

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101322\
 Data File : VX032117.D
 Acq On : 13 Oct 2022 17:46
 Operator : JC/MD
 Sample : N5073-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Oct 14 07:53:18 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)

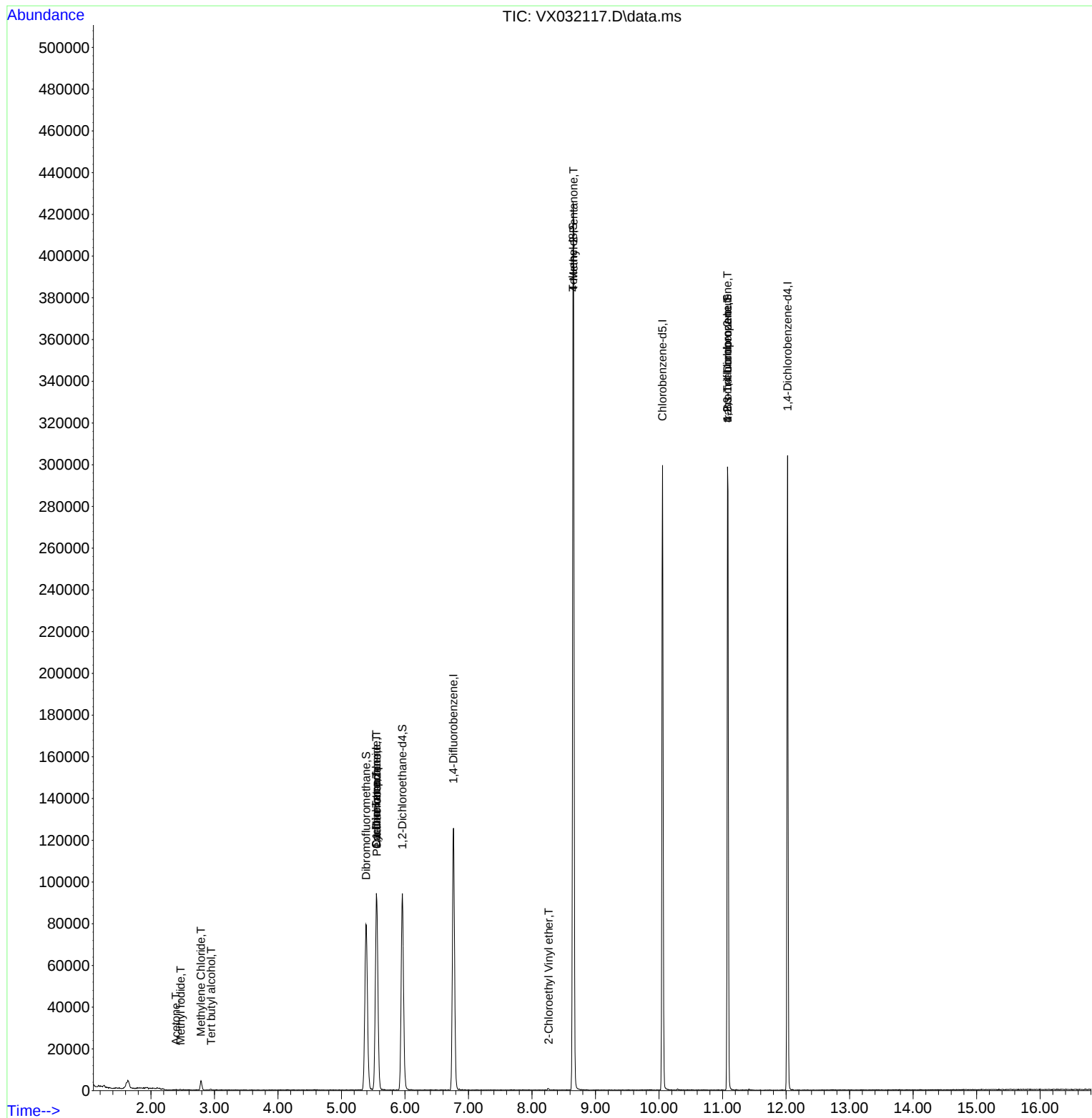
Internal Standards						
1) Pentafluorobenzene	5.556	168	83192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	123941	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91496	53.254	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.500%	
35) Dibromofluoromethane	5.385	113	66485	47.390	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.780%	
50) Toluene-d8	8.647	98	250740	49.669	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.340%	
62) 4-Bromofluorobenzene	11.079	95	78717	44.107	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.220%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	431	Below Cal	#	51
10) Methyl Iodide	2.465	142	238	2.916	ug/l #	90
11) Tert butyl alcohol	2.946	59	179	0.837	ug/l #	73
16) Acetone	2.392	43	120	0.206	ug/l #	45
20) Methylene Chloride	2.788	84	2003	1.305	ug/l	92
31) Cyclohexane	5.550	56	2086	1.016	ug/l #	22
36) 1,1-Dichloropropene	5.550	75	7365	3.959	ug/l #	51
38) Carbon Tetrachloride	5.550	117	8888	4.672	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1271	0.722	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.263	63	424	0.426	ug/l #	89
76) 1,2,3-Trichloropropane	11.079	75	41416	33.779	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	41416	114.843	ug/l #	11

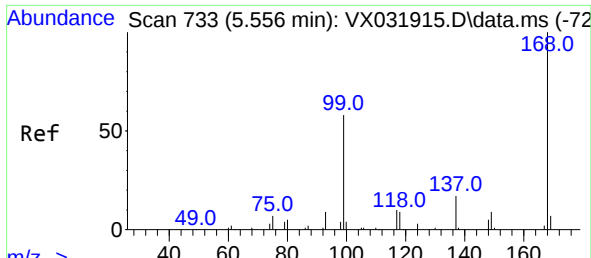
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

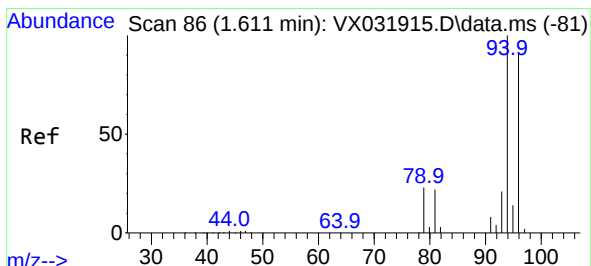
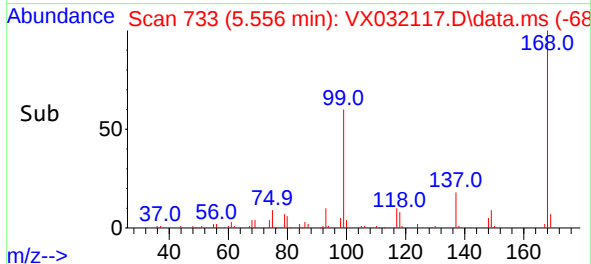
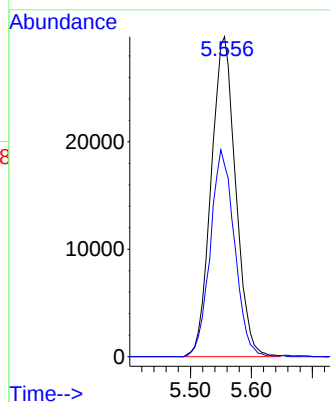
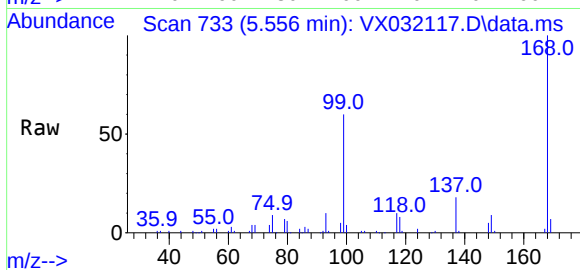




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032117.D
Acq: 13 Oct 2022 17:46

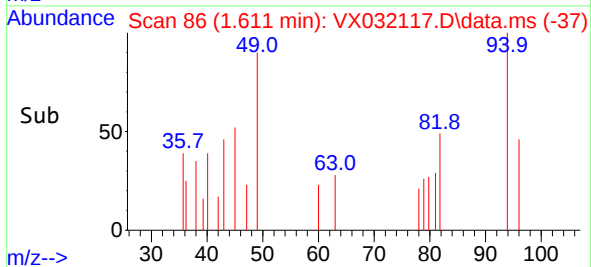
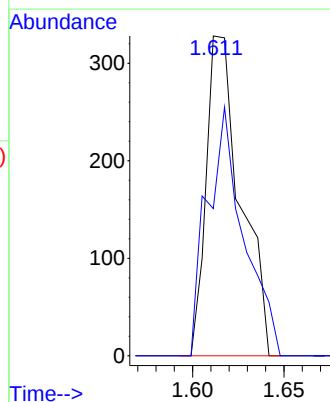
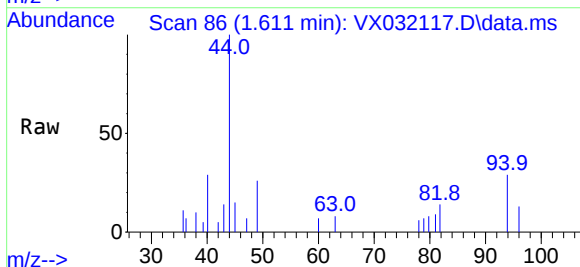
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

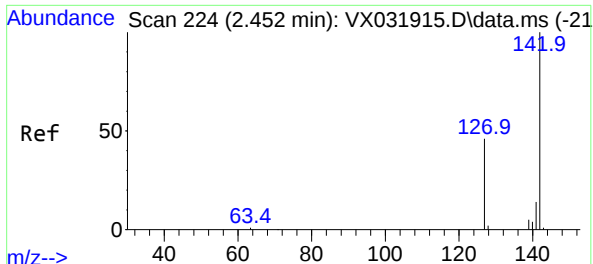
Tgt Ion:168 Resp: 83192
Ion Ratio Lower Upper
168 100
99 59.9 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX032117.D
Acq: 13 Oct 2022 17:46

Tgt Ion: 94 Resp: 431
Ion Ratio Lower Upper
94 100
96 46.0 74.4 111.6#

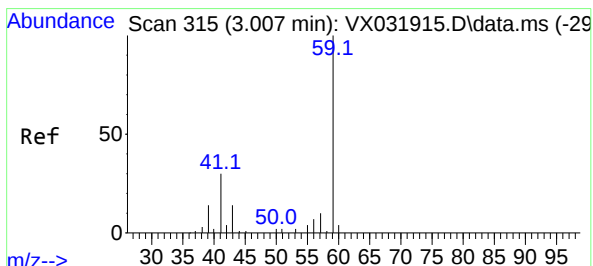
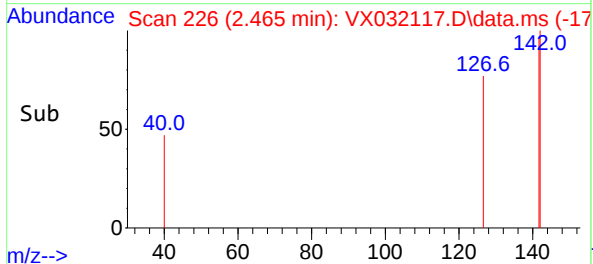
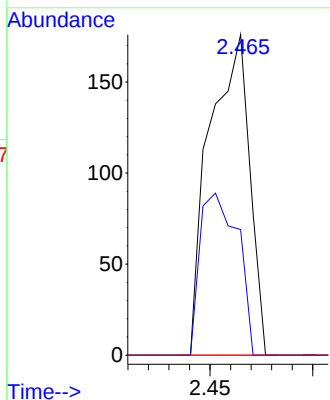
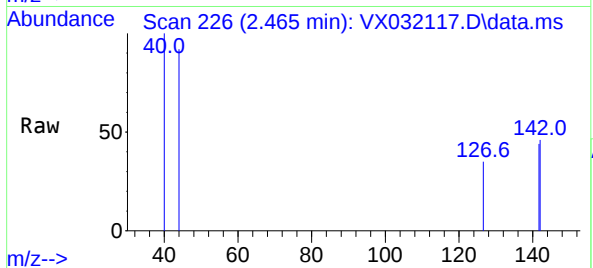




#10
Methyl Iodide
Concen: 2.916 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX032117.D
Acq: 13 Oct 2022 17:46

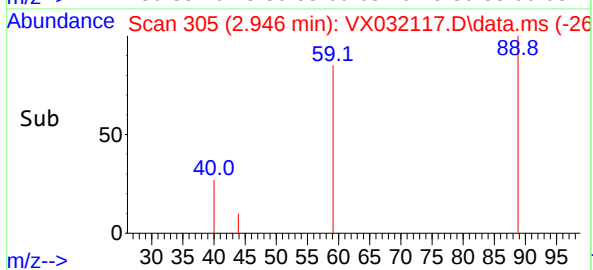
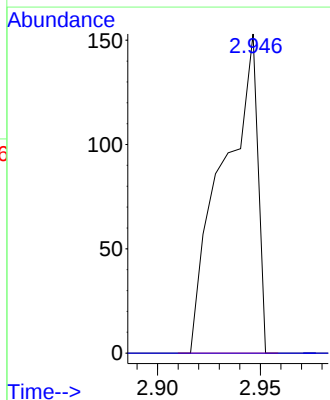
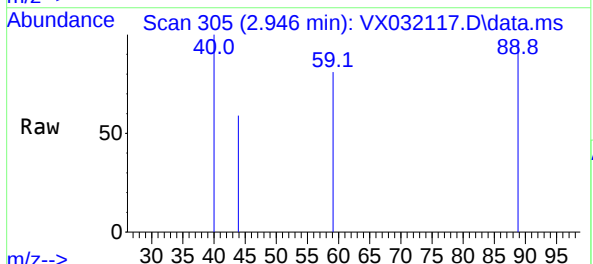
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

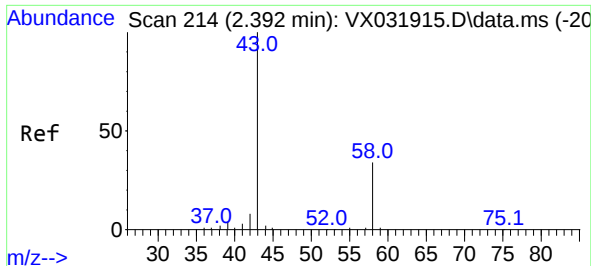
Tgt Ion:142 Resp: 238
Ion Ratio Lower Upper
142 100
127 47.9 37.4 56.0
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 0.837 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.061 min
Lab File: VX032117.D
Acq: 13 Oct 2022 17:46

Tgt Ion: 59 Resp: 179
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

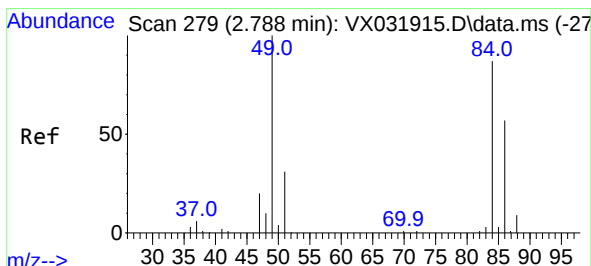
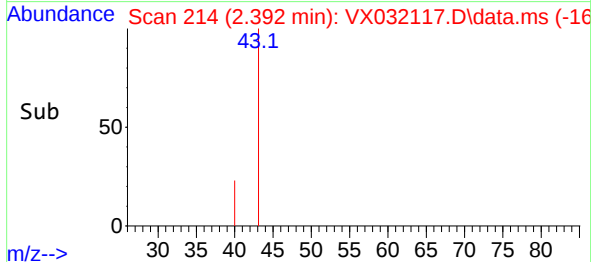
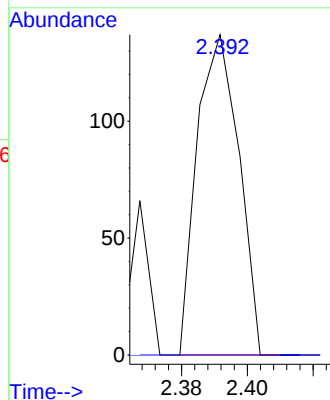
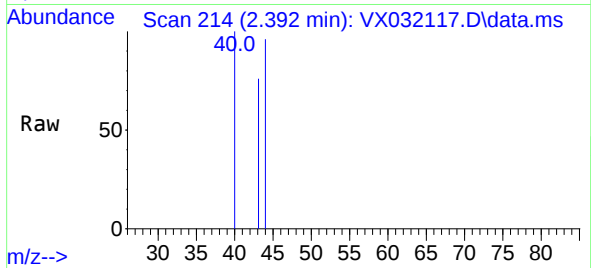




#16
Acetone
Concen: 0.206 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX032117.D
Acq: 13 Oct 2022 17:46

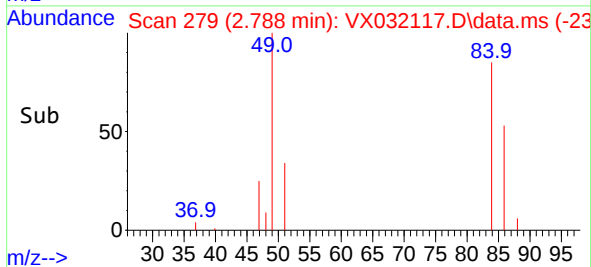
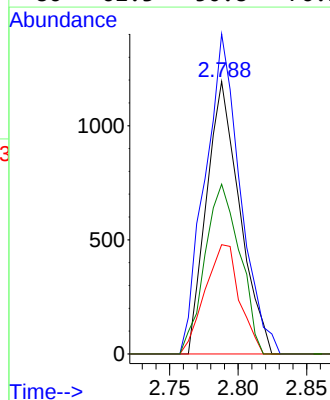
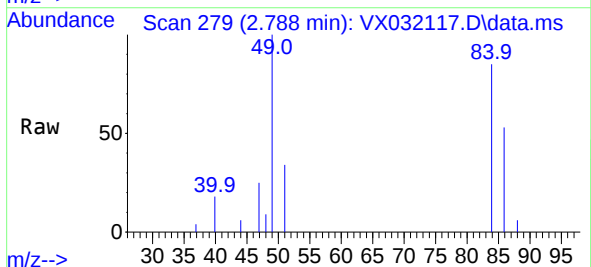
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-4

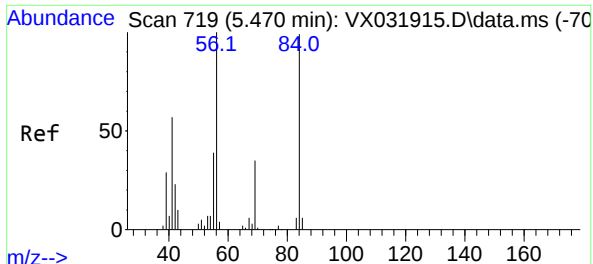
Tgt Ion: 43 Resp: 120
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: 1.305 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032117.D
Acq: 13 Oct 2022 17:46

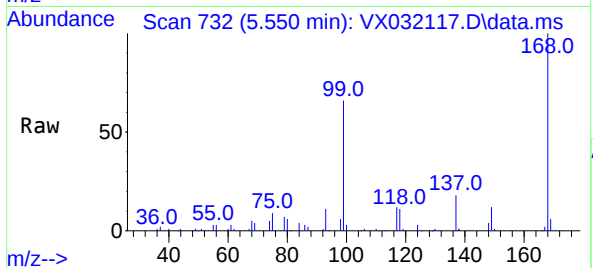
Tgt Ion: 84 Resp: 2003
Ion Ratio Lower Upper
84 100
49 117.4 105.9 158.9
51 40.1 32.2 48.2
86 62.3 50.8 76.2



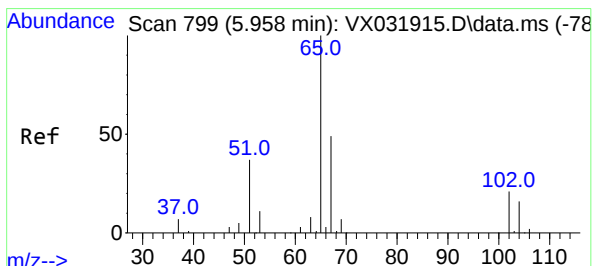
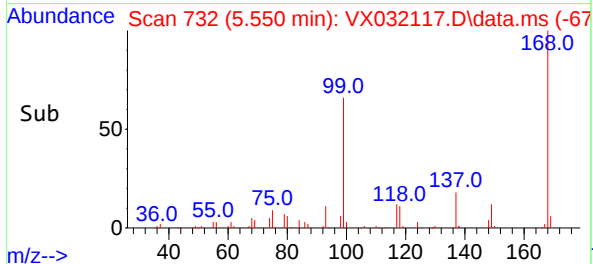
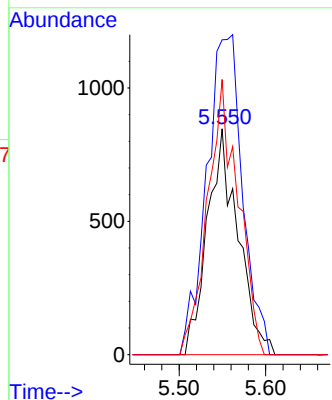


#31
Cyclohexane
Concen: 1.016 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX032117.D
Acq: 13 Oct 2022 17:46

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

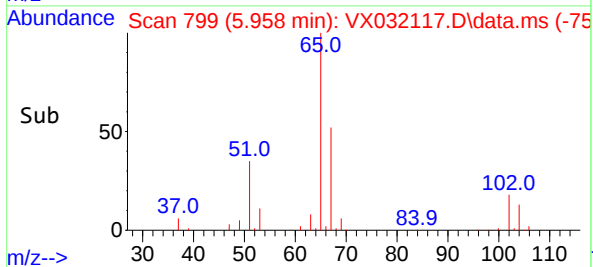
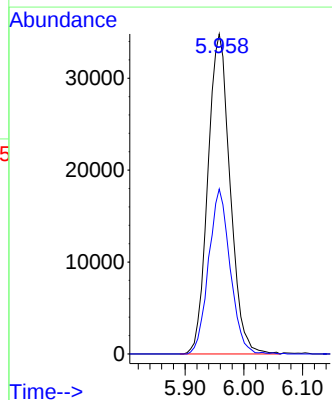
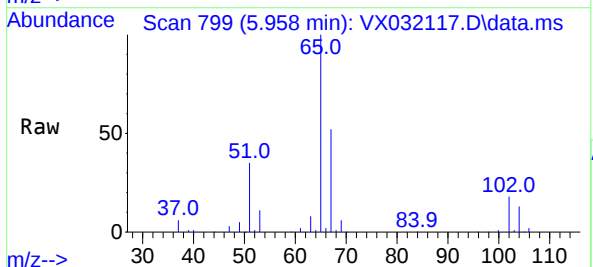


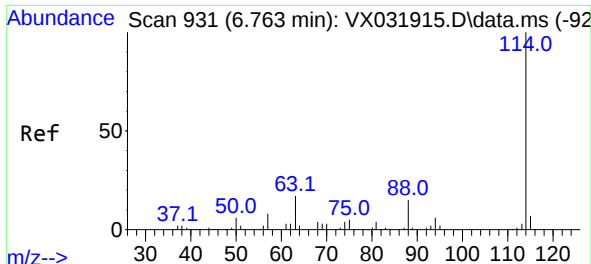
Tgt Ion: 56 Resp: 2086
Ion Ratio Lower Upper
56 100
69 139.4 25.1 37.7#
84 121.8 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 53.254 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032117.D
Acq: 13 Oct 2022 17:46

Tgt Ion: 65 Resp: 91496
Ion Ratio Lower Upper
65 100
67 49.9 0.0 102.4

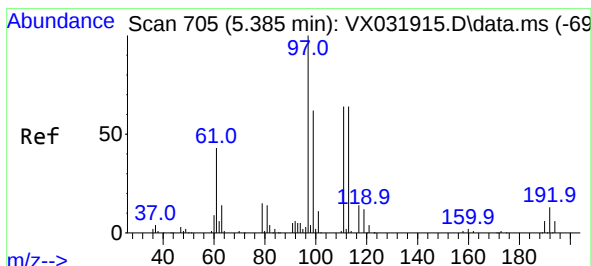
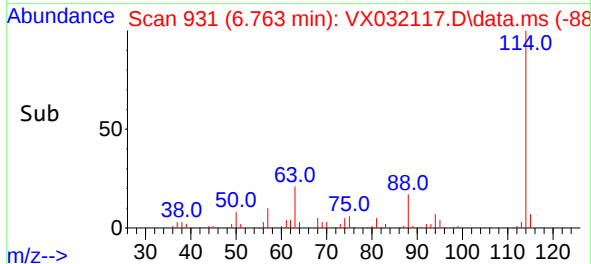
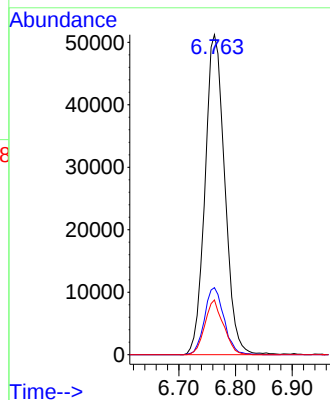
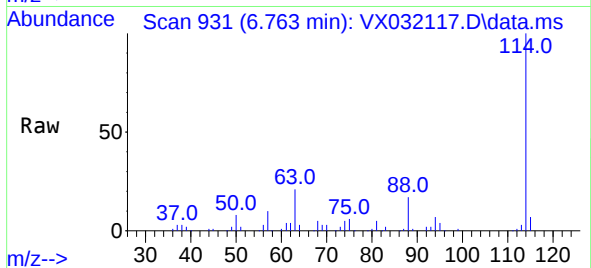




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX032117.D
Acq: 13 Oct 2022 17:46

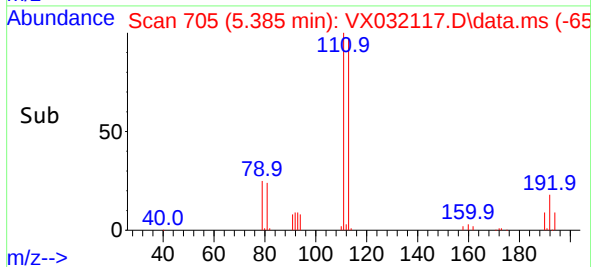
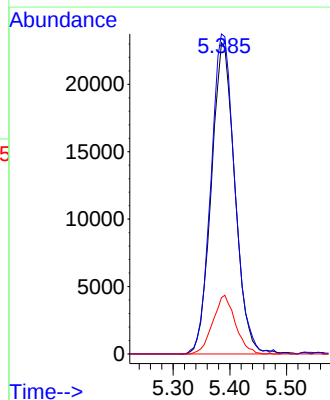
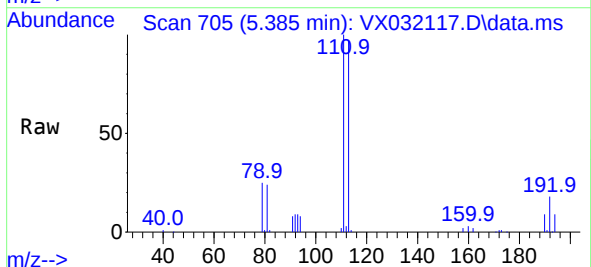
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

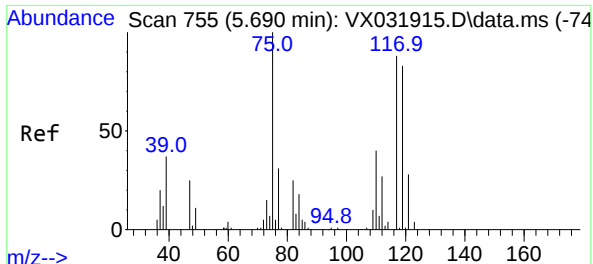
Tgt Ion:114 Resp: 123941
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.6
88 17.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.390 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032117.D
Acq: 13 Oct 2022 17:46

Tgt Ion:113 Resp: 66485
Ion Ratio Lower Upper
113 100
111 104.2 82.4 123.6
192 18.1 14.1 21.1

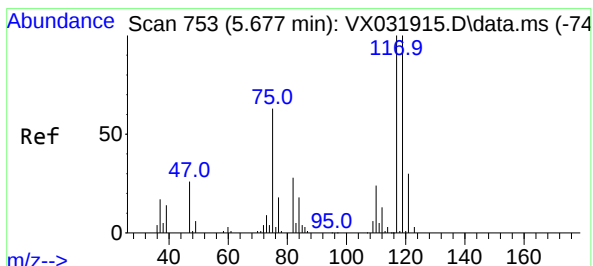
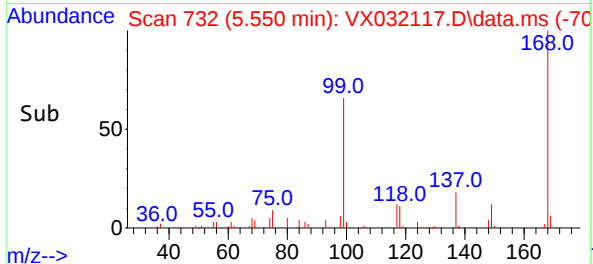
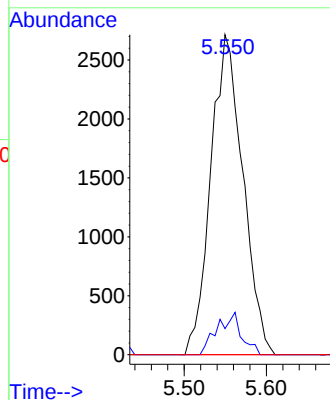
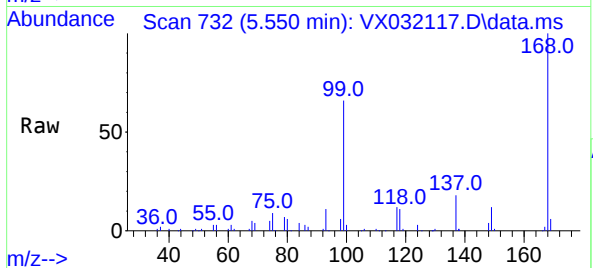




#36
1,1-Dichloropropene
Concen: 3.959 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX032117.D
Acq: 13 Oct 2022 17:46

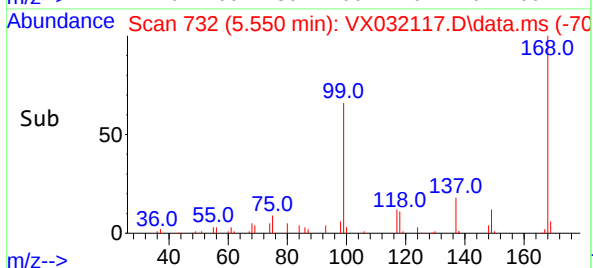
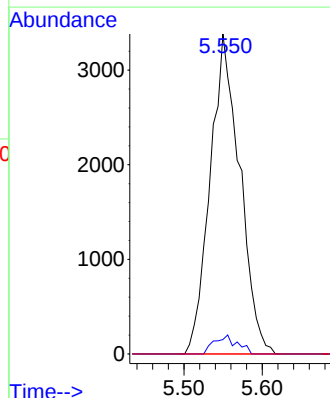
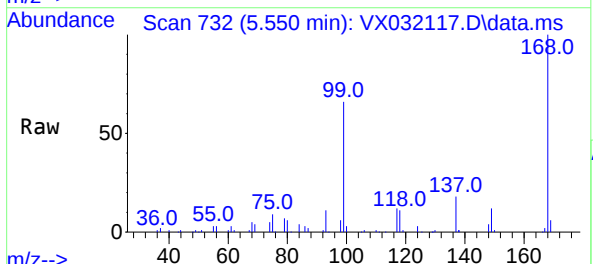
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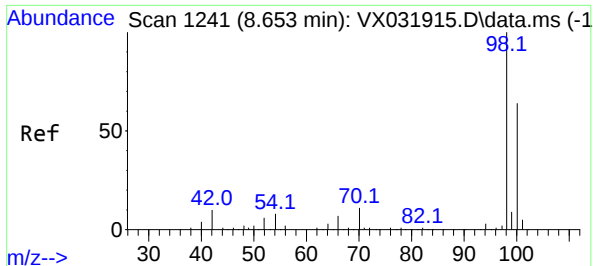
Tgt Ion: 75 Resp: 7365
Ion Ratio Lower Upper
75 100
110 10.0 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.672 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX032117.D
Acq: 13 Oct 2022 17:46

Tgt Ion: 117 Resp: 8888
Ion Ratio Lower Upper
117 100
119 4.5 74.6 112.0#
121 0.0 25.3 37.9#

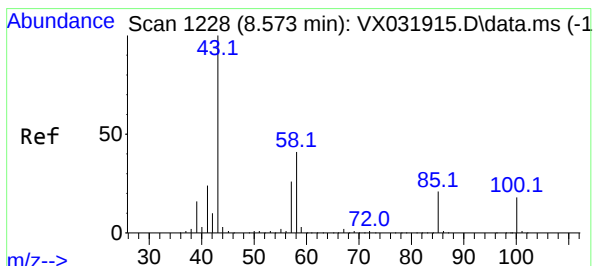
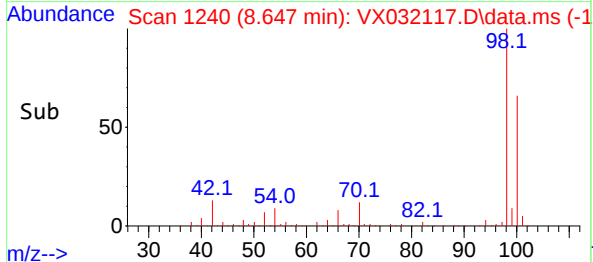
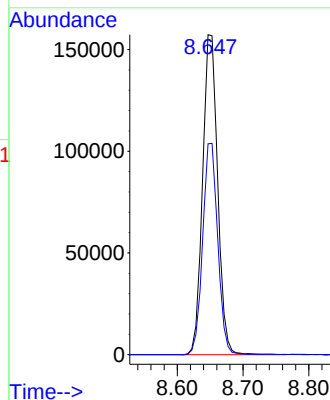
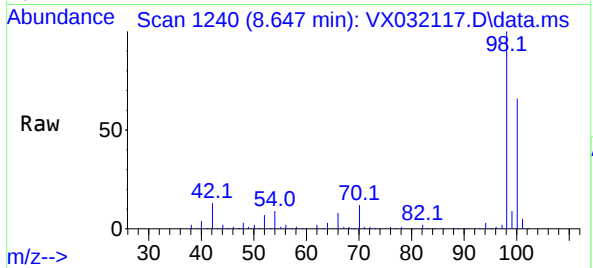




#50
Toluene-d8
Concen: 49.669 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032117.D
Acq: 13 Oct 2022 17:46

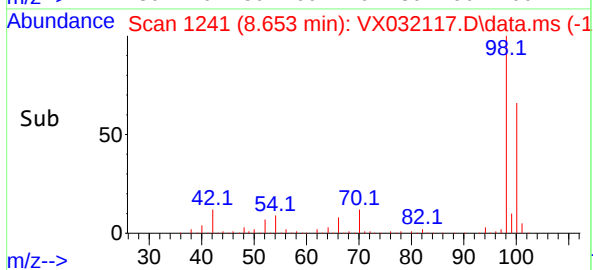
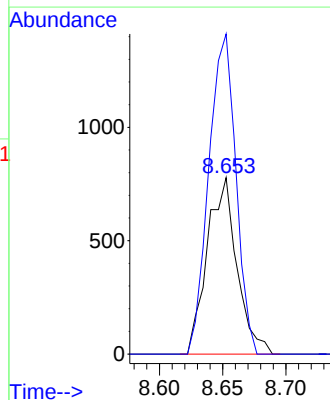
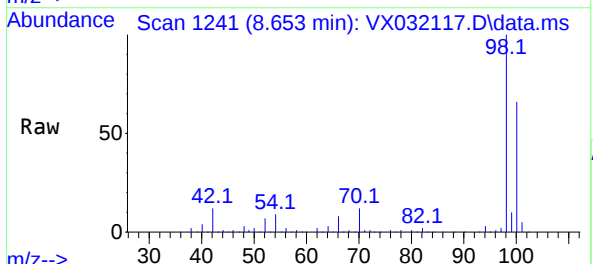
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

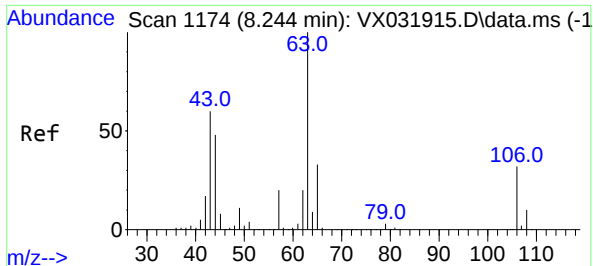
Tgt Ion: 98 Resp: 250740
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.722 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.080 min
Lab File: VX032117.D
Acq: 13 Oct 2022 17:46

Tgt Ion: 43 Resp: 1271
Ion Ratio Lower Upper
43 100
58 165.7 30.6 46.0#

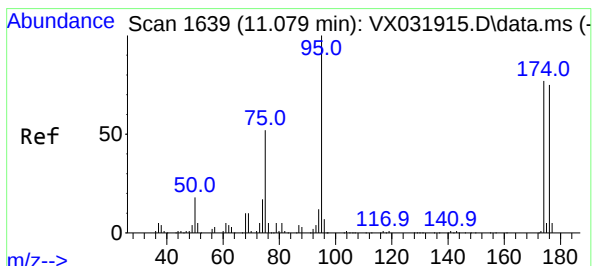
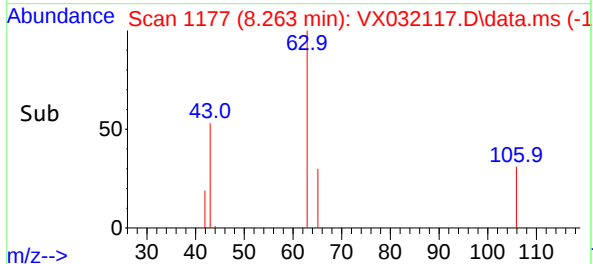
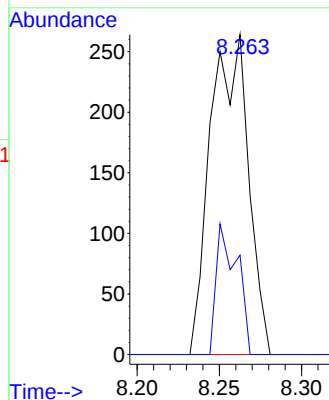
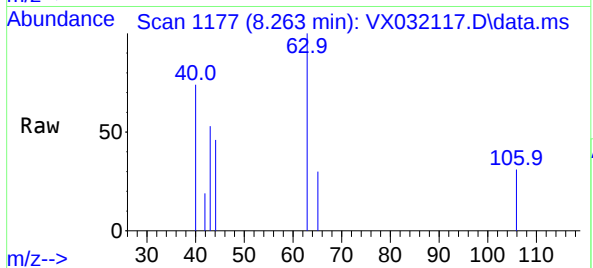




#58
2-Chloroethyl Vinyl ether
Concen: 0.426 ug/l
RT: 8.263 min Scan# 1177
Delta R.T. 0.019 min
Lab File: VX032117.D
Acq: 13 Oct 2022 17:46

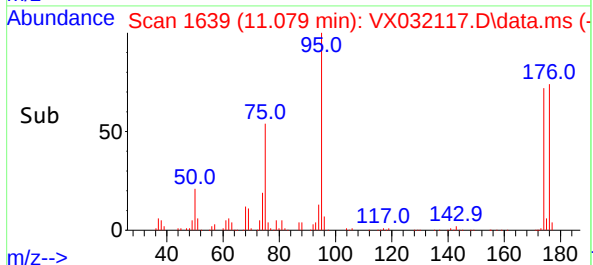
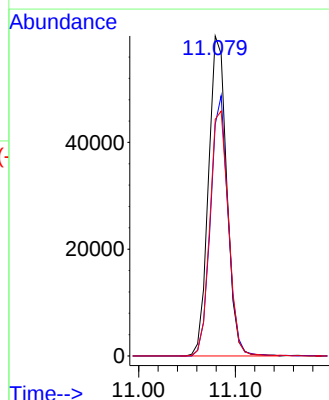
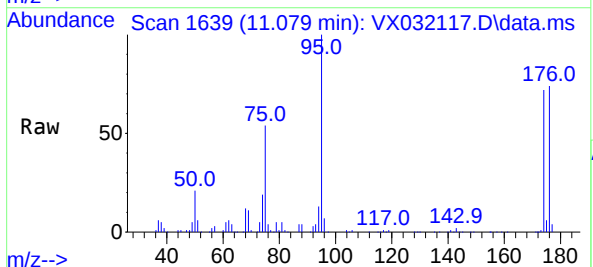
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

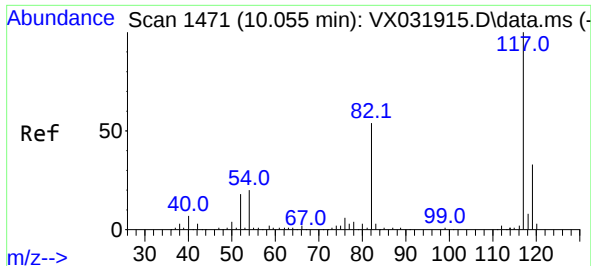
Tgt Ion: 63 Resp: 424
Ion Ratio Lower Upper
63 100
106 22.4 22.6 34.0#



#62
4-Bromofluorobenzene
Concen: 44.107 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032117.D
Acq: 13 Oct 2022 17:46

Tgt Ion: 95 Resp: 78717
Ion Ratio Lower Upper
95 100
174 78.0 0.0 153.2
176 78.1 0.0 144.0

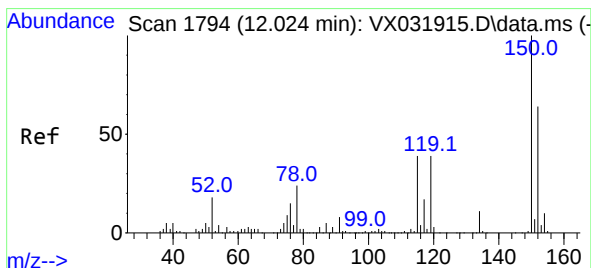
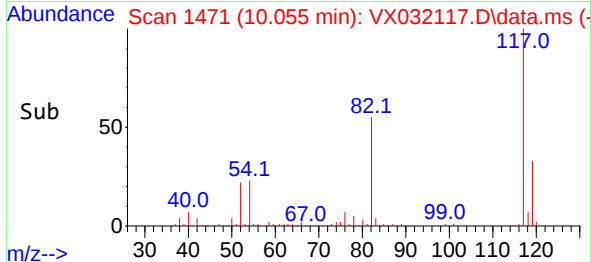
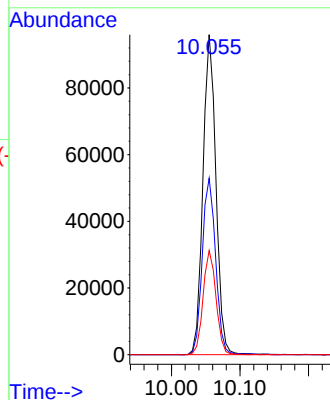
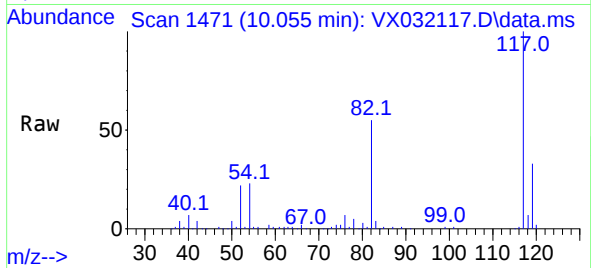




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032117.D
Acq: 13 Oct 2022 17:46

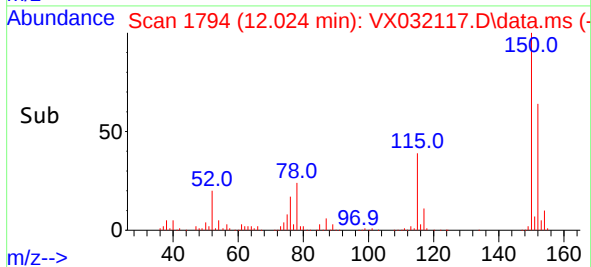
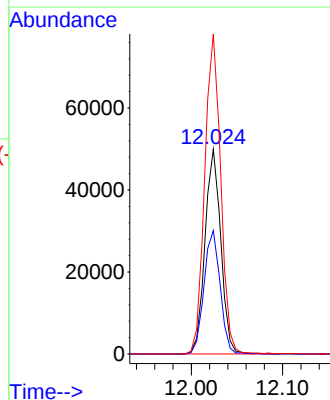
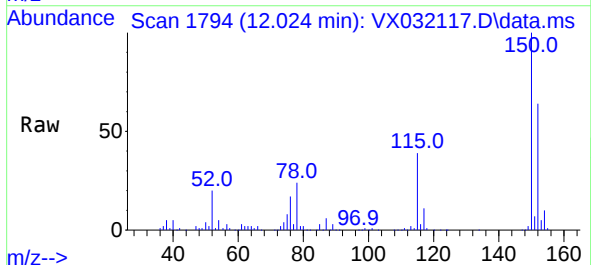
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

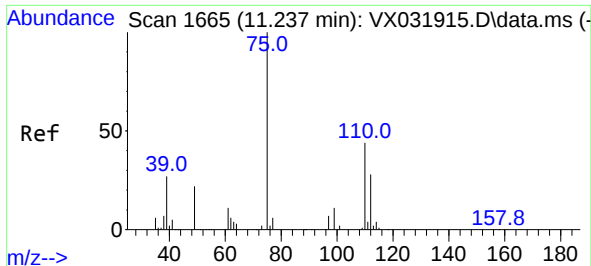
Tgt Ion:117 Resp: 126844
Ion Ratio Lower Upper
117 100
82 55.1 46.8 70.2
119 32.6 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032117.D
Acq: 13 Oct 2022 17:46

Tgt Ion:152 Resp: 59824
Ion Ratio Lower Upper
152 100
115 61.4 43.4 130.1
150 158.3 0.0 346.8

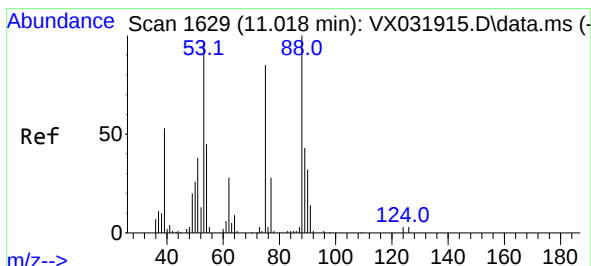
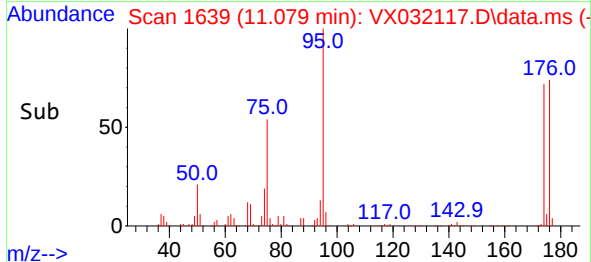
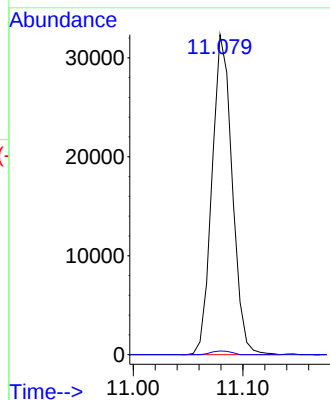
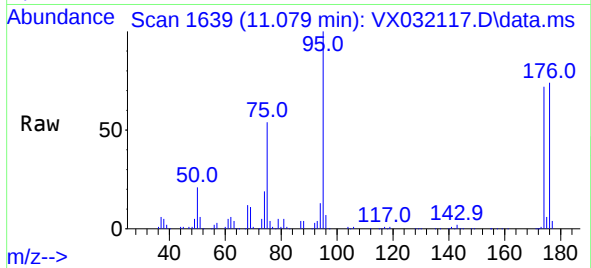




#76
1,2,3-Trichloropropane
Concen: 33.779 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032117.D
Acq: 13 Oct 2022 17:46

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

Tgt Ion: 75 Resp: 41416
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.843 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032117.D
Acq: 13 Oct 2022 17:46

Tgt Ion: 75 Resp: 41416
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

