

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031608.D
 Acq On : 23 Sep 2022 07:14
 Operator : JC/MD
 Sample : N4691-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

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

Quant Time: Sep 23 09:20:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

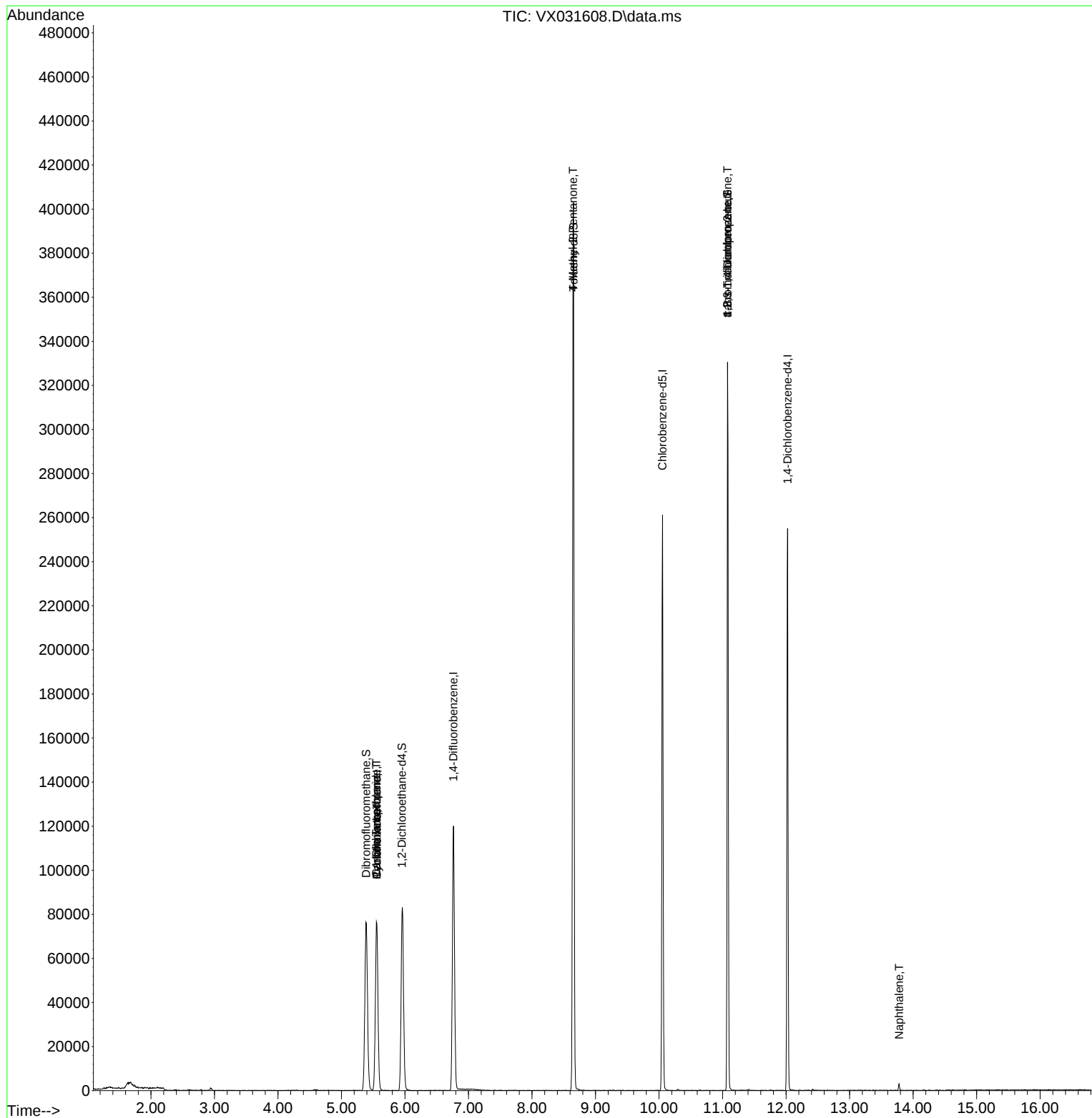
Internal Standards						
1) Pentafluorobenzene	5.556	168	73954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	121958	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74266	54.758	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.520%			
35) Dibromofluoromethane	5.385	113	62347	49.452	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.900%			
50) Toluene-d8	8.653	98	238284	49.040	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.080%			
62) 4-Bromofluorobenzene	11.079	95	72693	44.167	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.340%			
Target Compounds						
					Qvalue	
6) Chloroethane	1.684	64	182	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	636	Below Cal	#	73
16) Acetone	2.392	43	277	Below Cal	#	45
20) Methylene Chloride	2.788	84	125	Below Cal	#	63
31) Cyclohexane	5.556	56	1861	0.925	ug/l #	52
36) 1,1-Dichloropropene	5.550	75	5705	2.943	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7231	3.365	ug/l #	21
51) 4-Methyl-2-Pentanone	8.647	43	1212	0.530	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.085	83	89	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.079	75	41813	36.361	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	41813	117.077	ug/l #	11
95) Naphthalene	13.780	128	2107	0.570	ug/l #	94

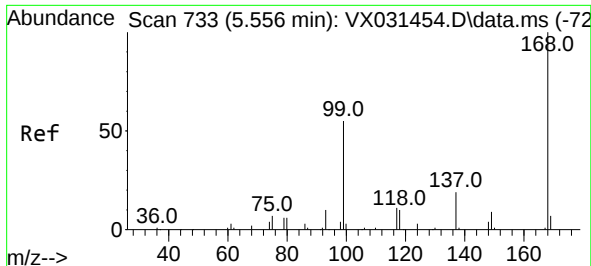
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031608.D
Acq On : 23 Sep 2022 07:14
Operator : JC/MD
Sample : N4691-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

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

Quant Time: Sep 23 09:20:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration

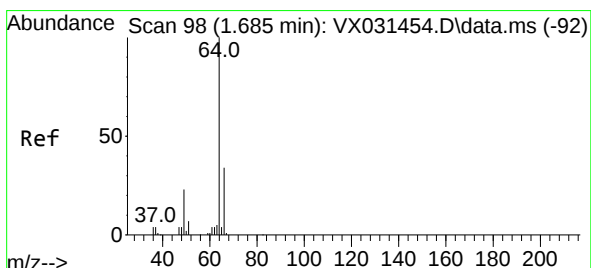
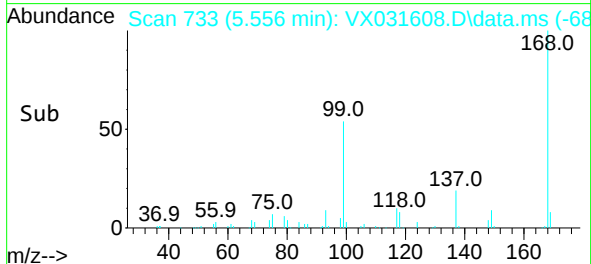
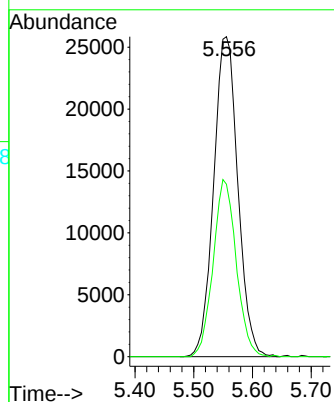
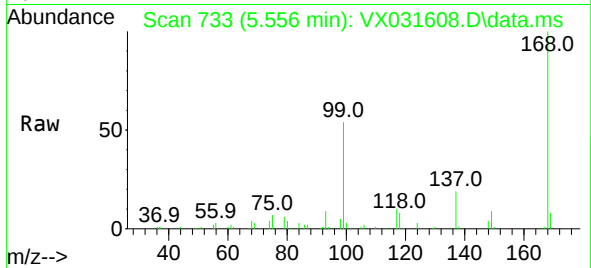




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031608.D
Acq: 23 Sep 2022 07:14

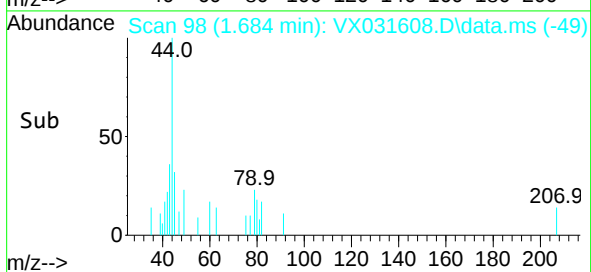
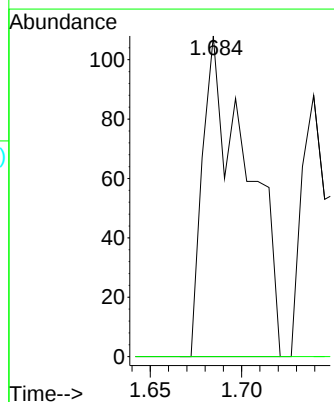
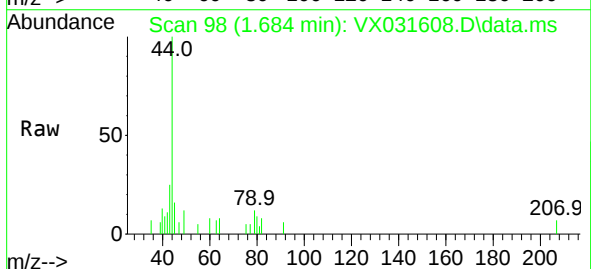
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

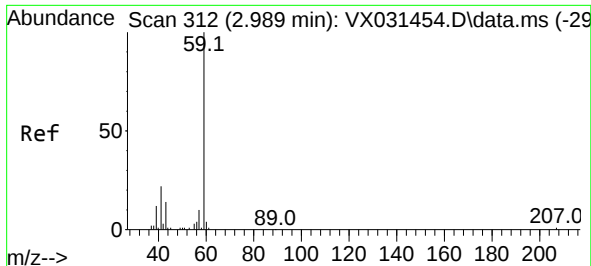
Tgt Ion:168 Resp: 73954
Ion Ratio Lower Upper
168 100
99 53.9 48.8 73.2



#6
Chloroethane
Concen: Below Cal
RT: 1.684 min Scan# 98
Delta R.T. -0.001 min
Lab File: VX031608.D
Acq: 23 Sep 2022 07:14

Tgt Ion: 64 Resp: 182
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 306

Delta R.T. -0.036 min

Lab File: VX031608.D

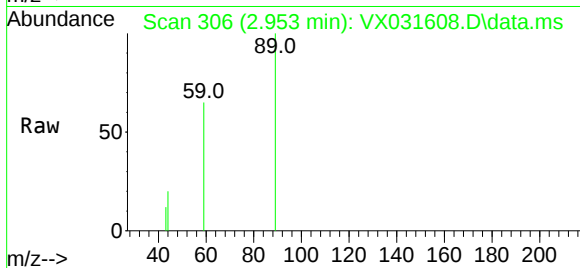
Acq: 23 Sep 2022 07:14

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

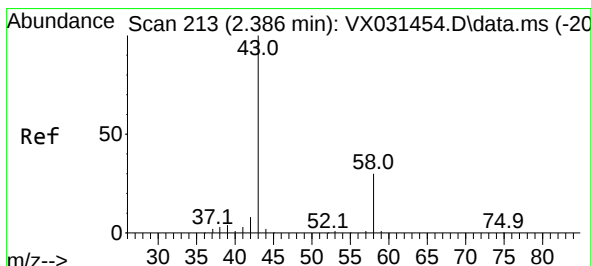
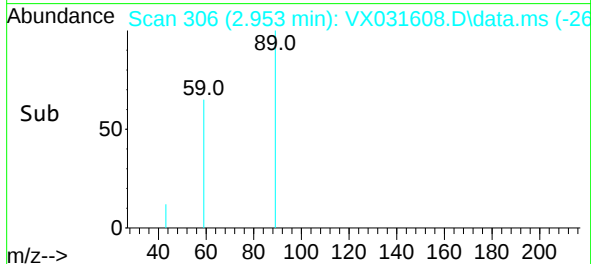
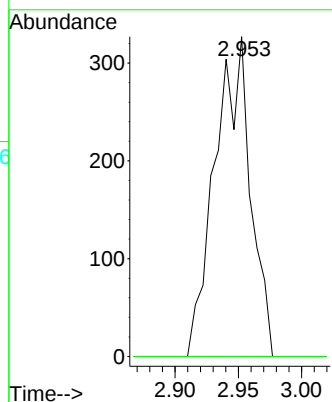


Tgt Ion: 59 Resp: 636

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: Below Cal

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX031608.D

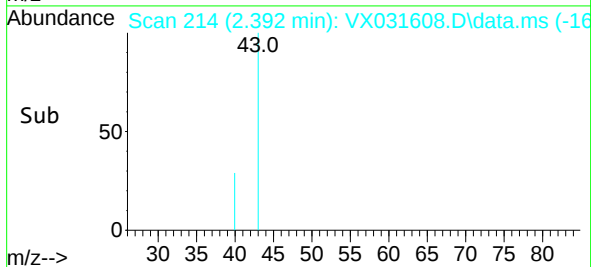
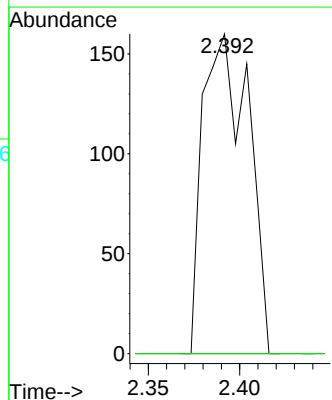
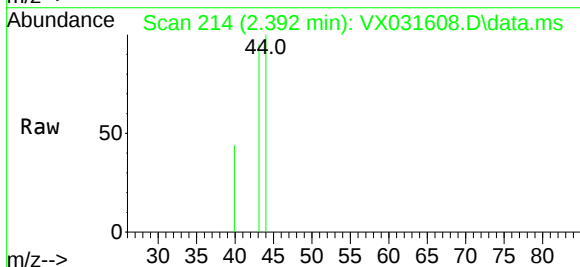
Acq: 23 Sep 2022 07:14

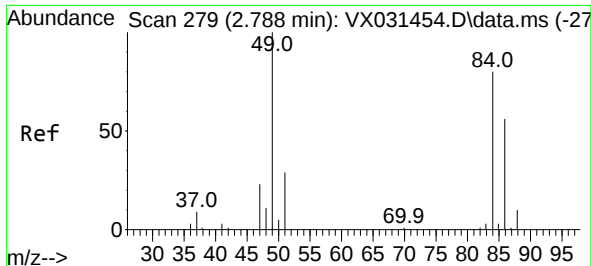
Tgt Ion: 43 Resp: 277

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#

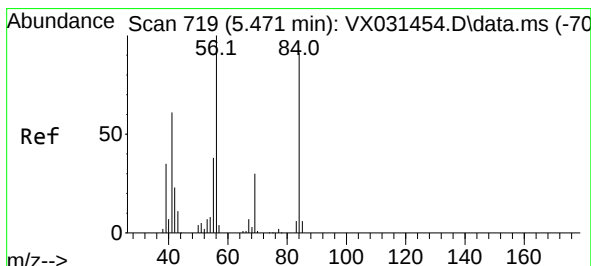
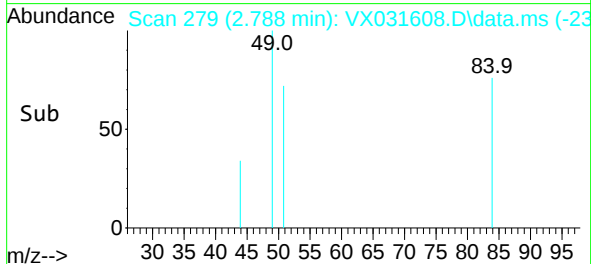
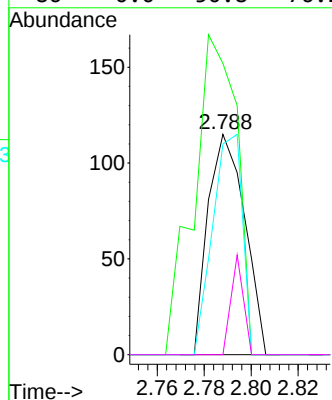
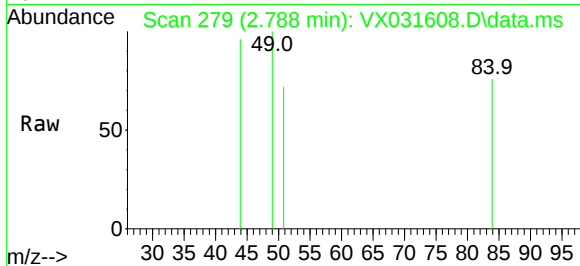




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031608.D
Acq: 23 Sep 2022 07:14

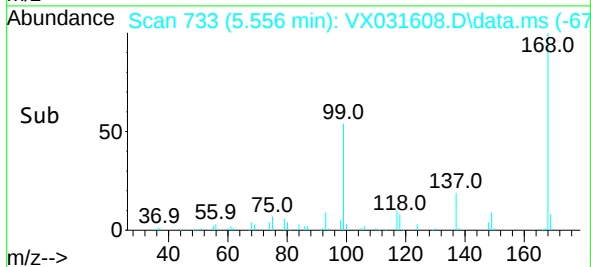
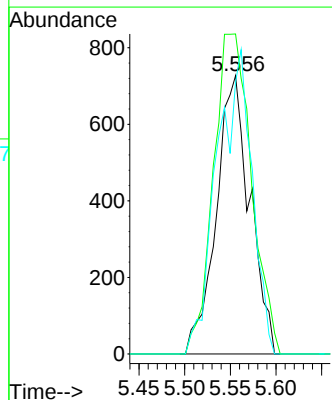
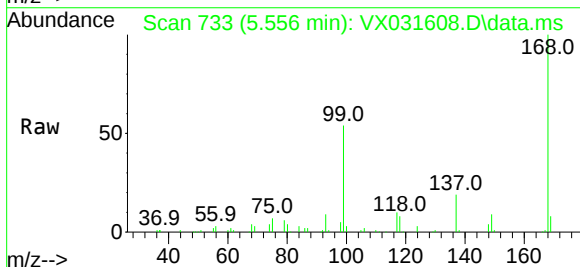
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

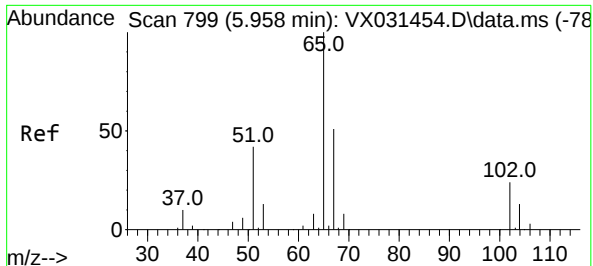
Tgt Ion:	84	Resp:	125
Ion	Ratio	Lower	Upper
84	100		
49	132.2	105.9	158.9
51	95.7	32.2	48.2#
86	0.0	50.8	76.2#



#31
Cyclohexane
Concen: 0.925 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX031608.D
Acq: 23 Sep 2022 07:14

Tgt Ion:	56	Resp:	1861
Ion	Ratio	Lower	Upper
56	100		
69	115.0	25.1	37.7#
84	97.7	70.2	105.4





#33

1,2-Dichloroethane-d4

Concen: 54.758 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031608.D

Acq: 23 Sep 2022 07:14

Instrument :

MSVOA_X

ClientSampleId :

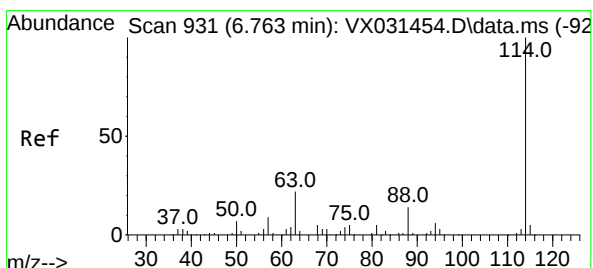
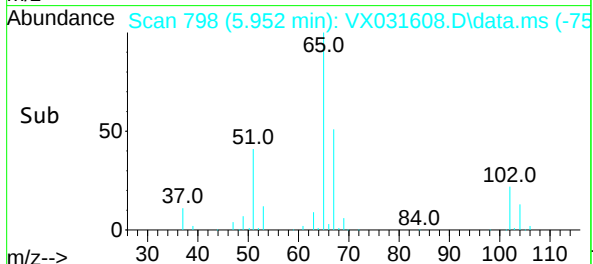
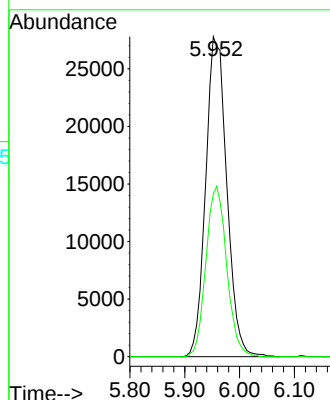
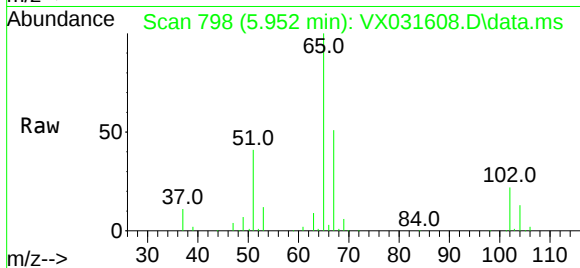
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 74266

Ion Ratio Lower Upper

65 100

67 52.3 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: VX031608.D

Acq: 23 Sep 2022 07:14

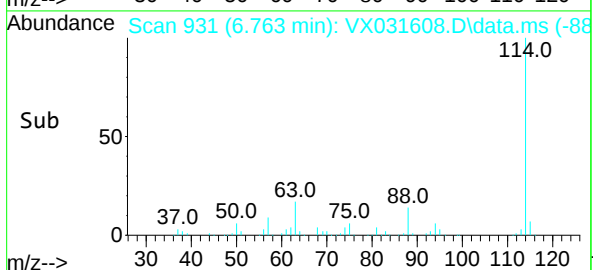
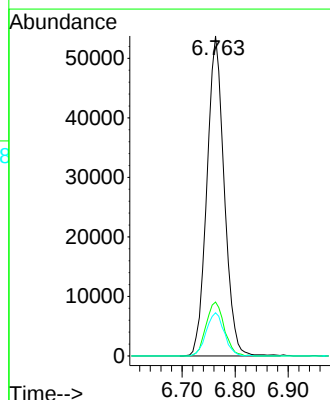
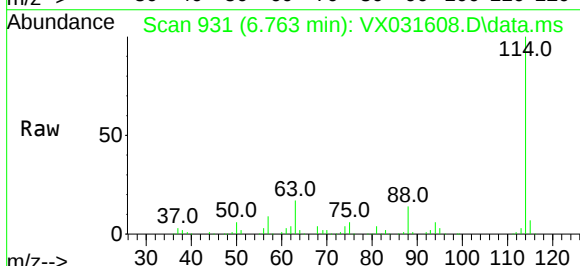
Tgt Ion: 114 Resp: 121958

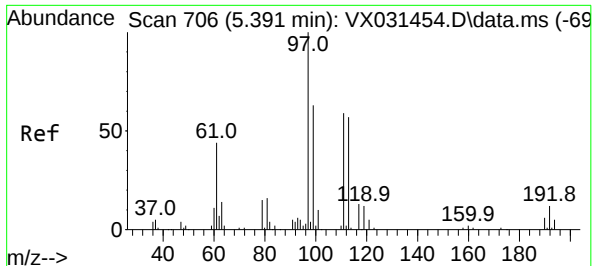
Ion Ratio Lower Upper

114 100

63 16.9 0.0 42.6

88 13.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.452 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX031608.D

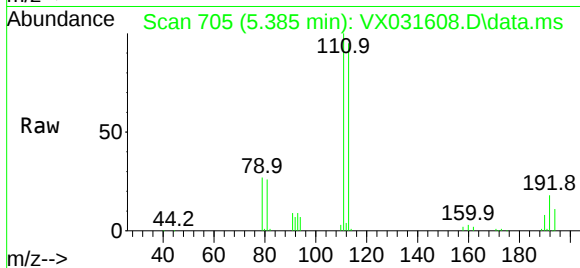
Acq: 23 Sep 2022 07:14

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



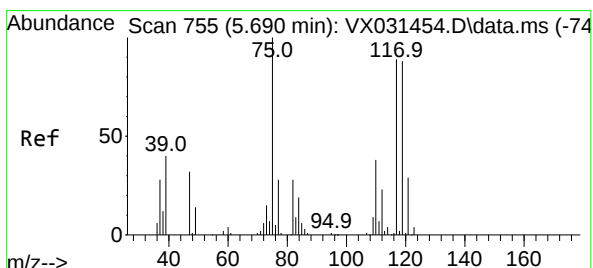
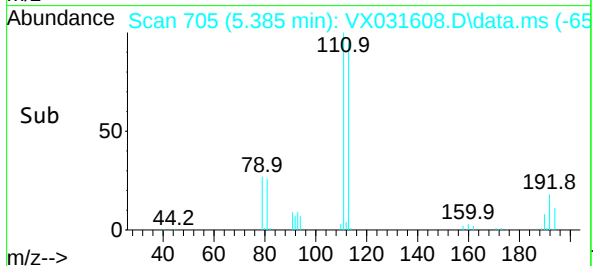
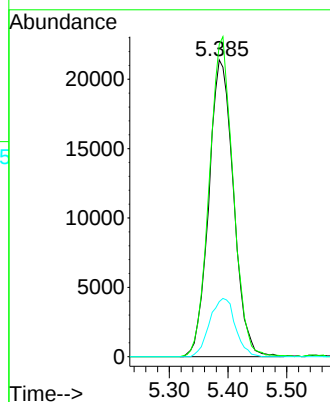
Tgt Ion:113 Resp: 62347

Ion Ratio Lower Upper

113 100

111 104.3 82.4 123.6

192 20.4 14.1 21.1



#36

1,1-Dichloropropene

Concen: 2.943 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX031608.D

Acq: 23 Sep 2022 07:14

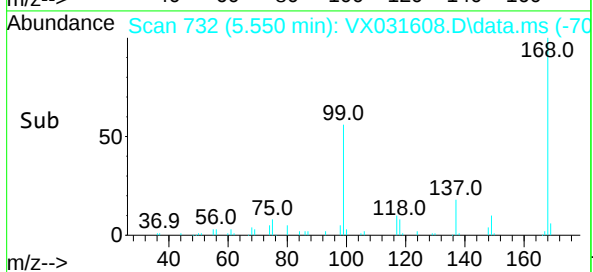
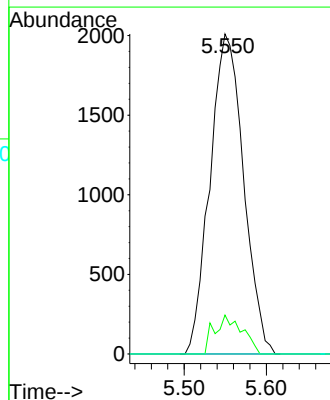
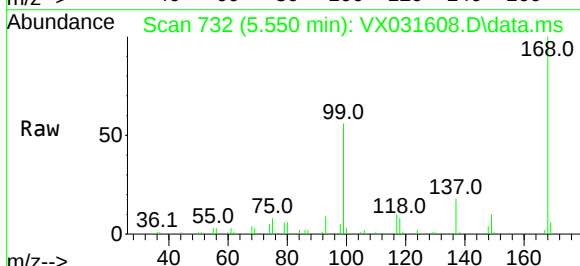
Tgt Ion: 75 Resp: 5705

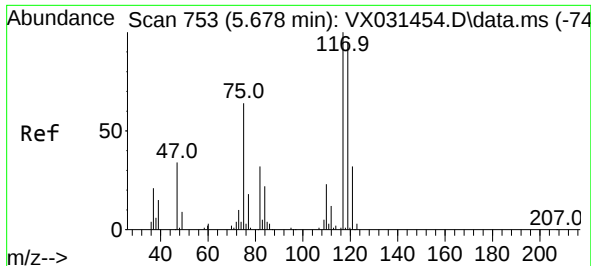
Ion Ratio Lower Upper

75 100

110 10.0 17.5 52.5#

77 0.0 24.9 37.3#

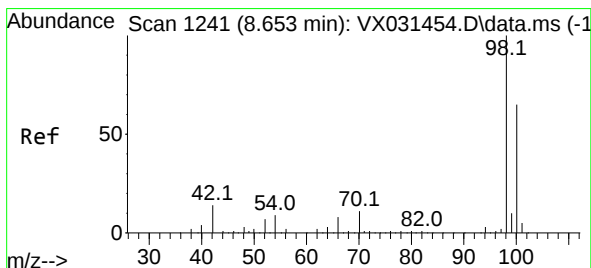
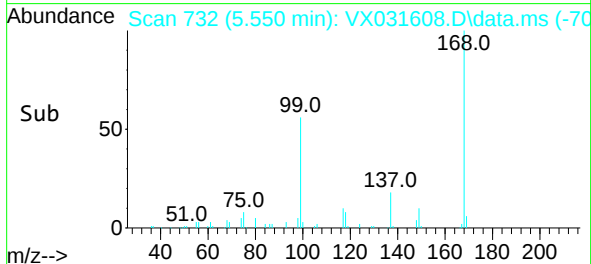
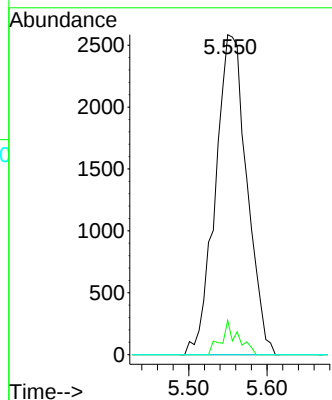
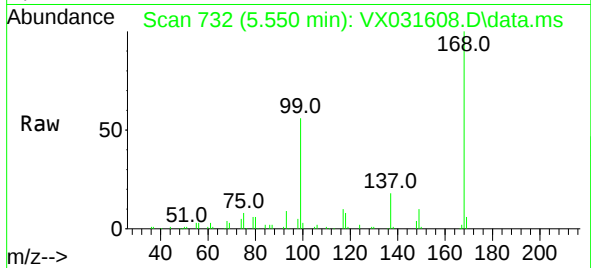




#38
Carbon Tetrachloride
Concen: 3.365 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031608.D
Acq: 23 Sep 2022 07:14

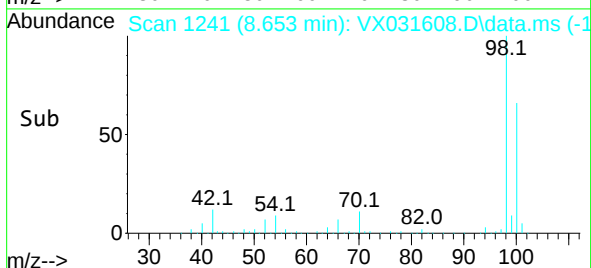
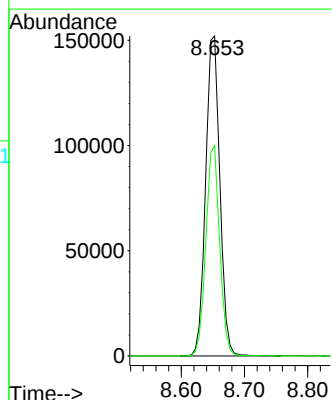
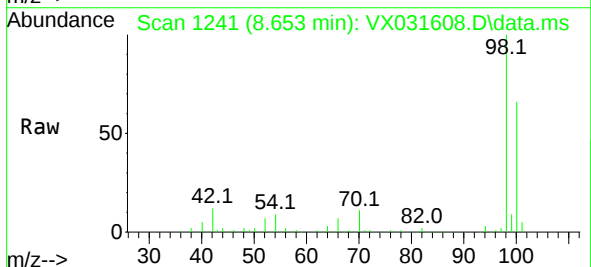
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

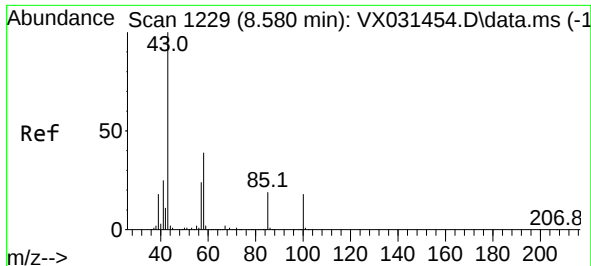
Tgt Ion:117 Resp: 7231
Ion Ratio Lower Upper
117 100
119 10.7 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 49.040 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031608.D
Acq: 23 Sep 2022 07:14

Tgt Ion: 98 Resp: 238284
Ion Ratio Lower Upper
98 100
100 64.0 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.530 ug/l

RT: 8.647 min Scan# 1

Delta R.T. 0.067 min

Lab File: VX031608.D

Acq: 23 Sep 2022 07:14

Instrument :

MSVOA_X

ClientSampleId :

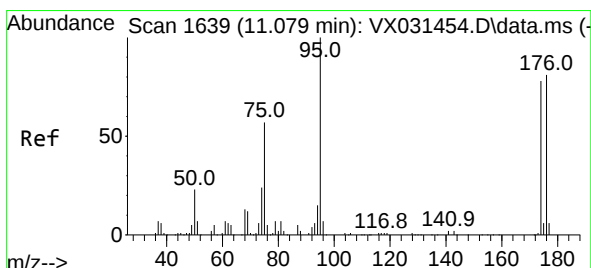
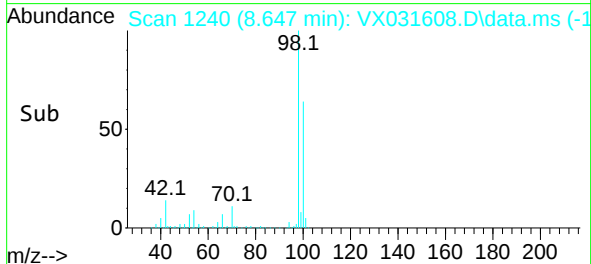
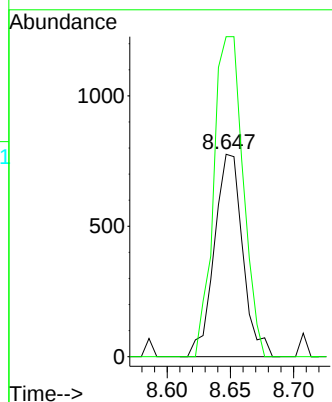
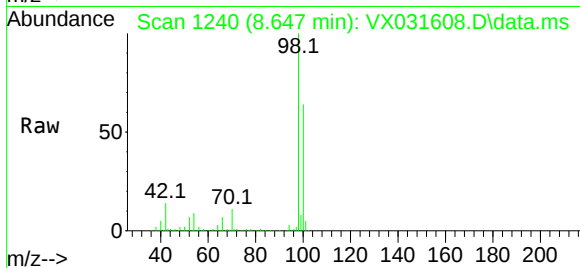
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 43 Resp: 1212

Ion Ratio Lower Upper

43 100

58 163.5 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 44.167 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031608.D

Acq: 23 Sep 2022 07:14

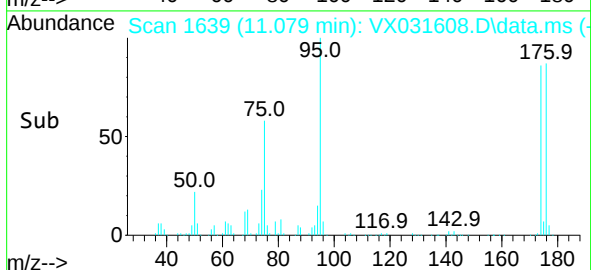
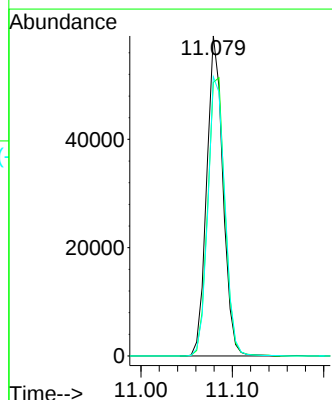
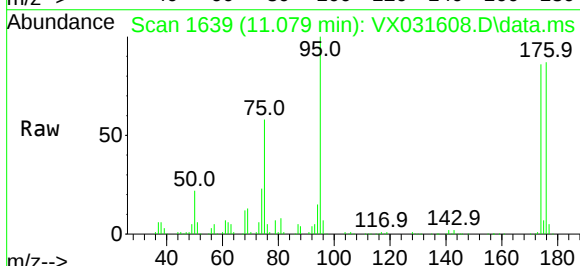
Tgt Ion: 95 Resp: 72693

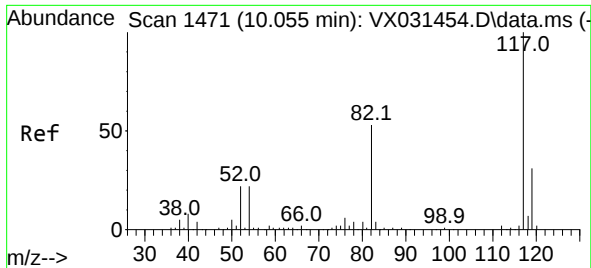
Ion Ratio Lower Upper

95 100

174 91.8 0.0 153.2

176 91.3 0.0 144.0

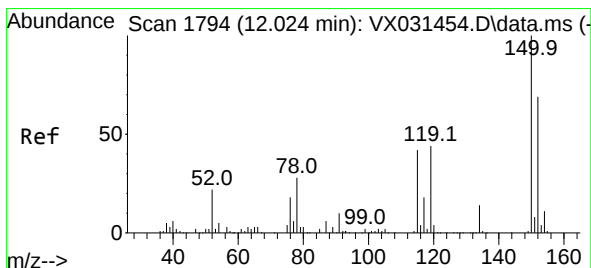
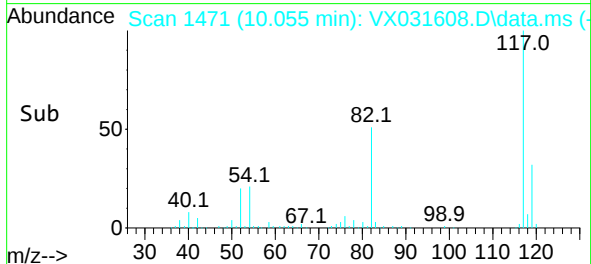
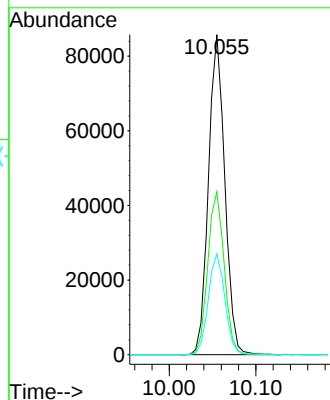
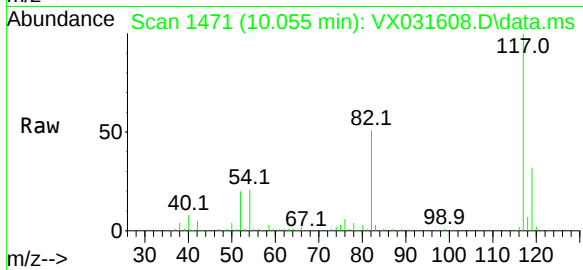




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031608.D
Acq: 23 Sep 2022 07:14

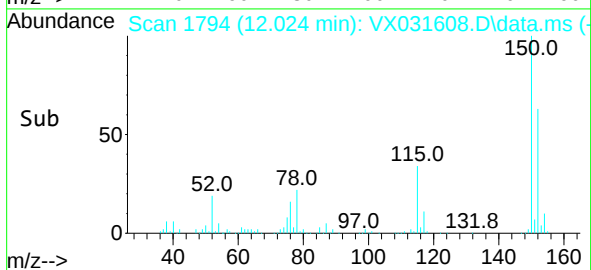
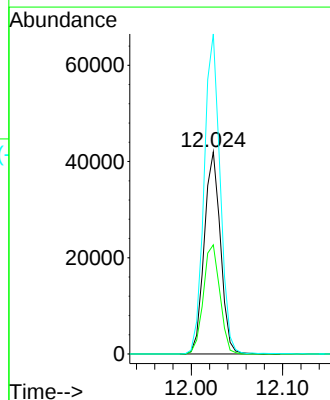
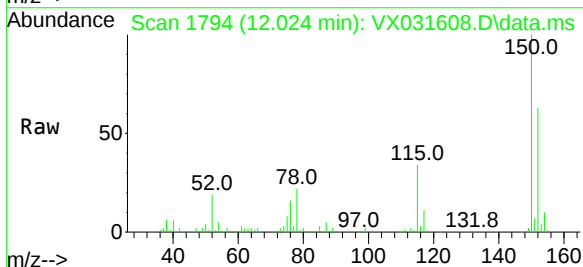
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

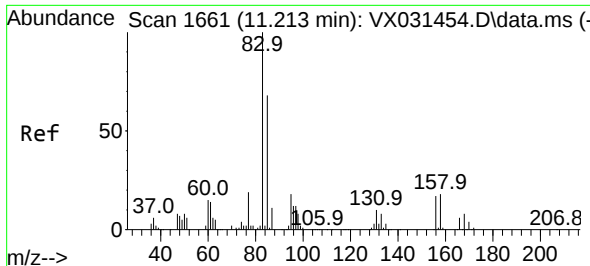
Tgt Ion:117 Resp: 112284
Ion Ratio Lower Upper
117 100
82 50.9 46.8 70.2
119 31.5 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031608.D
Acq: 23 Sep 2022 07:14

Tgt Ion:152 Resp: 51523
Ion Ratio Lower Upper
152 100
115 55.0 43.4 130.1
150 156.7 0.0 346.8

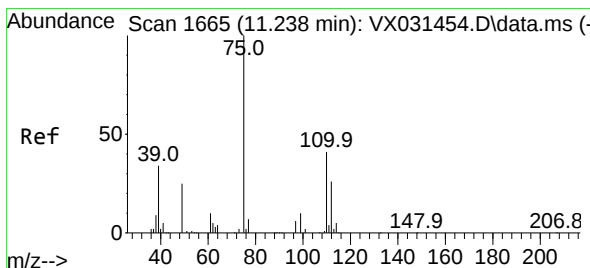
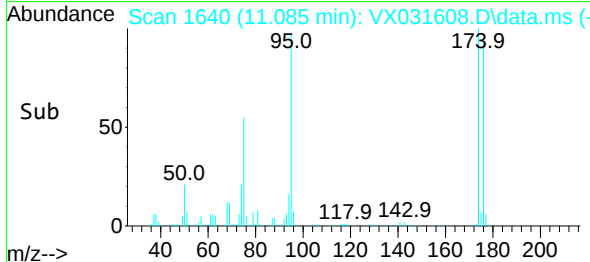
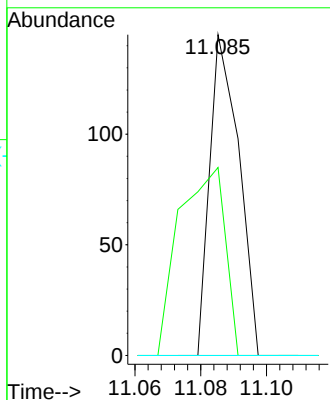
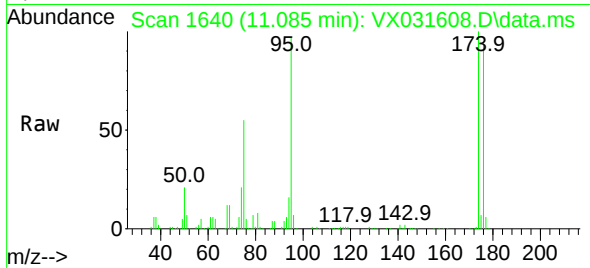




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.085 min Scan# 1639
Delta R.T. -0.128 min
Lab File: VX031608.D
Acq: 23 Sep 2022 07:14

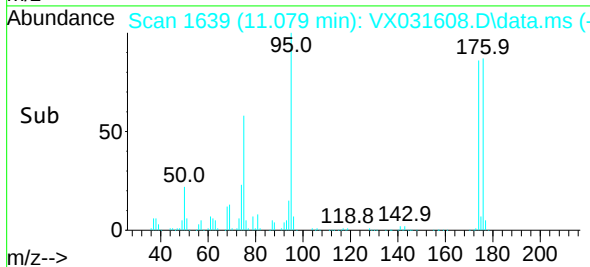
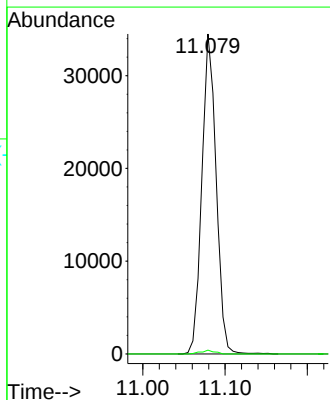
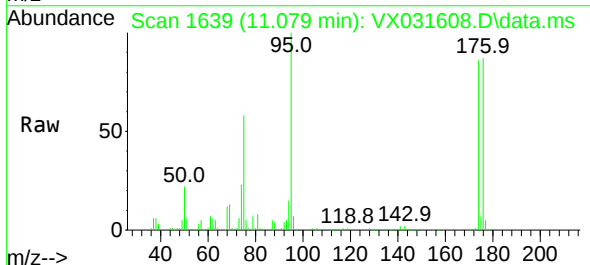
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

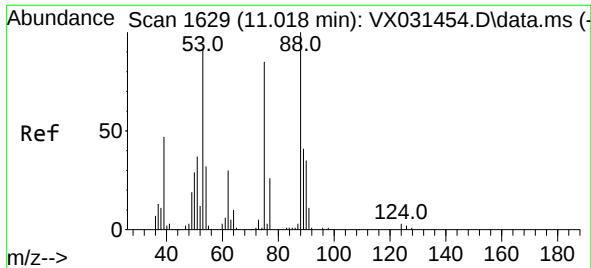
Tgt Ion: 83 Resp: 89
Ion Ratio Lower Upper
83 100
131 92.1 5.1 15.4#
85 0.0 32.6 97.8#



#76
1,2,3-Trichloropropane
Concen: 36.361 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031608.D
Acq: 23 Sep 2022 07:14

Tgt Ion: 75 Resp: 41813
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#

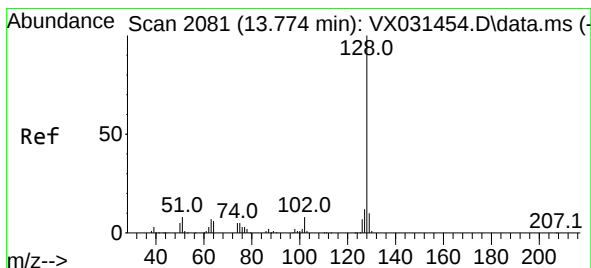
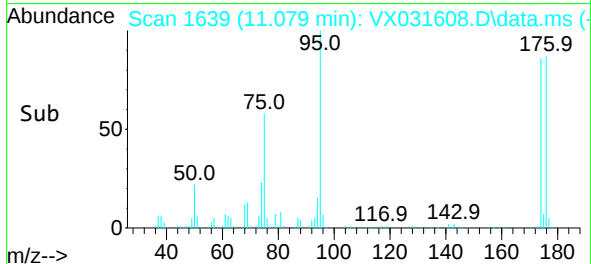
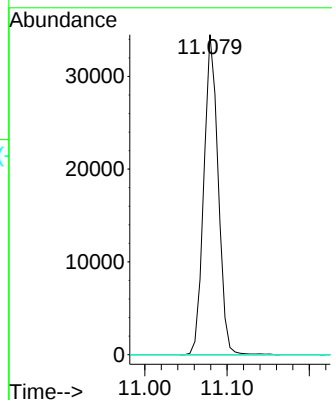
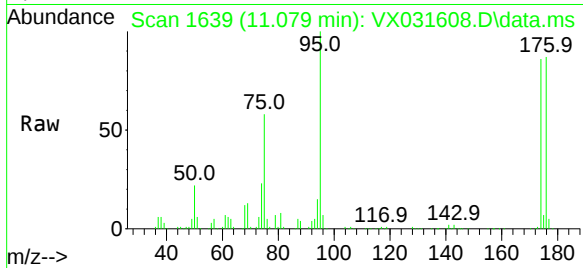




#81
trans-1,4-Dichloro-2-butene
Concen: 117.077 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031608.D
Acq: 23 Sep 2022 07:14

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

Tgt Ion: 75 Resp: 41813
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 0.570 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031608.D
Acq: 23 Sep 2022 07:14

Tgt Ion: 128 Resp: 2107
Ion Ratio Lower Upper
128 100
127 12.1 10.4 15.6
129 7.4 8.8 13.2#

