

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031607.D
 Acq On : 23 Sep 2022 06:50
 Operator : JC/MD
 Sample : N4691-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Sep 23 09:19:51 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)

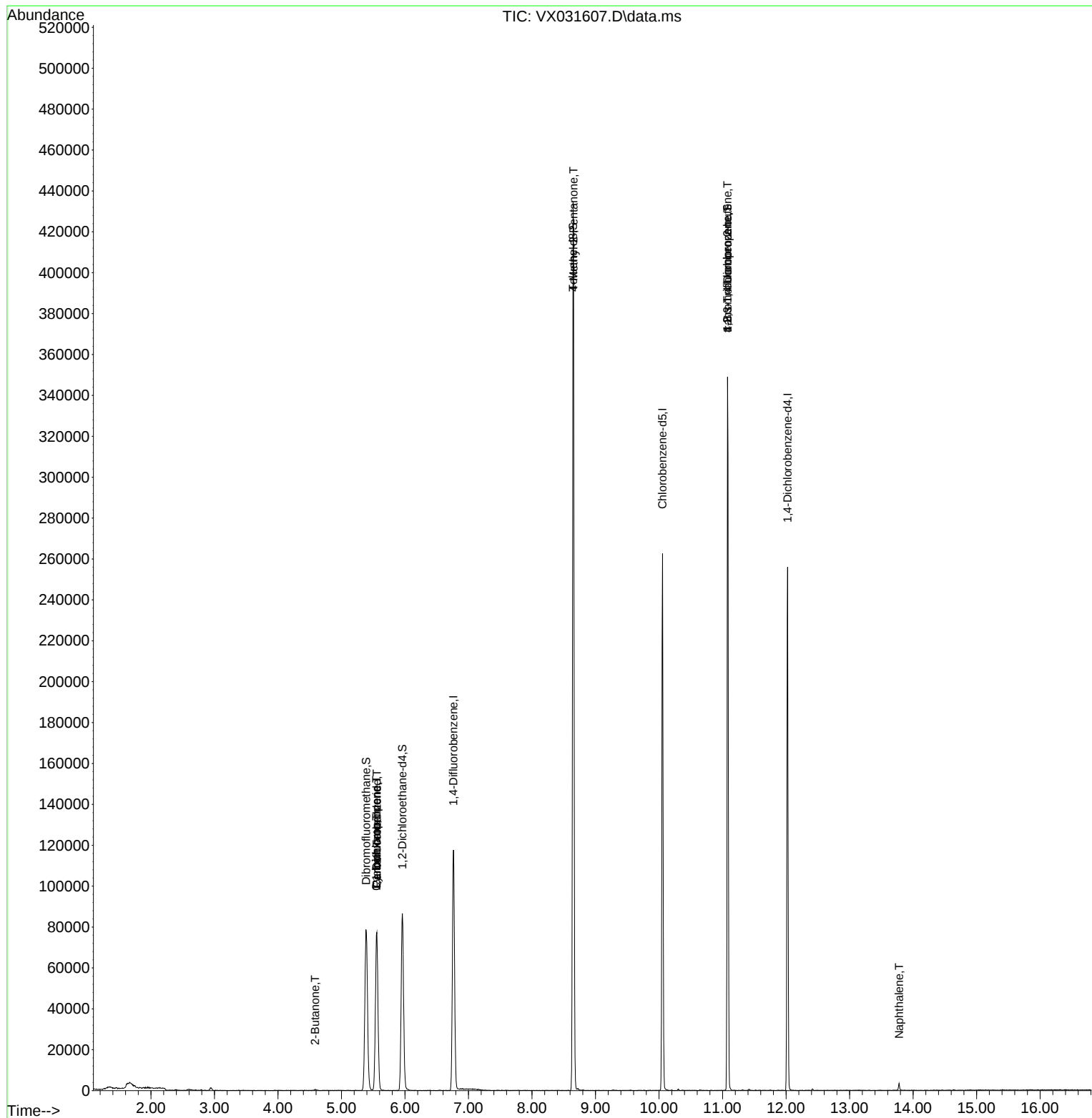
Internal Standards						
1) Pentafluorobenzene	5.556	168	75066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	123496	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76700	55.734	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.460%			
35) Dibromofluoromethane	5.385	113	65671	51.469	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.940%			
50) Toluene-d8	8.647	98	251749	51.166	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.340%			
62) 4-Bromofluorobenzene	11.079	95	77668	46.602	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.200%			
Target Compounds						
					Qvalue	
6) Chloroethane	1.666	64	103	Below Cal	#	43
11) Tert butyl alcohol	2.941	59	726	Below Cal	#	73
16) Acetone	2.404	43	537	Below Cal	#	45
20) Methylene Chloride	2.794	84	138	Below Cal	#	91
25) 2-Butanone	4.587	43	213	0.200	ug/l #	49
31) Cyclohexane	5.550	56	1706	0.836	ug/l #	58
36) 1,1-Dichloropropene	5.550	75	5772	2.940	ug/l #	51
38) Carbon Tetrachloride	5.556	117	7150	3.286	ug/l #	18
51) 4-Methyl-2-Pentanone	8.653	43	1227	0.530	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.079	83	135	Below Cal	#	14
76) 1,2,3-Trichloropropane	11.079	75	44482	38.726	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	44482	124.691	ug/l #	11
95) Naphthalene	13.780	128	2892	0.784	ug/l #	95

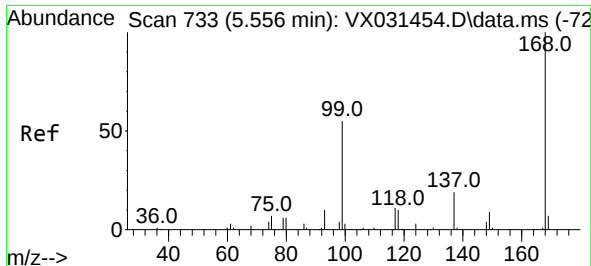
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031607.D
Acq On : 23 Sep 2022 06:50
Operator : JC/MD
Sample : N4691-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Quant Time: Sep 23 09:19:51 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

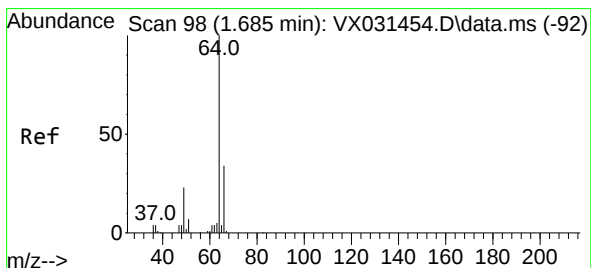
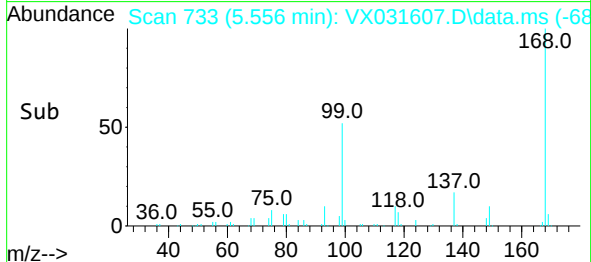
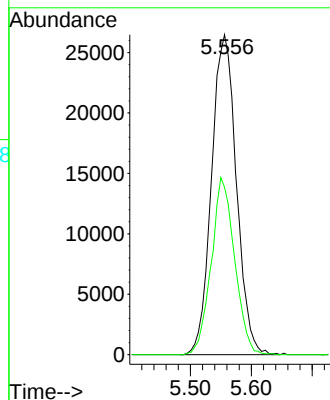
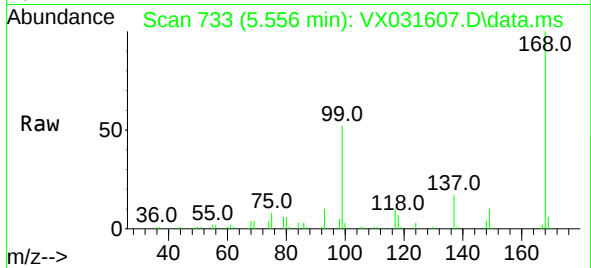




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031607.D
Acq: 23 Sep 2022 06:50

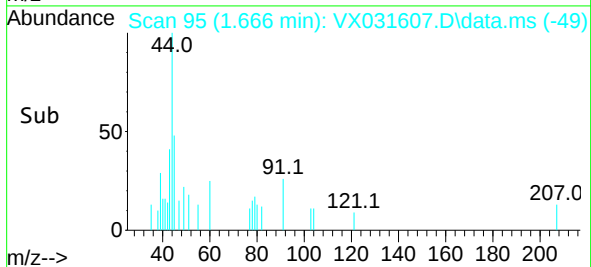
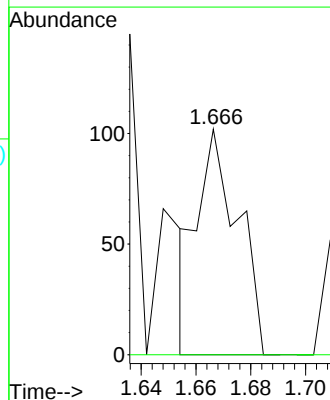
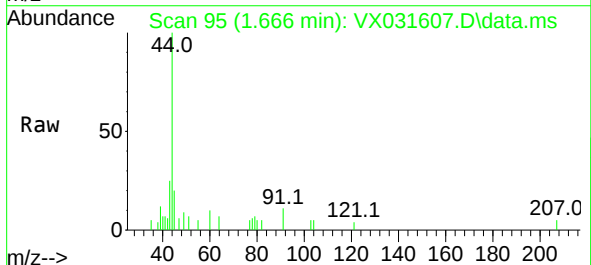
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

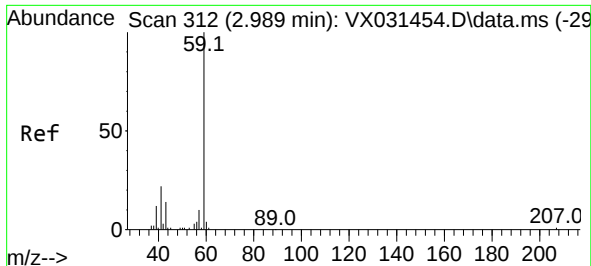
Tgt Ion:168 Resp: 75066
Ion Ratio Lower Upper
168 100
99 52.4 48.8 73.2



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. -0.019 min
Lab File: VX031607.D
Acq: 23 Sep 2022 06:50

Tgt Ion: 64 Resp: 103
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 304

Delta R.T. -0.048 min

Lab File: VX031607.D

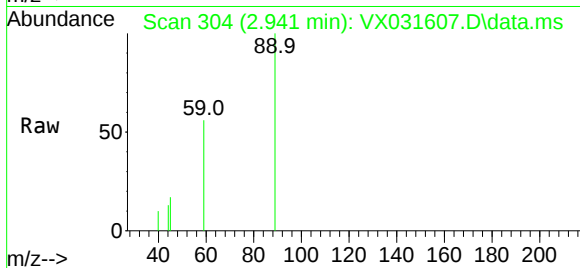
Acq: 23 Sep 2022 06:50

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

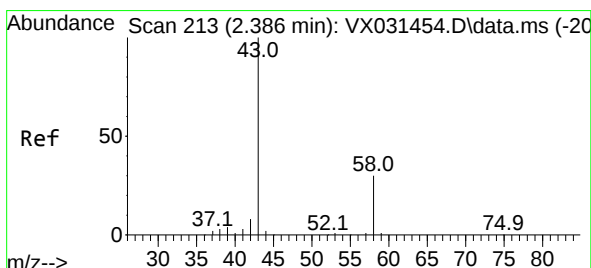
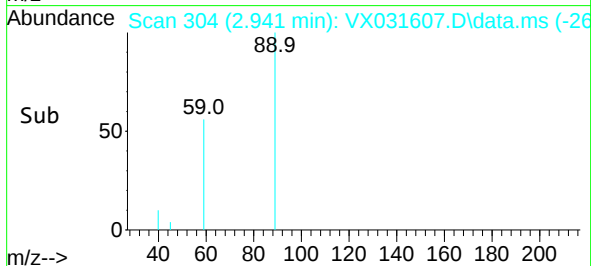
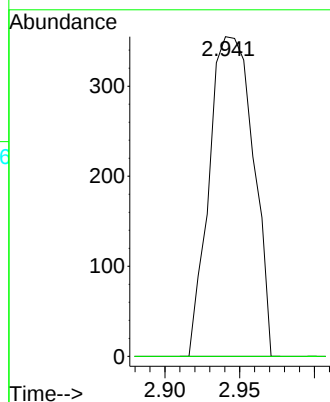


Tgt Ion: 59 Resp: 726

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: Below Cal

RT: 2.404 min Scan# 216

Delta R.T. 0.018 min

Lab File: VX031607.D

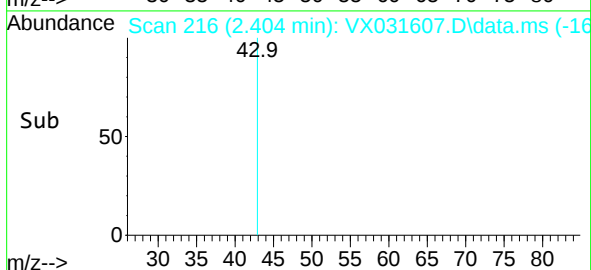
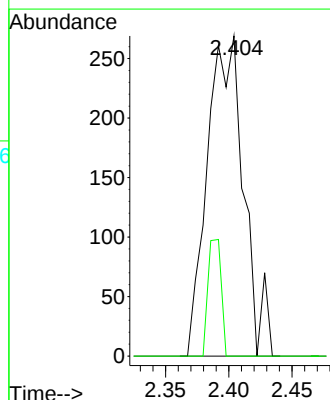
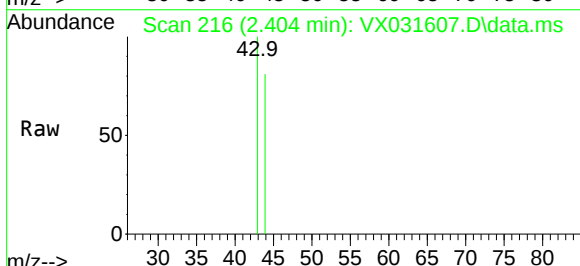
Acq: 23 Sep 2022 06:50

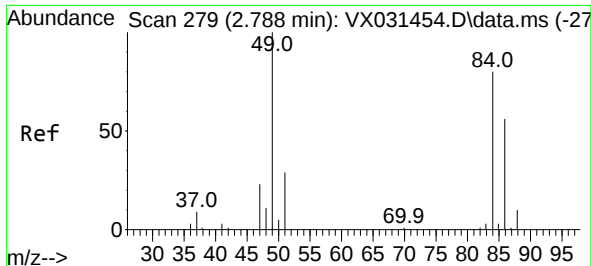
Tgt Ion: 43 Resp: 537

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX031607.D

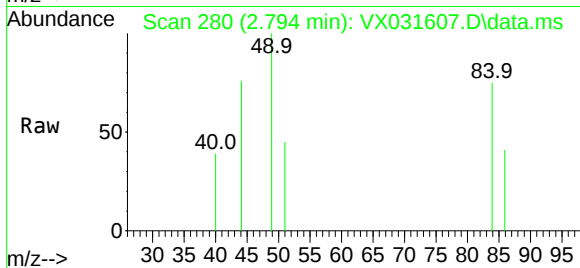
Acq: 23 Sep 2022 06:50

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5



Tgt Ion: 84 Resp: 138

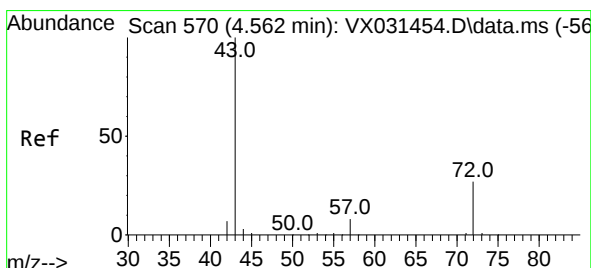
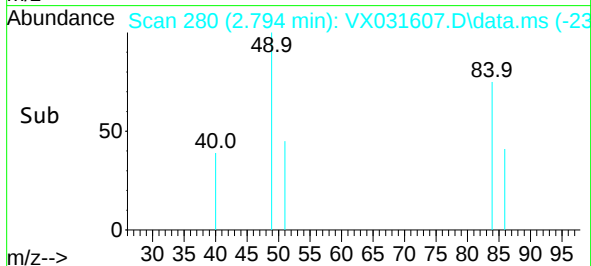
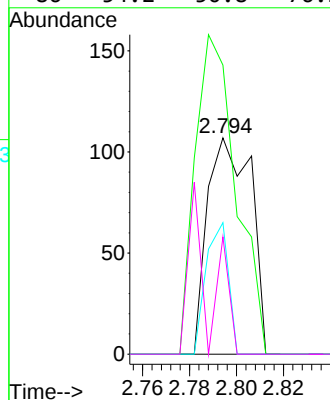
Ion Ratio Lower Upper

84 100

49 133.6 105.9 158.9

51 60.7 32.2 48.2#

86 54.2 50.8 76.2



#25

2-Butanone

Concen: 0.200 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.025 min

Lab File: VX031607.D

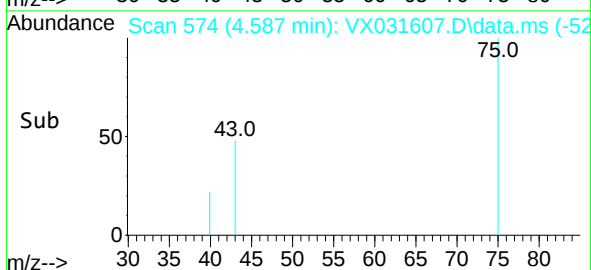
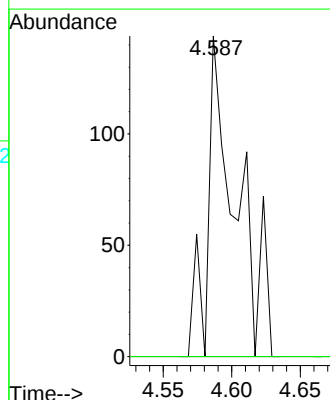
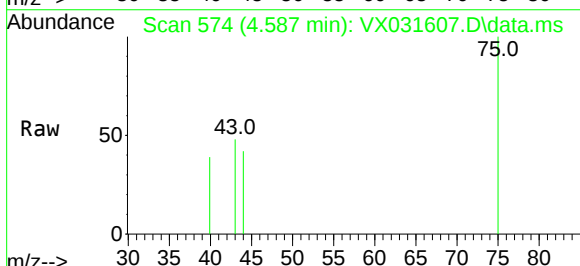
Acq: 23 Sep 2022 06:50

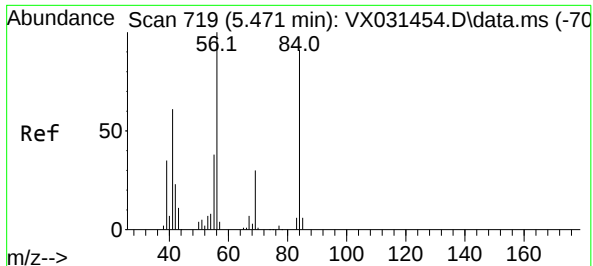
Tgt Ion: 43 Resp: 213

Ion Ratio Lower Upper

43 100

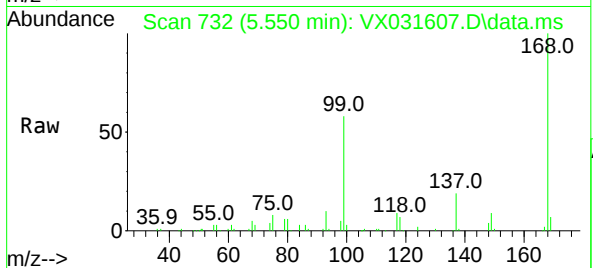
72 0.0 21.1 31.7#



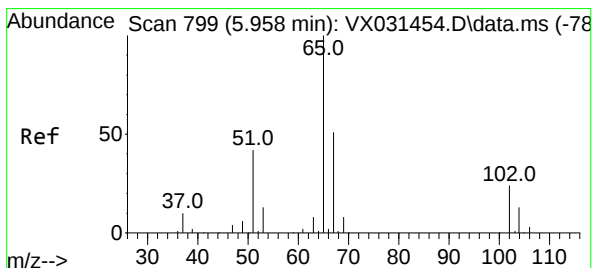
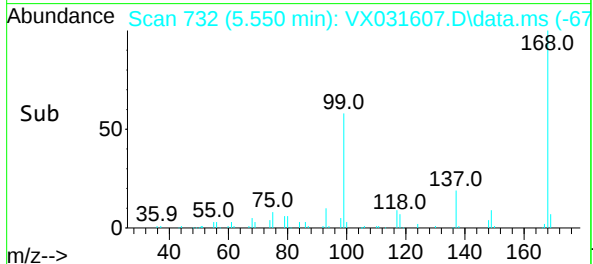
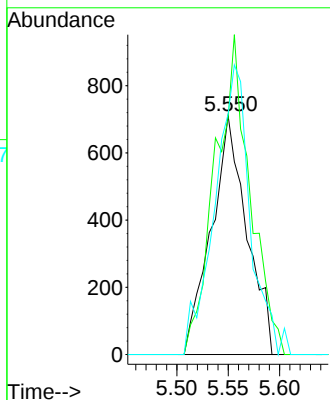


#31
Cyclohexane
Concen: 0.836 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031607.D
Acq: 23 Sep 2022 06:50

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

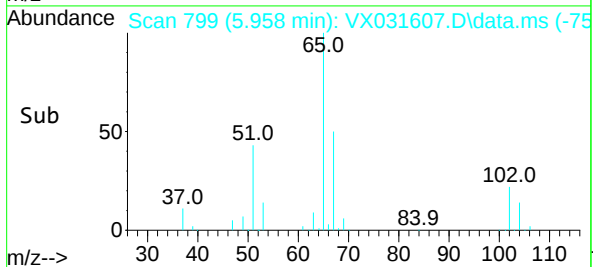
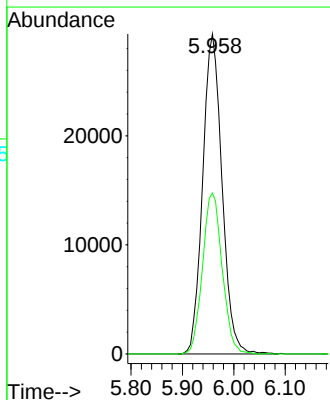
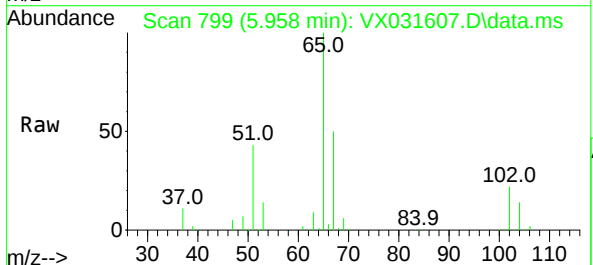


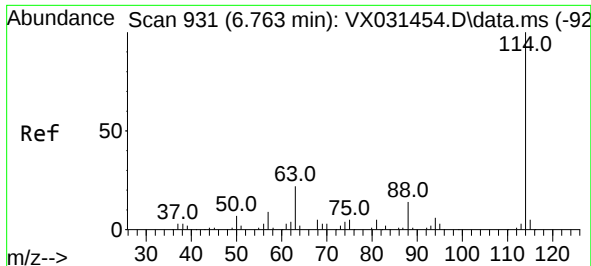
Tgt Ion: 56 Resp: 1706
Ion Ratio Lower Upper
56 100
69 98.9 25.1 37.7#
84 100.7 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 55.734 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031607.D
Acq: 23 Sep 2022 06:50

Tgt Ion: 65 Resp: 76700
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.4

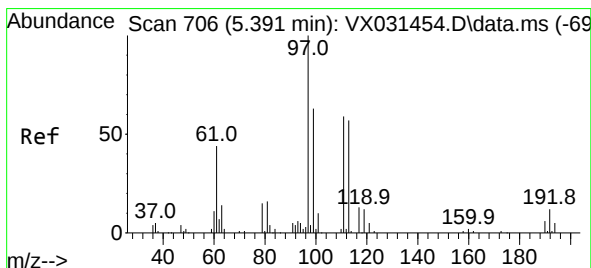
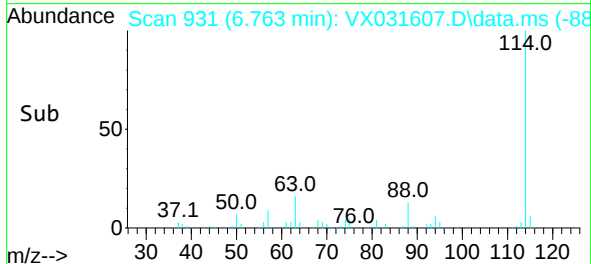
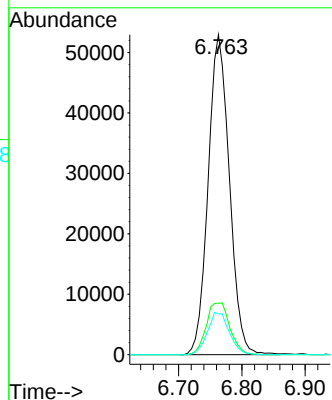
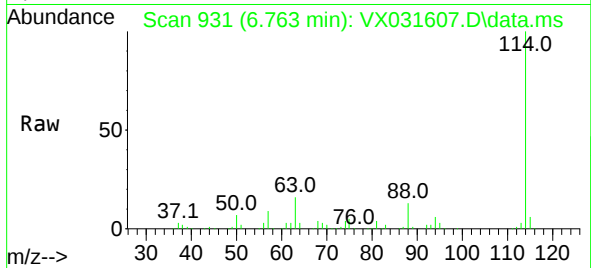




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031607.D
Acq: 23 Sep 2022 06:50

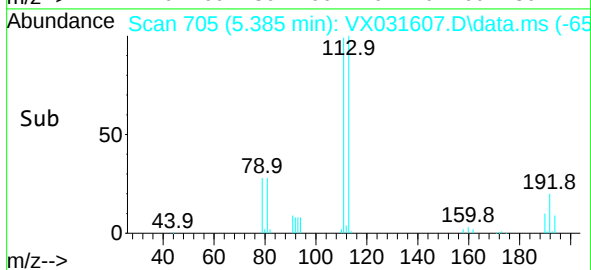
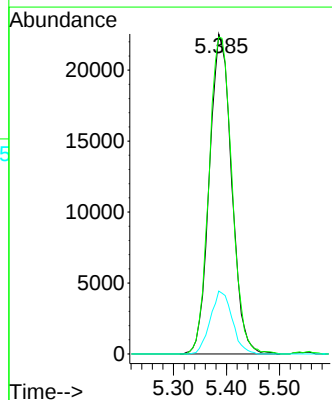
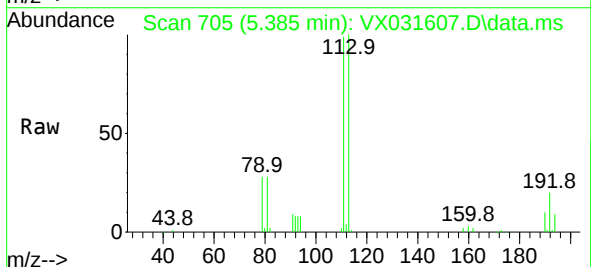
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

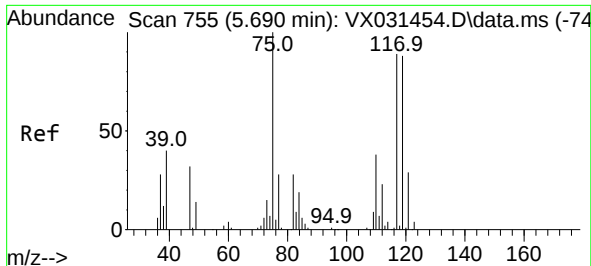
Tgt Ion:114 Resp: 123496
Ion Ratio Lower Upper
114 100
63 16.1 0.0 42.6
88 12.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.469 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031607.D
Acq: 23 Sep 2022 06:50

Tgt Ion:113 Resp: 65671
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 19.3 14.1 21.1





#36

1,1-Dichloropropene

Concen: 2.940 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX031607.D

Acq: 23 Sep 2022 06:50

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

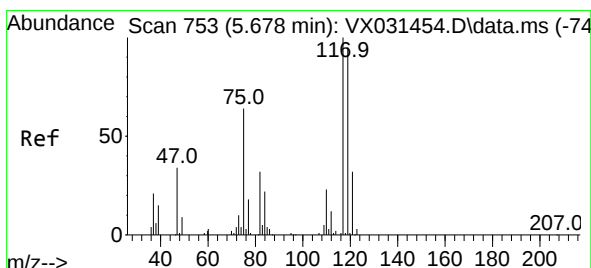
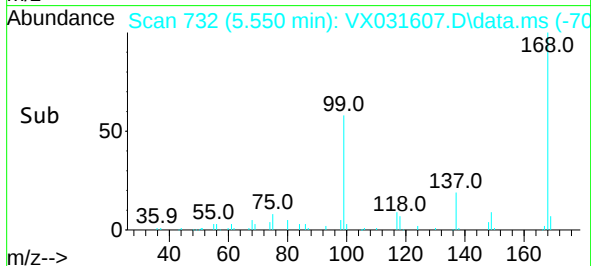
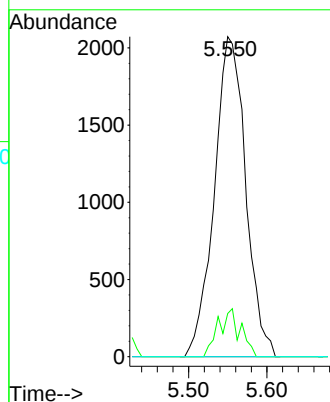
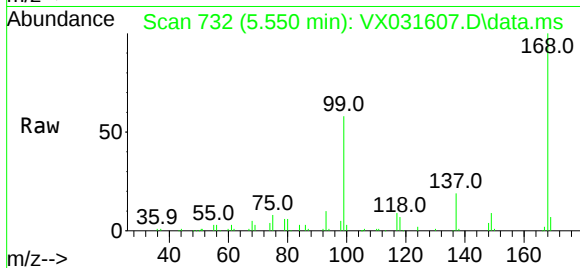
Tgt Ion: 75 Resp: 5772

Ion Ratio Lower Upper

75 100

110 10.6 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 3.286 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX031607.D

Acq: 23 Sep 2022 06:50

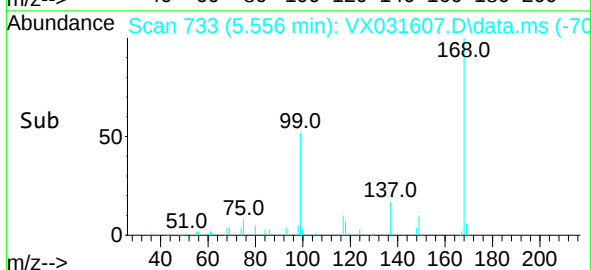
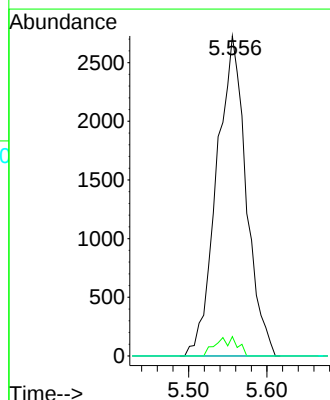
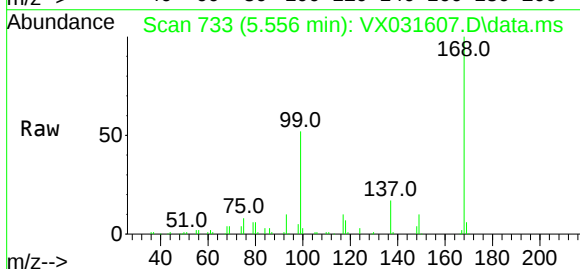
Tgt Ion: 117 Resp: 7150

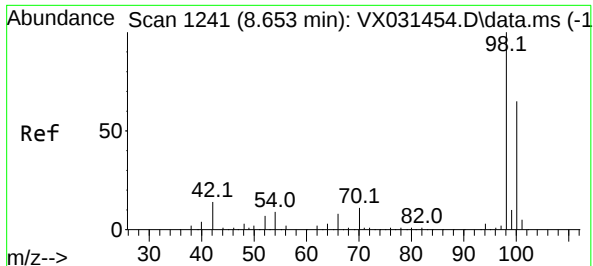
Ion Ratio Lower Upper

117 100

119 6.1 74.6 112.0#

121 0.0 25.3 37.9#

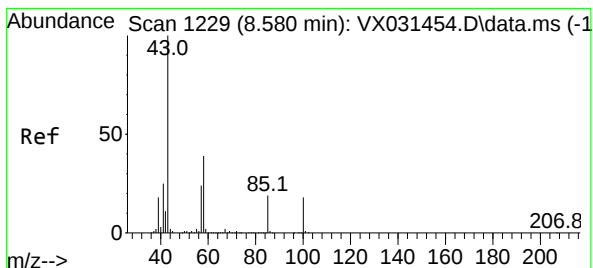
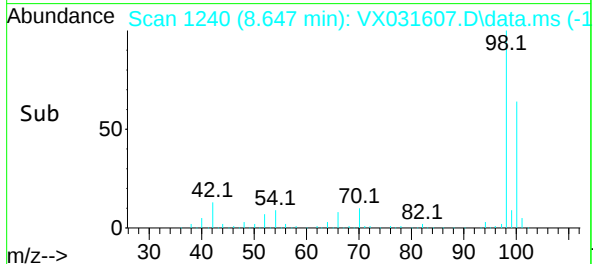
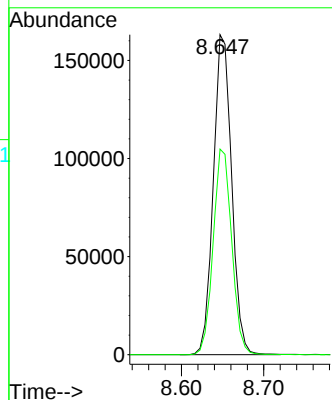
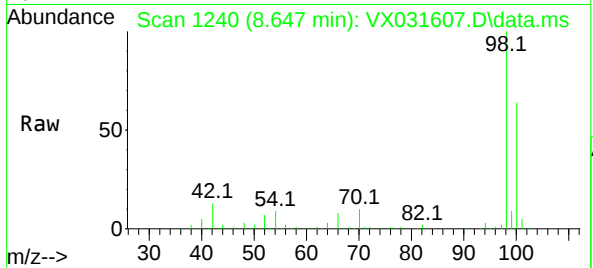




#50
Toluene-d8
Concen: 51.166 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031607.D
Acq: 23 Sep 2022 06:50

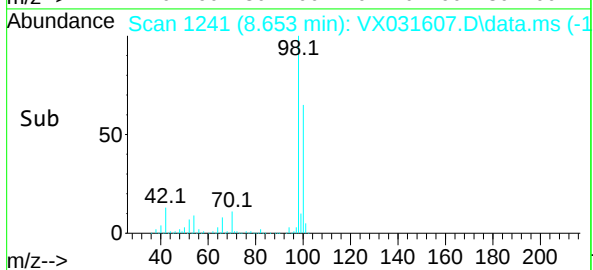
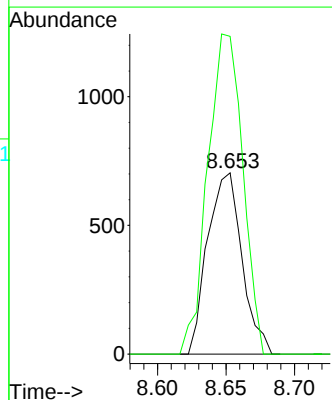
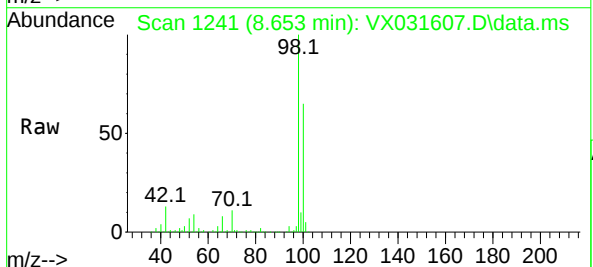
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

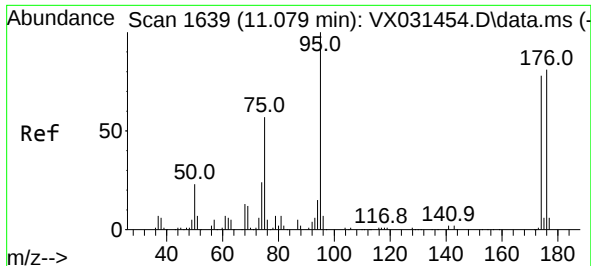
Tgt Ion: 98 Resp: 251749
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.530 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX031607.D
Acq: 23 Sep 2022 06:50

Tgt Ion: 43 Resp: 1227
Ion Ratio Lower Upper
43 100
58 180.3 30.6 46.0#

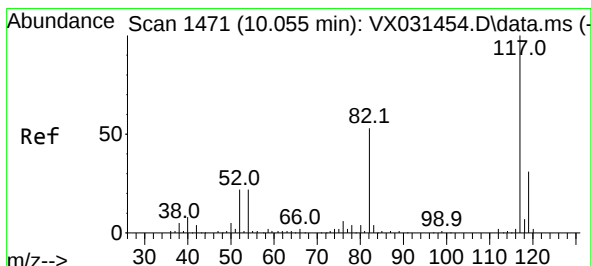
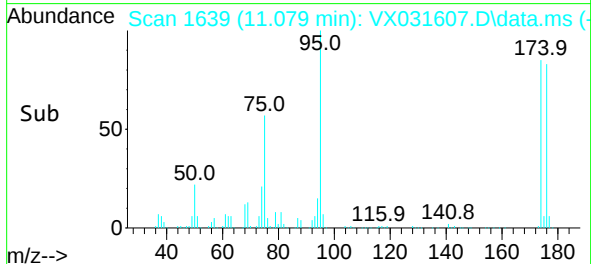
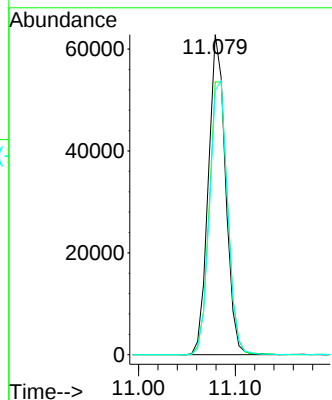
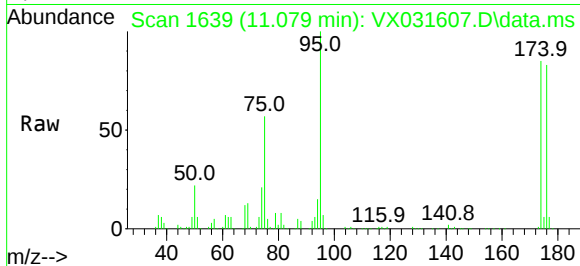




#62
4-Bromofluorobenzene
Concen: 46.602 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031607.D
Acq: 23 Sep 2022 06:50

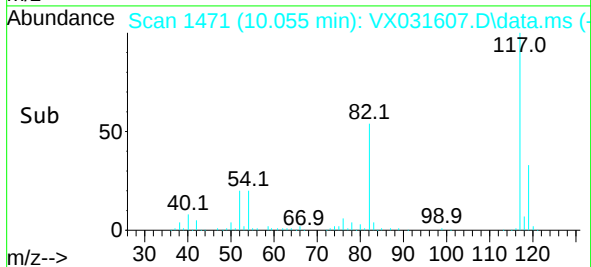
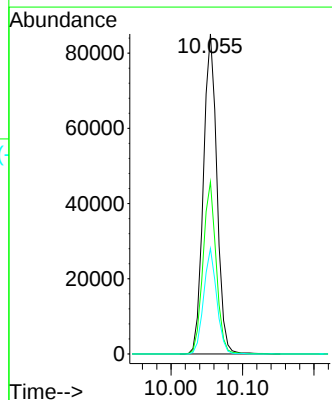
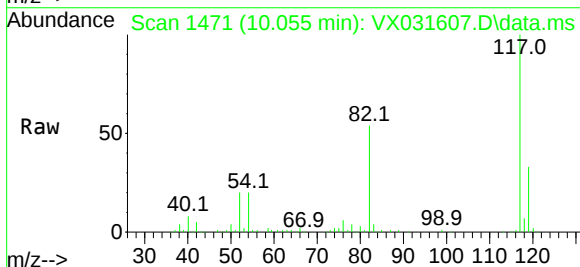
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

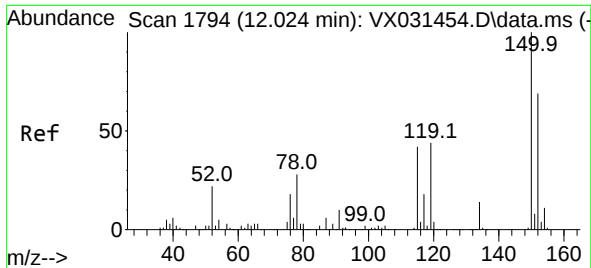
Tgt Ion: 95 Resp: 77668
Ion Ratio Lower Upper
95 100
174 91.6 0.0 153.2
176 89.9 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031607.D
Acq: 23 Sep 2022 06:50

Tgt Ion: 117 Resp: 111909
Ion Ratio Lower Upper
117 100
82 53.7 46.8 70.2
119 33.0 26.4 39.6

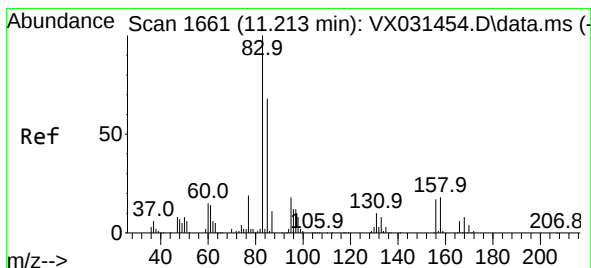
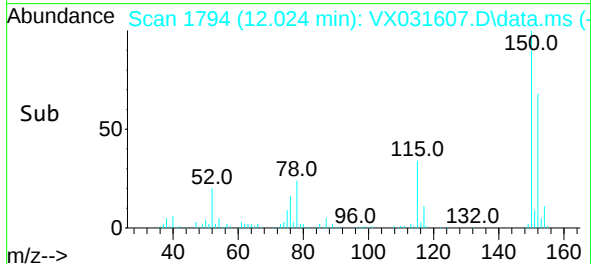
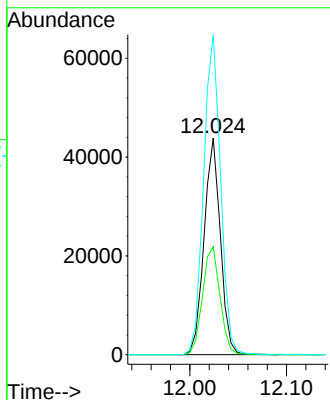
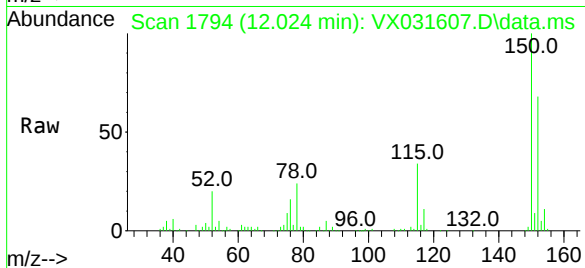




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031607.D
 Acq: 23 Sep 2022 06:50

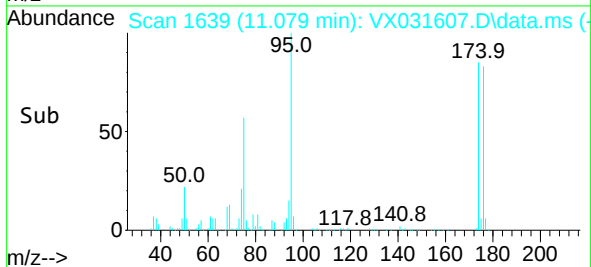
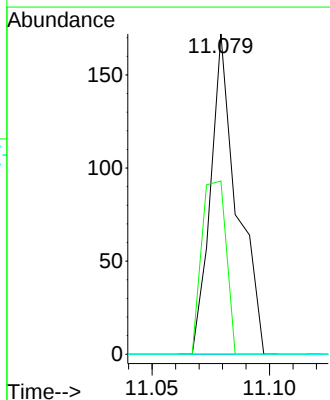
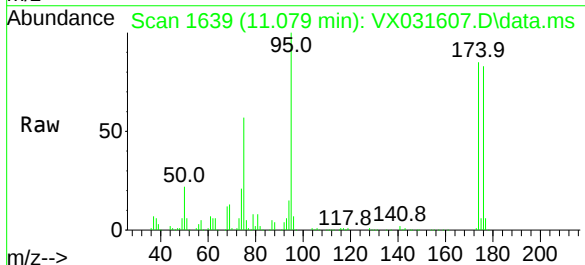
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

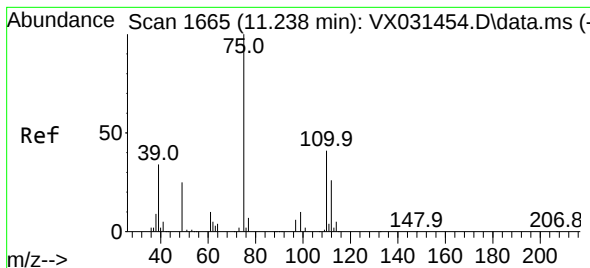
Tgt Ion:152 Resp: 51465
 Ion Ratio Lower Upper
 152 100
 115 53.4 43.4 130.1
 150 153.6 0.0 346.8



#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.134 min
 Lab File: VX031607.D
 Acq: 23 Sep 2022 06:50

Tgt Ion: 83 Resp: 135
 Ion Ratio Lower Upper
 83 100
 131 49.6 5.1 15.4#
 85 0.0 32.6 97.8#





#76

1,2,3-Trichloropropane

Concen: 38.726 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX031607.D

Acq: 23 Sep 2022 06:50

Instrument :

MSVOA_X

ClientSampleId :

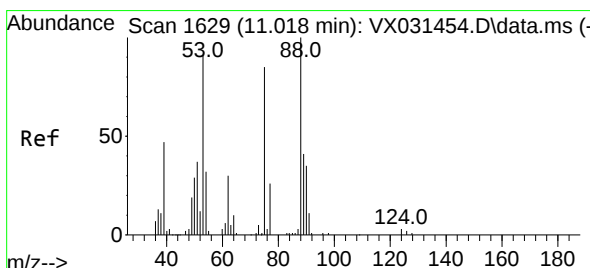
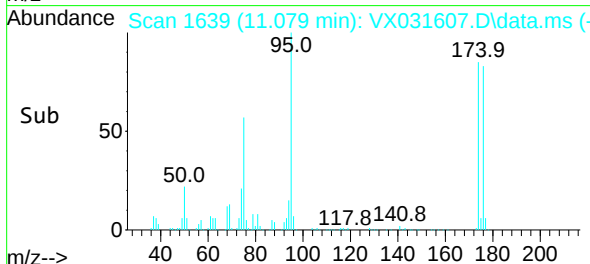
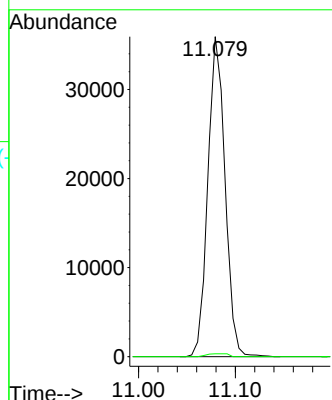
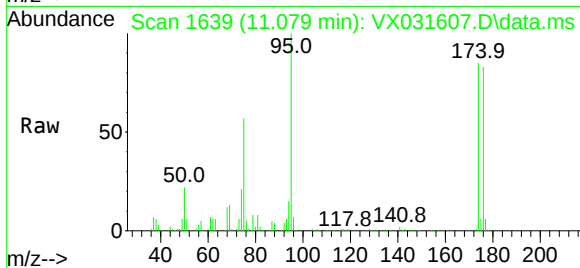
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 44482

Ion Ratio Lower Upper

75 100

77 1.1 20.3 60.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 124.691 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX031607.D

Acq: 23 Sep 2022 06:50

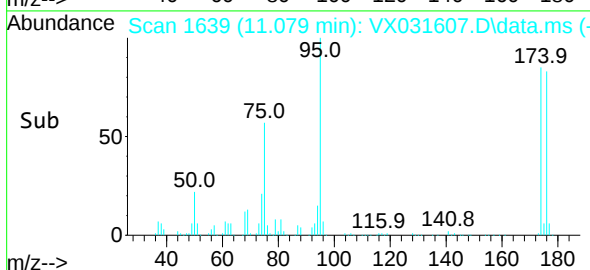
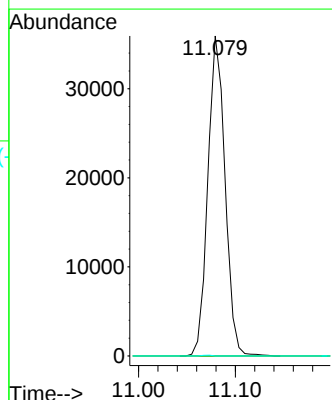
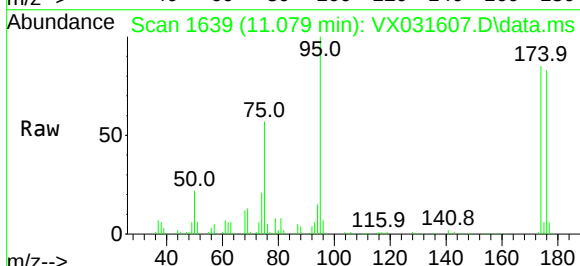
Tgt Ion: 75 Resp: 44482

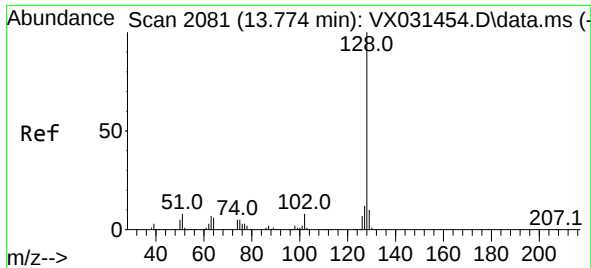
Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.1 37.4 56.0#





#95

Naphthalene

Concen: 0.784 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX031607.D

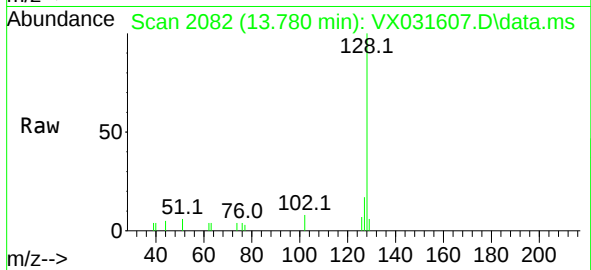
Acq: 23 Sep 2022 06:50

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5



Tgt Ion:128 Resp: 2892

Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

129 7.3 8.8 13.2#

