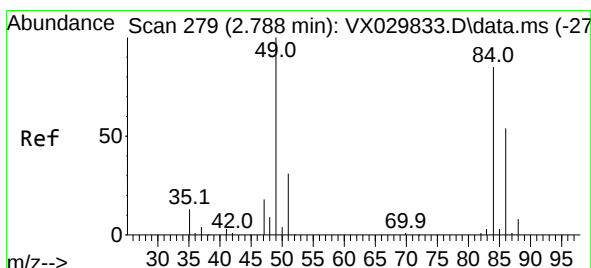
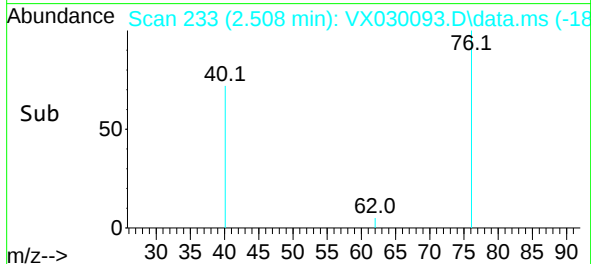
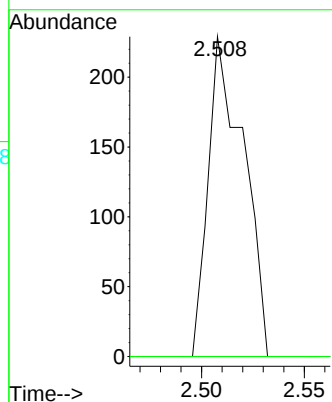
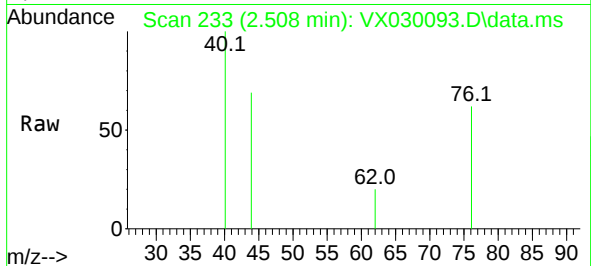




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX030093.D
Acq: 15 Jul 2022 15:51

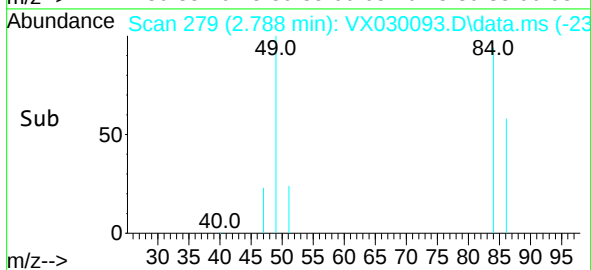
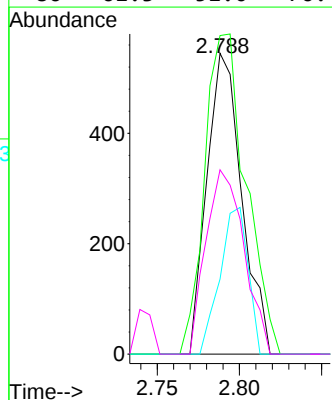
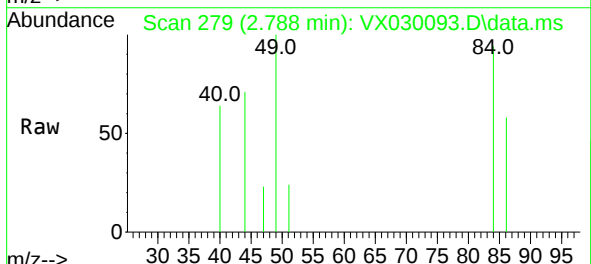
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

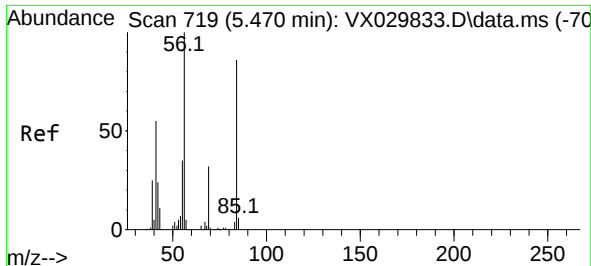
Tgt Ion: 76 Resp: 274
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030093.D
Acq: 15 Jul 2022 15:51

Tgt Ion: 84 Resp: 803
Ion Ratio Lower Upper
84 100
49 105.9 93.8 140.6
51 25.0 29.4 44.0#
86 61.3 51.0 76.4

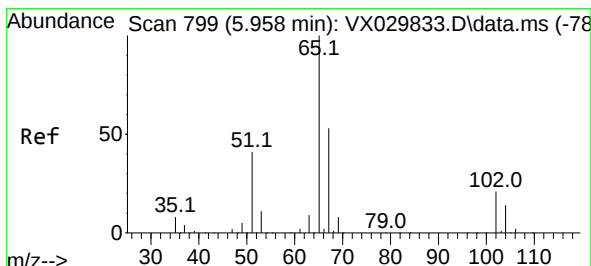
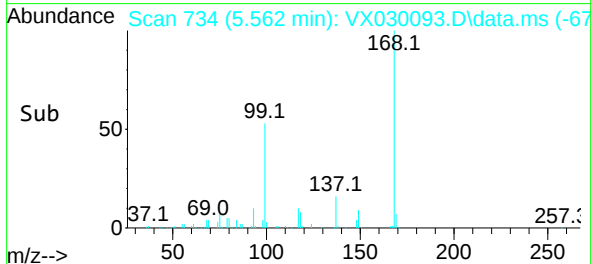
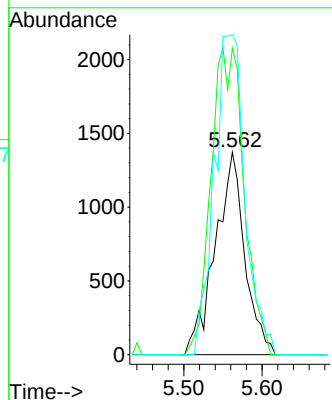
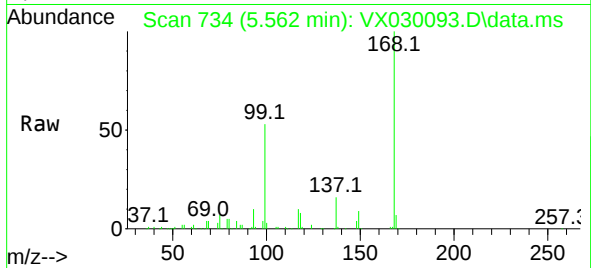




#31
Cyclohexane
Concen: 1.255 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX030093.D
Acq: 15 Jul 2022 15:51

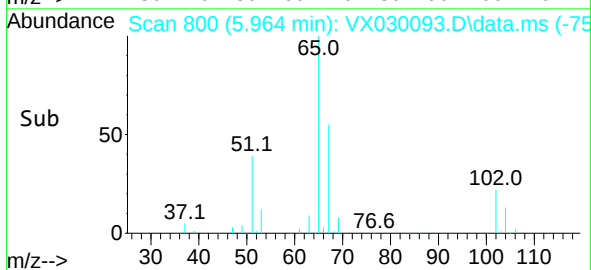
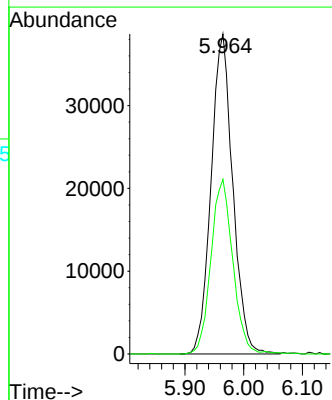
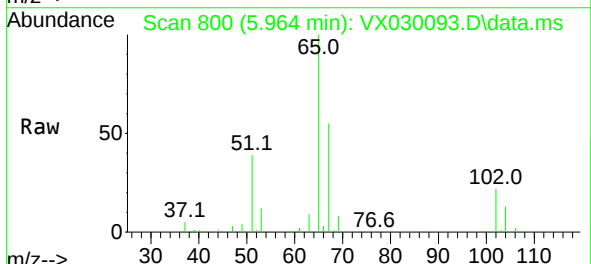
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

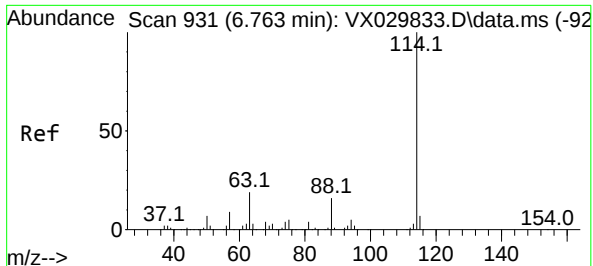
Tgt Ion: 56 Resp: 3594
Ion Ratio Lower Upper
56 100
69 151.5 25.4 38.0#
84 158.1 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 50.190 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030093.D
Acq: 15 Jul 2022 15:51

Tgt Ion: 65 Resp: 99115
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.6

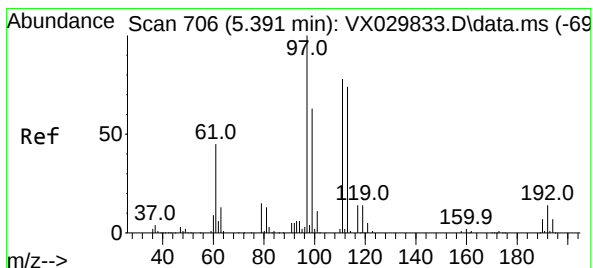
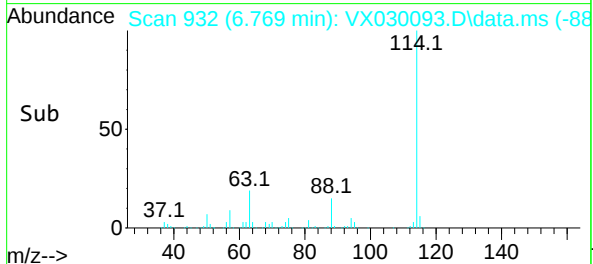
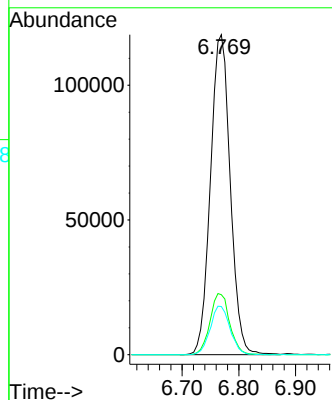
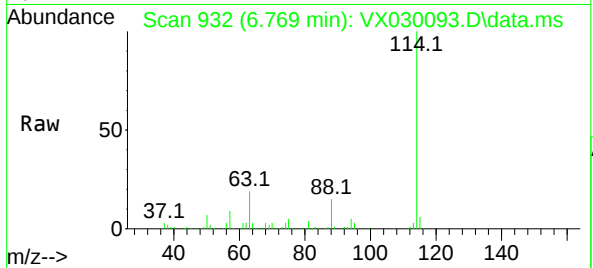




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX030093.D
Acq: 15 Jul 2022 15:51

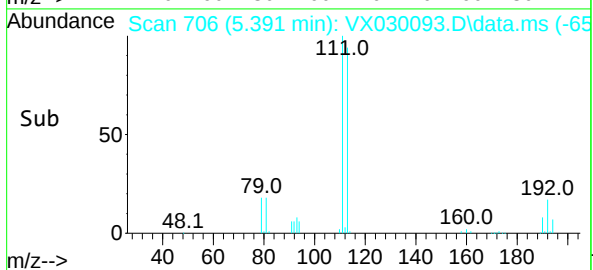
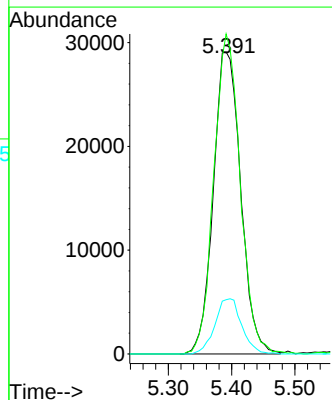
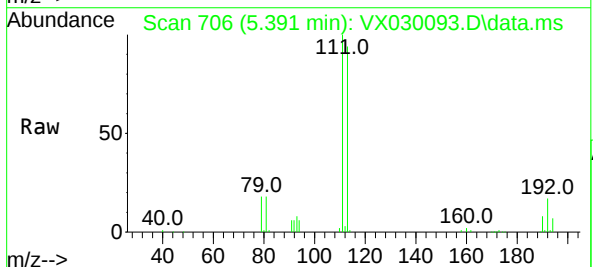
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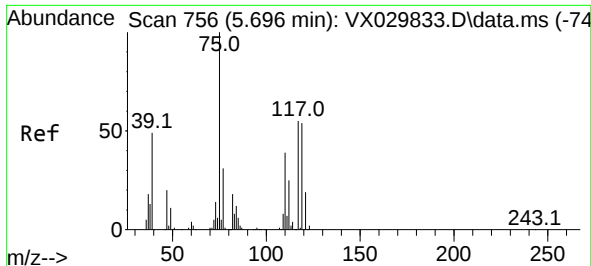
Tgt Ion:114 Resp: 287382
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.4
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.690 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030093.D
Acq: 15 Jul 2022 15:51

Tgt Ion:113 Resp: 87554
Ion Ratio Lower Upper
113 100
111 101.9 83.2 124.8
192 17.8 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.351 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX030093.D

Acq: 15 Jul 2022 15:51

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

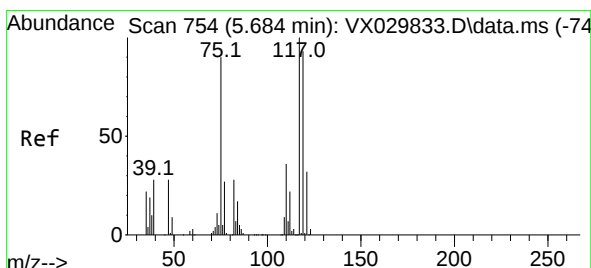
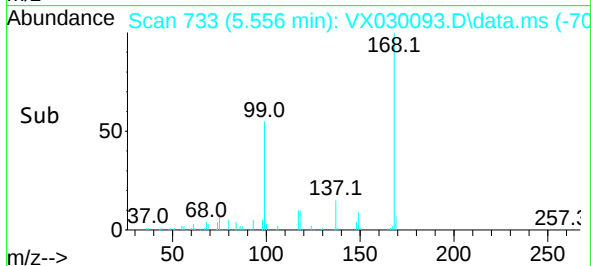
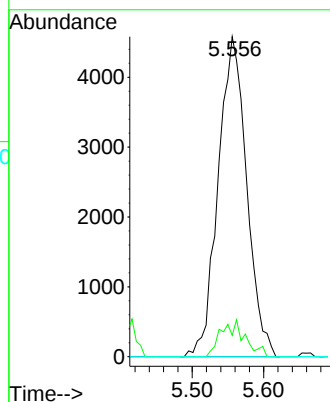
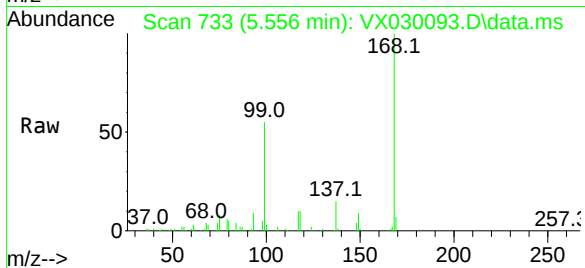
Tgt Ion: 75 Resp: 12689

Ion Ratio Lower Upper

75 100

110 9.7 19.3 57.9#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.998 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX030093.D

Acq: 15 Jul 2022 15:51

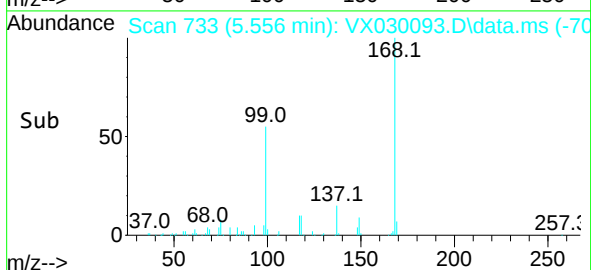
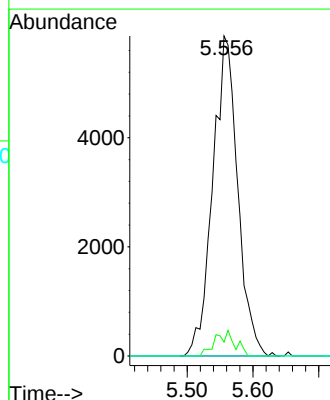
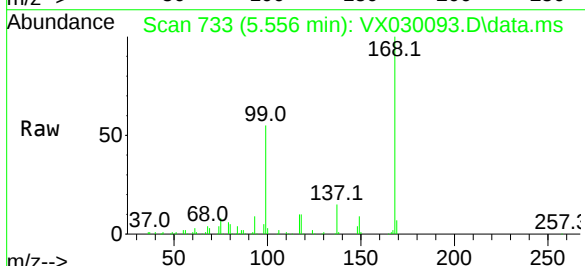
Tgt Ion: 117 Resp: 15475

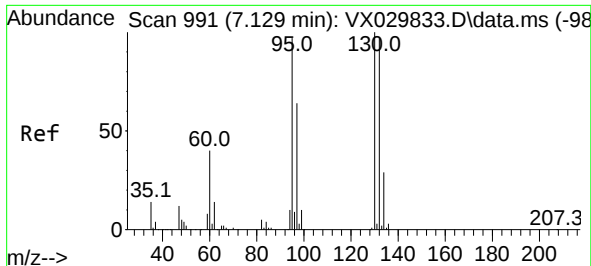
Ion Ratio Lower Upper

117 100

119 4.3 74.1 111.1#

121 0.0 25.8 38.8#

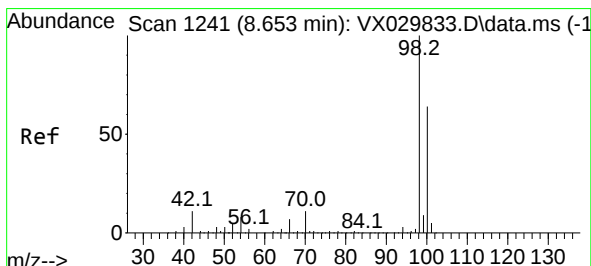
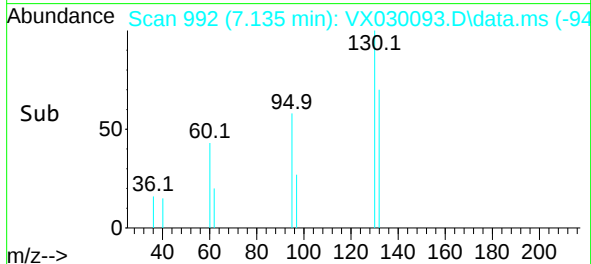
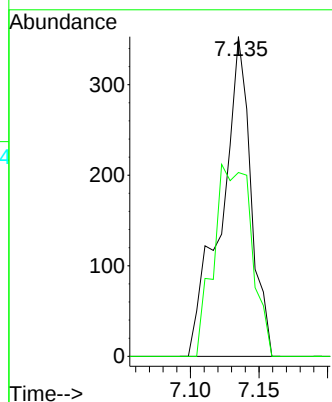
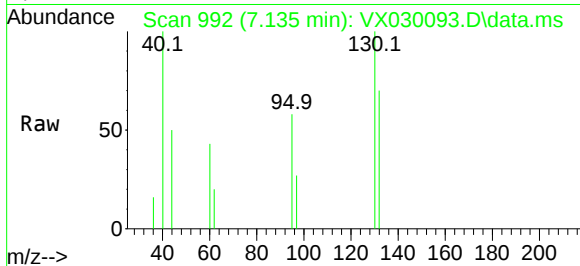




#44
Trichloroethene
Concen: 0.243 ug/l
RT: 7.135 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX030093.D
Acq: 15 Jul 2022 15:51

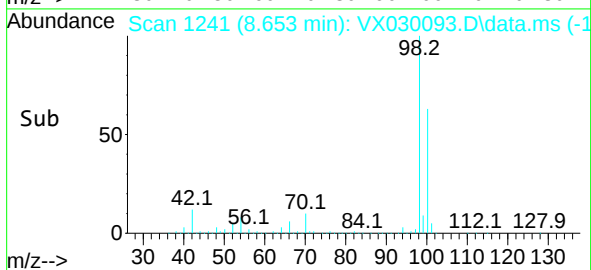
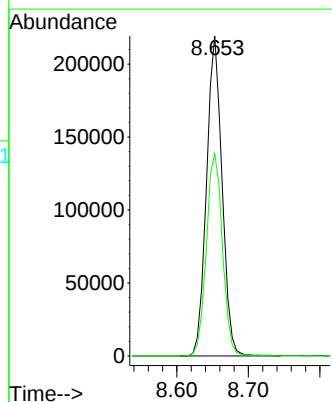
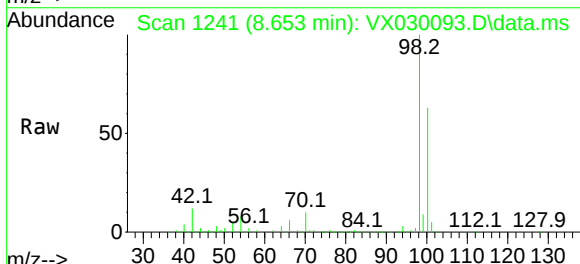
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

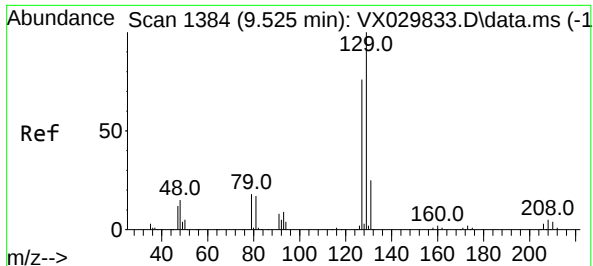
Tgt Ion:130 Resp: 530
Ion Ratio Lower Upper
130 100
95 57.5 0.0 194.8



#50
Toluene-d8
Concen: 47.839 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030093.D
Acq: 15 Jul 2022 15:51

Tgt Ion: 98 Resp: 330316
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5

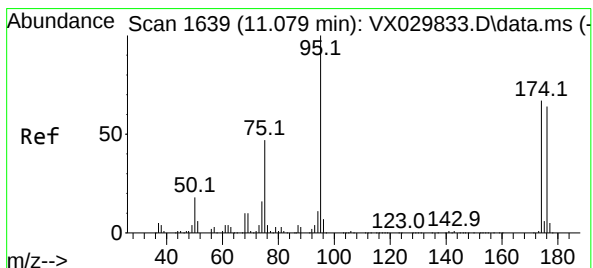
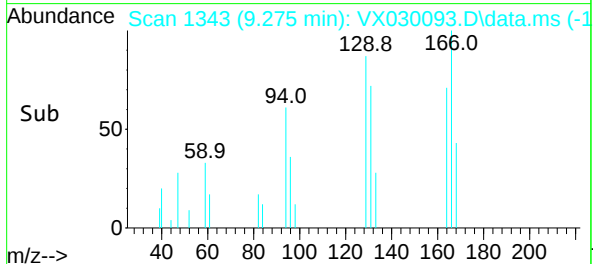
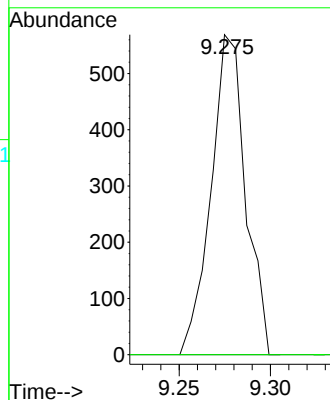
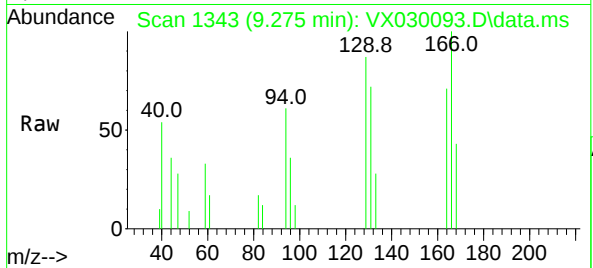




#60
Dibromochloromethane
Concen: 0.393 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX030093.D
Acq: 15 Jul 2022 15:51

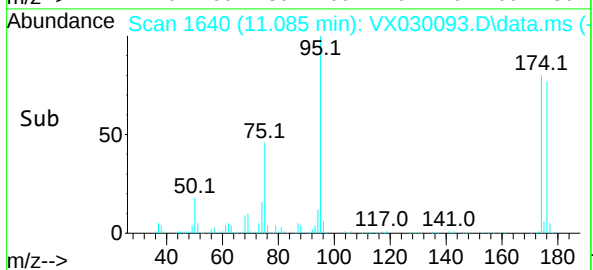
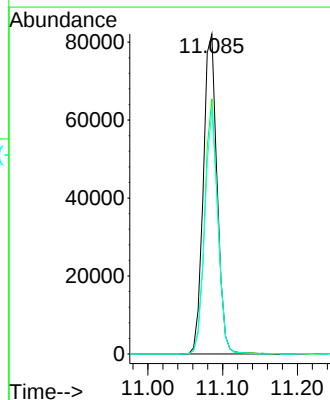
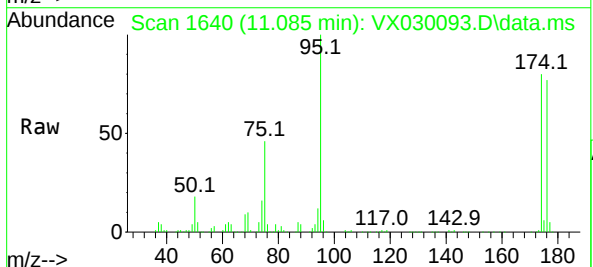
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

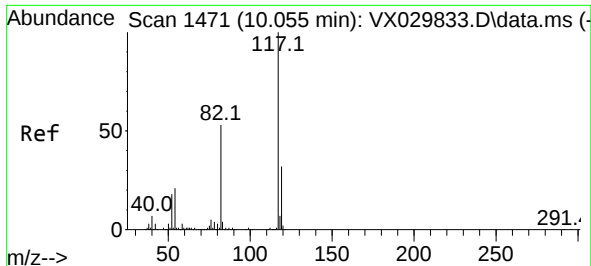
Tgt Ion:129 Resp: 749
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 43.848 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030093.D
Acq: 15 Jul 2022 15:51

Tgt Ion: 95 Resp: 105067
Ion Ratio Lower Upper
95 100
174 75.8 0.0 149.0
176 73.2 0.0 146.0

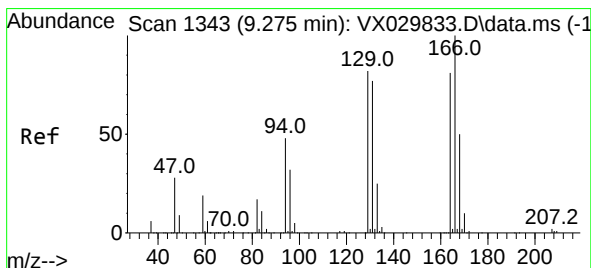
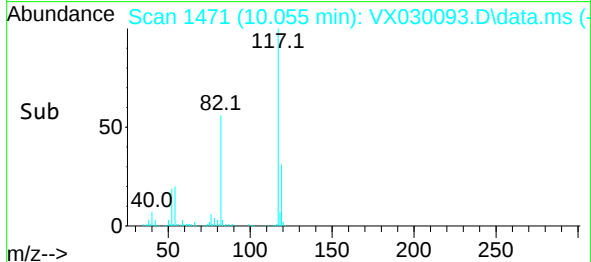
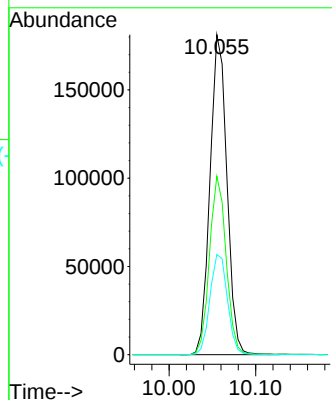
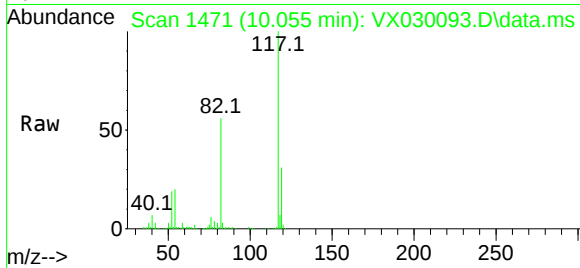




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030093.D
Acq: 15 Jul 2022 15:51

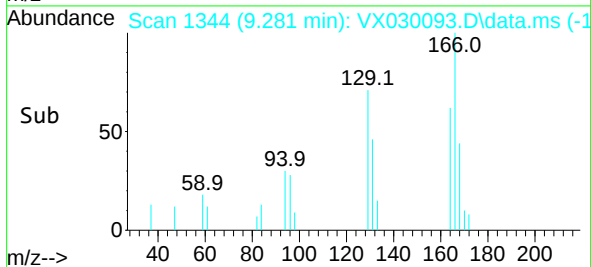
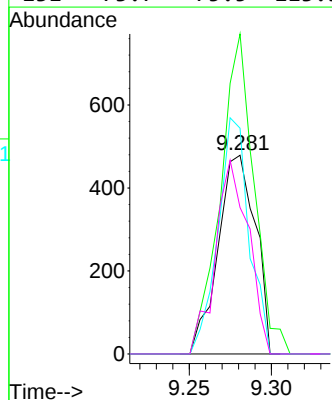
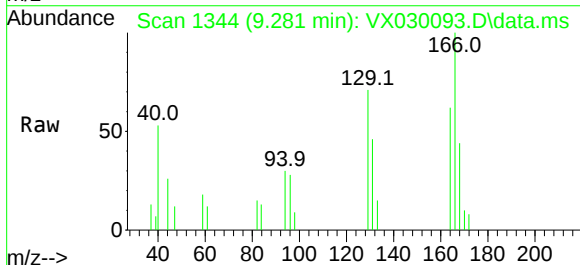
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-4

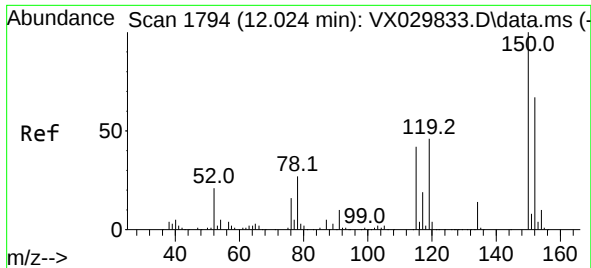
Tgt Ion:117 Resp: 245954
Ion Ratio Lower Upper
117 100
82 55.8 42.7 64.1
119 31.3 25.4 38.2



#64
Tetrachloroethene
Concen: 0.382 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030093.D
Acq: 15 Jul 2022 15:51

Tgt Ion:164 Resp: 754
Ion Ratio Lower Upper
164 100
166 161.0 98.2 147.4#
129 113.6 80.8 121.2
131 73.7 75.5 113.3#

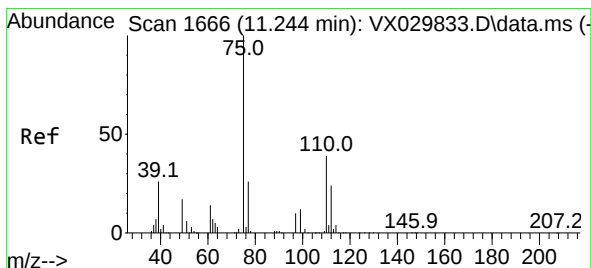
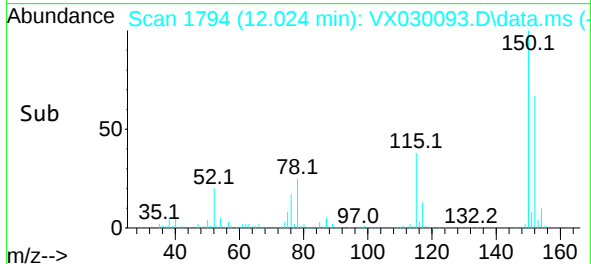
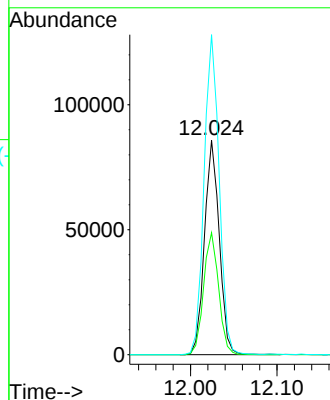
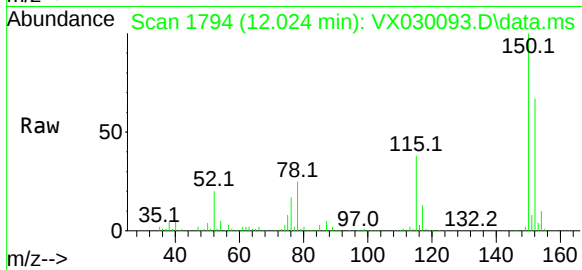




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030093.D
Acq: 15 Jul 2022 15:51

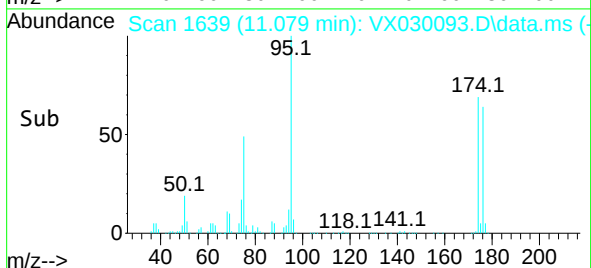
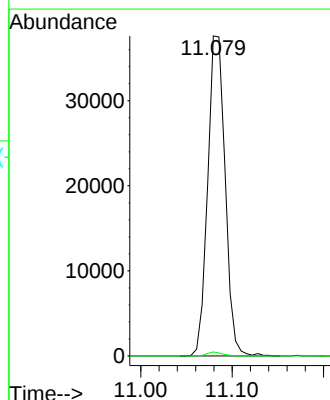
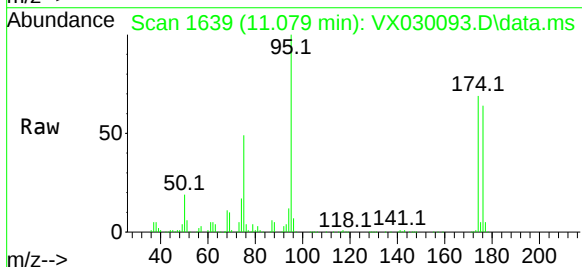
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

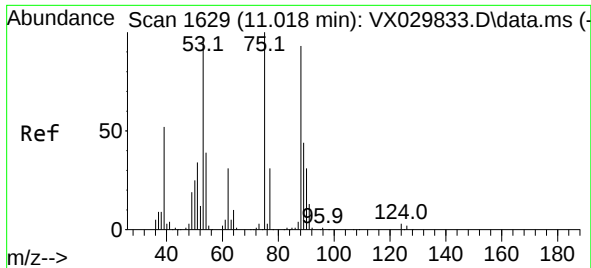
Tgt Ion:152 Resp: 101717
Ion Ratio Lower Upper
152 100
115 57.6 40.5 121.5
150 151.9 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 21.287 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX030093.D
Acq: 15 Jul 2022 15:51

Tgt Ion: 75 Resp: 49784
Ion Ratio Lower Upper
75 100
77 1.1 19.8 59.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 61.434 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX030093.D
Acq: 15 Jul 2022 15:51

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

Tgt Ion: 75 Resp: 49784
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.0 34.8 52.2#

