

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
 Data File : VX029750.D
 Acq On : 23 Jun 2022 17:37
 Operator : JC/MD
 Sample : N3389-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jun 24 05:40:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

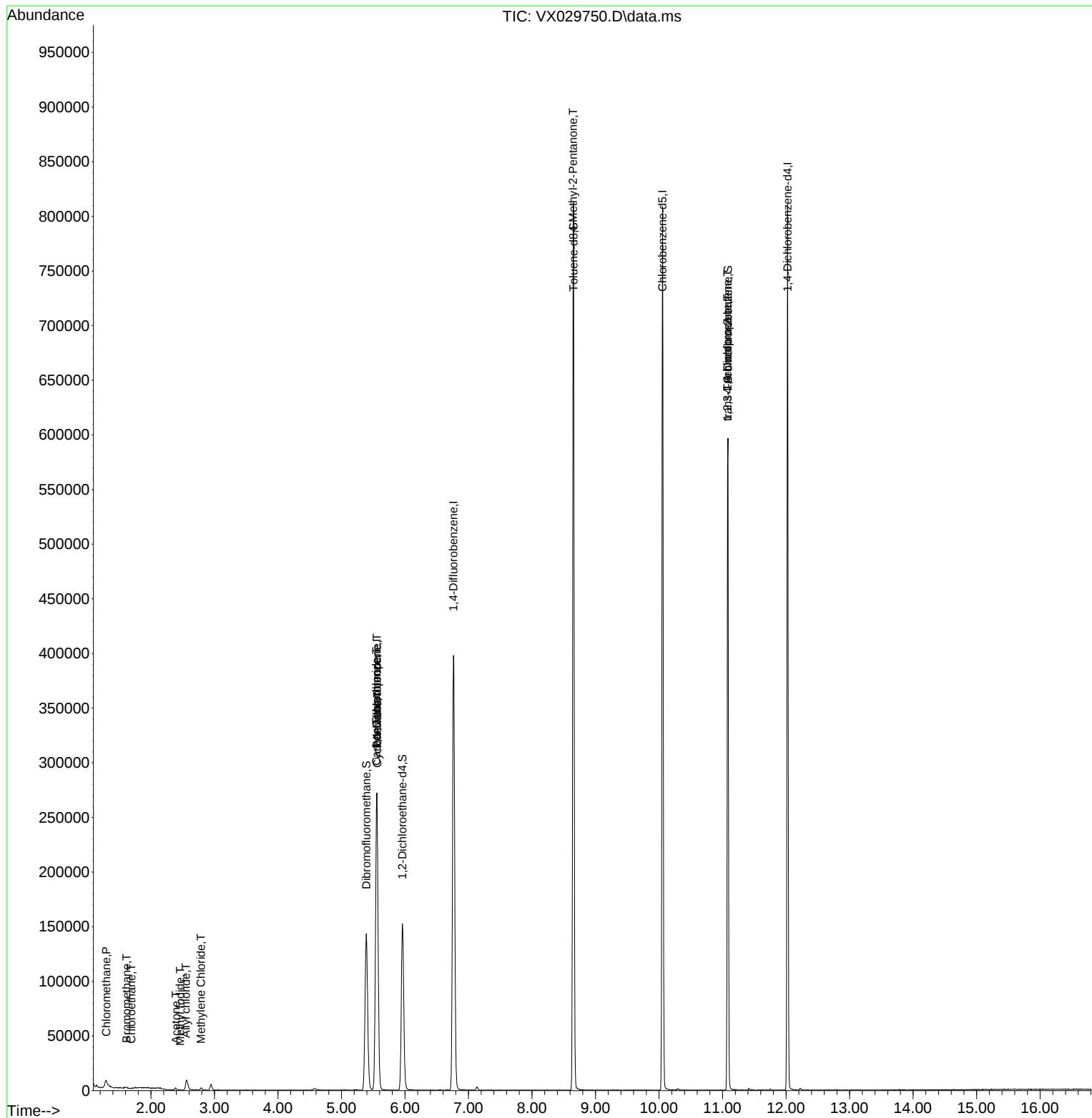
Internal Standards						
1) Pentafluorobenzene	5.556	168	257818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	432307	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	376656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	147680	43.272	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.540%		
35) Dibromofluoromethane	5.391	113	128263	45.527	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.060%		
50) Toluene-d8	8.653	98	487639	47.380	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.760%		
62) 4-Bromofluorobenzene	11.085	95	174658	45.000	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.000%		
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	1037	0.308	ug/l	95
5) Bromomethane	1.618	94	455	0.288	ug/l	97
6) Chloroethane	1.691	64	144	1.351	ug/l #	43
10) Methyl Iodide	2.459	142	157	3.065	ug/l #	75
11) Tert butyl alcohol	2.947	59	2972	Below Cal	#	72
14) Allyl chloride	2.550	41	1304	0.309	ug/l #	63
16) Acetone	2.392	43	2257	1.659	ug/l #	76
20) Methylene Chloride	2.788	84	1115	0.368	ug/l	93
31) Cyclohexane	5.562	56	4555	0.994	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	18840	4.941	ug/l #	49
38) Carbon Tetrachloride	5.550	117	27011	7.204	ug/l #	15
44) Trichloroethene	7.129	130	1204	Below Cal		85
51) 4-Methyl-2-Pentanone	8.647	43	1909	0.487	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	86263	24.191	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	86263	80.476	ug/l #	15

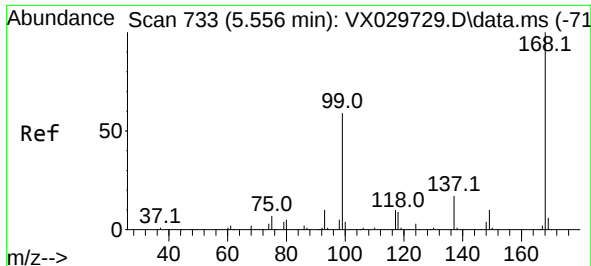
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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STORAGE-BLANK-WATER-REF-5

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Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

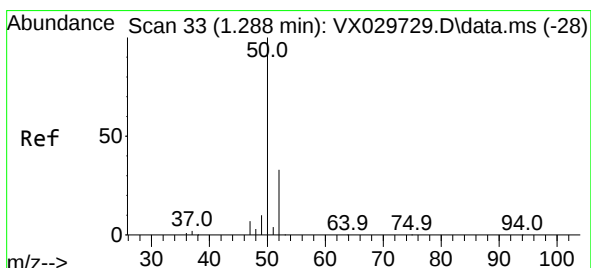
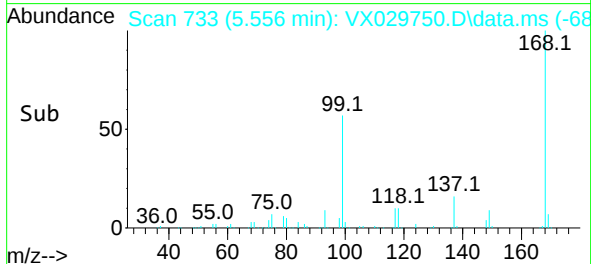
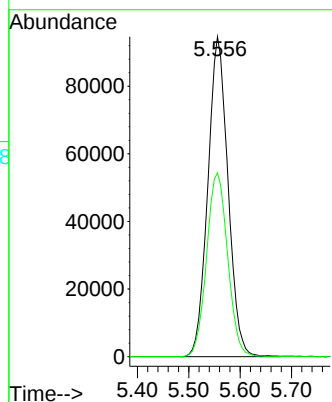
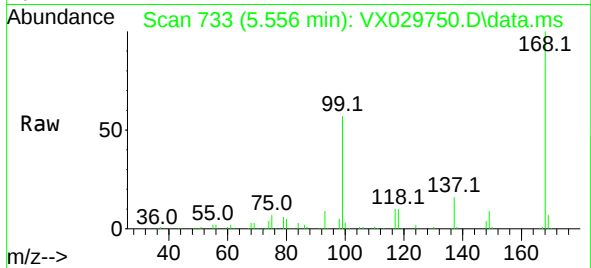




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029750.D
Acq: 23 Jun 2022 17:37

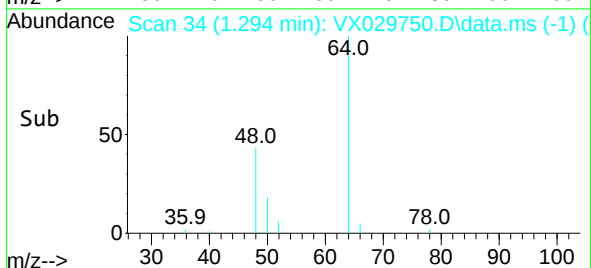
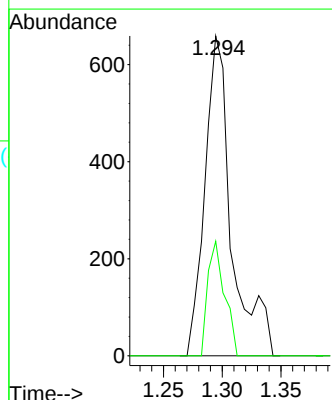
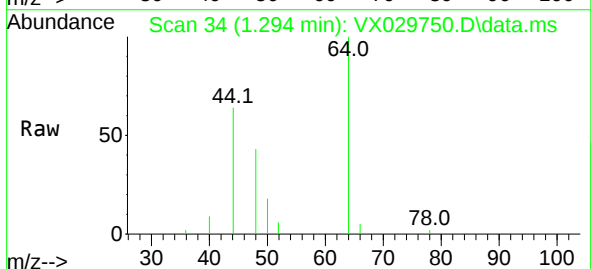
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

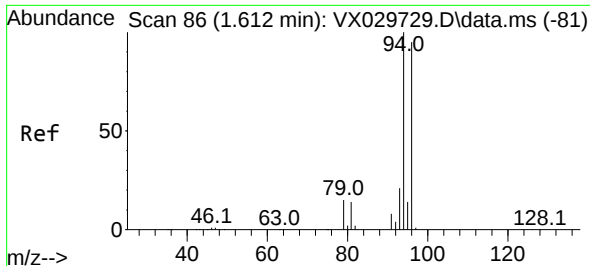
Tgt Ion:168 Resp: 257818
Ion Ratio Lower Upper
168 100
99 57.4 41.7 62.5



#3
Chloromethane
Concen: 0.308 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029750.D
Acq: 23 Jun 2022 17:37

Tgt Ion: 50 Resp: 1037
Ion Ratio Lower Upper
50 100
52 35.8 26.4 39.6

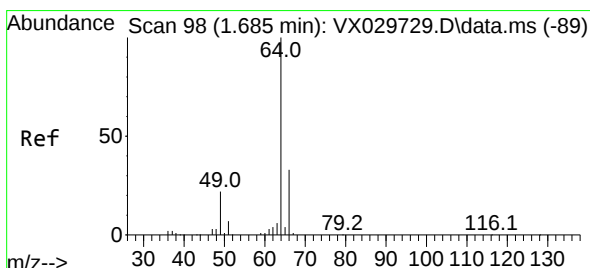
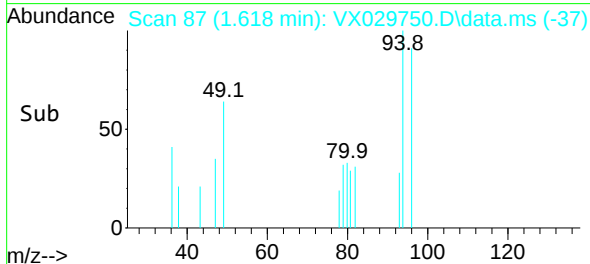
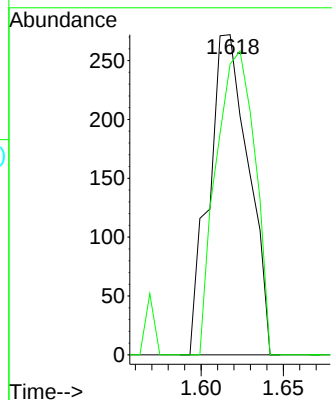
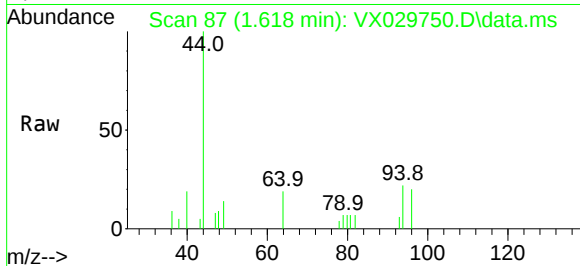




#5
Bromomethane
Concen: 0.288 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX029750.D
Acq: 23 Jun 2022 17:37

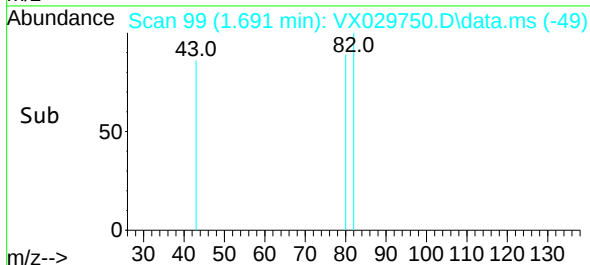
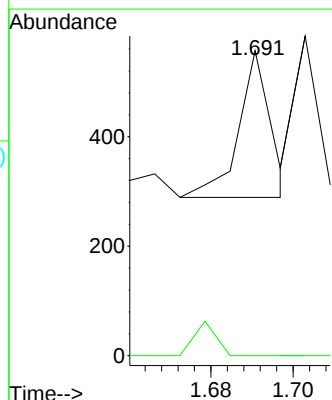
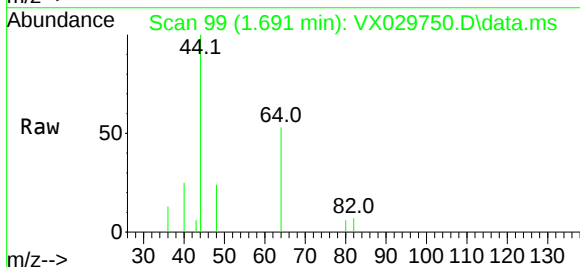
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

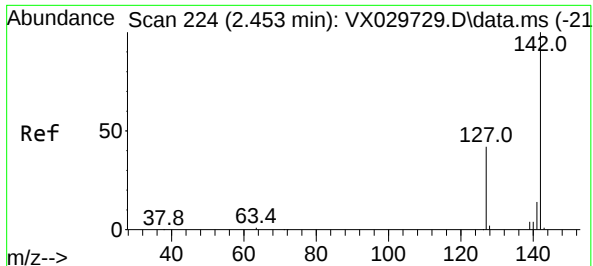
Tgt Ion: 94 Resp: 455
Ion Ratio Lower Upper
94 100
96 90.8 75.3 112.9



#6
Chloroethane
Concen: 1.351 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX029750.D
Acq: 23 Jun 2022 17:37

Tgt Ion: 64 Resp: 144
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

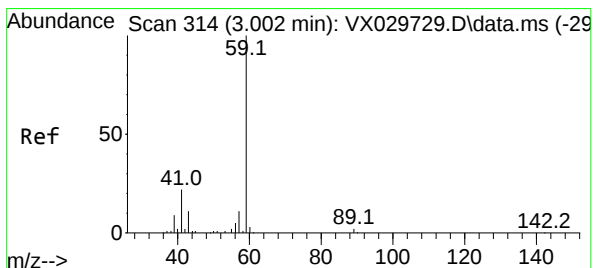
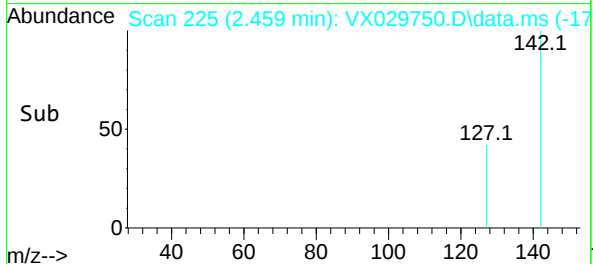
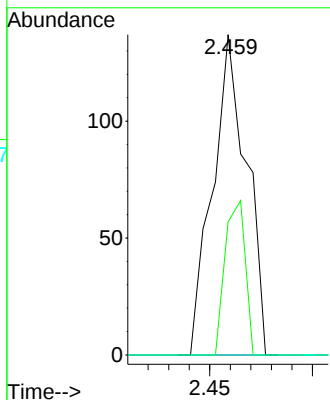
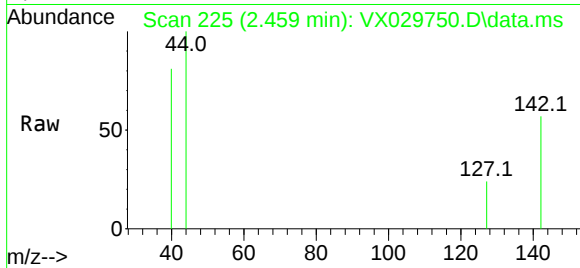




#10
Methyl Iodide
Concen: 3.065 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029750.D
Acq: 23 Jun 2022 17:37

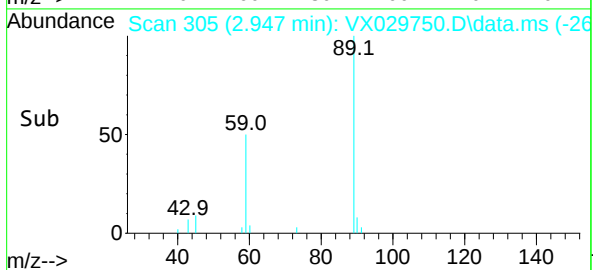
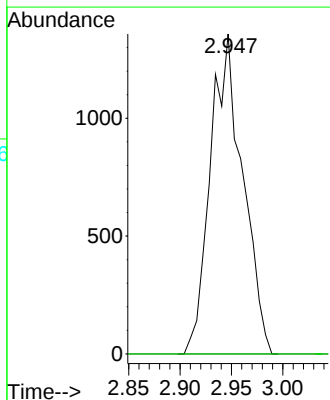
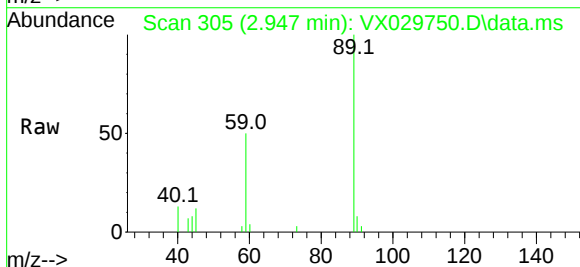
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

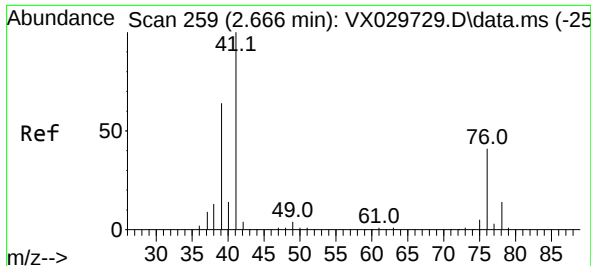
Tgt Ion:142 Resp: 157
Ion Ratio Lower Upper
142 100
127 28.7 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX029750.D
Acq: 23 Jun 2022 17:37

Tgt Ion: 59 Resp: 2972
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

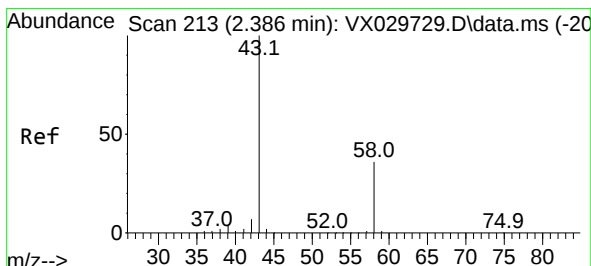
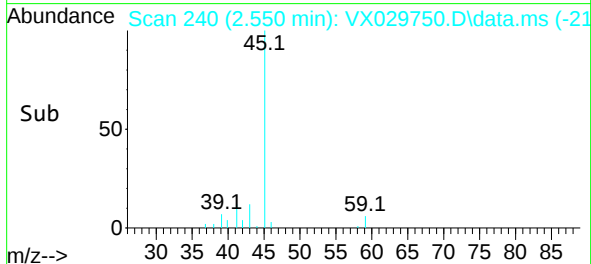
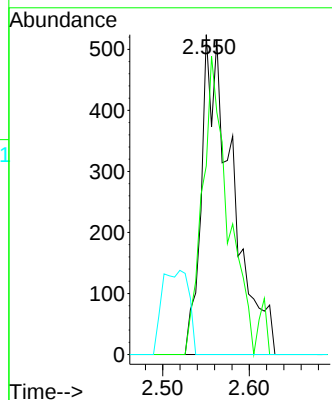
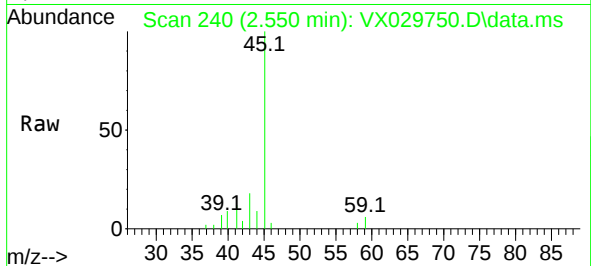




#14
 Allyl chloride
 Concen: 0.309 ug/l
 RT: 2.550 min Scan# 24
 Delta R.T. -0.116 min
 Lab File: VX029750.D
 Acq: 23 Jun 2022 17:37

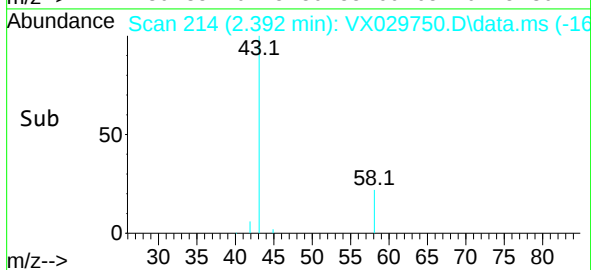
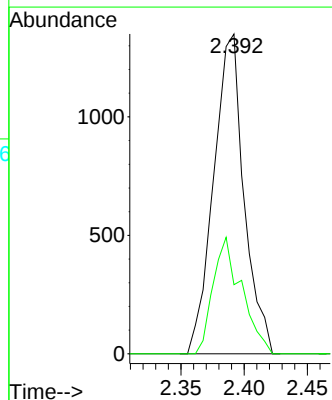
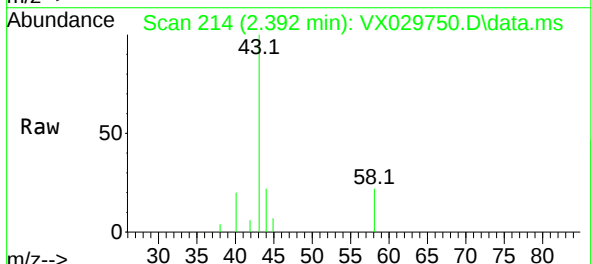
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

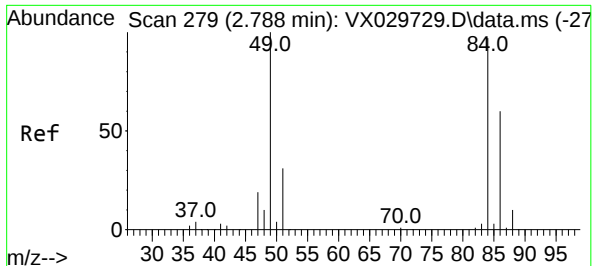
Tgt Ion: 41 Resp: 1304
 Ion Ratio Lower Upper
 41 100
 39 77.2 50.4 75.6#
 76 0.0 32.7 49.1#



#16
 Acetone
 Concen: 1.659 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VX029750.D
 Acq: 23 Jun 2022 17:37

Tgt Ion: 43 Resp: 2257
 Ion Ratio Lower Upper
 43 100
 58 21.6 28.8 43.2#





#20

Methylene Chloride

Concen: 0.368 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX029750.D

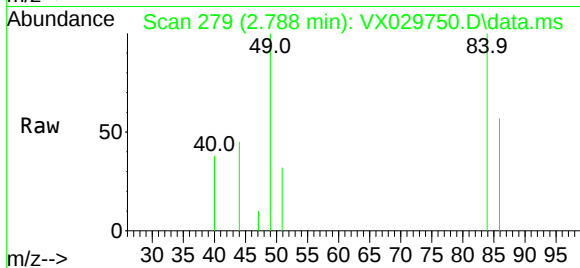
Acq: 23 Jun 2022 17:37

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5



Tgt Ion: 84 Resp: 1115

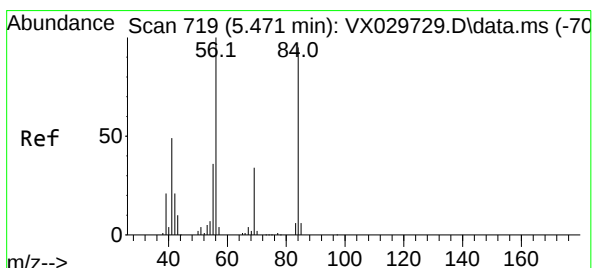
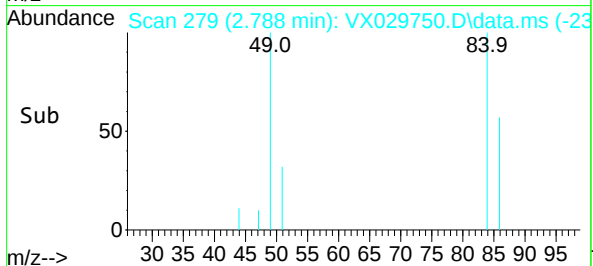
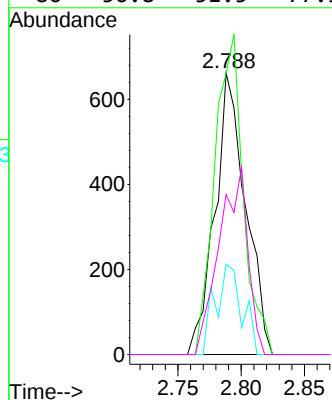
Ion Ratio Lower Upper

84 100

49 99.8 85.5 128.3

51 32.2 26.6 39.8

86 56.8 51.5 77.3



#31

Cyclohexane

Concen: 0.994 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX029750.D

Acq: 23 Jun 2022 17:37

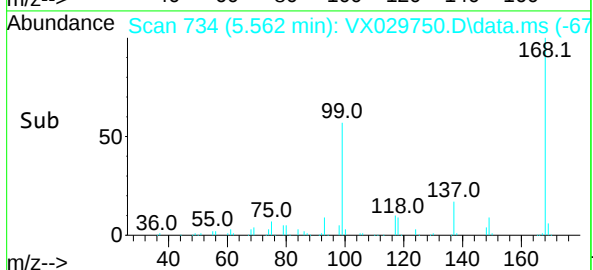
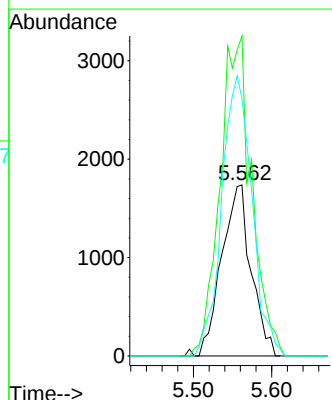
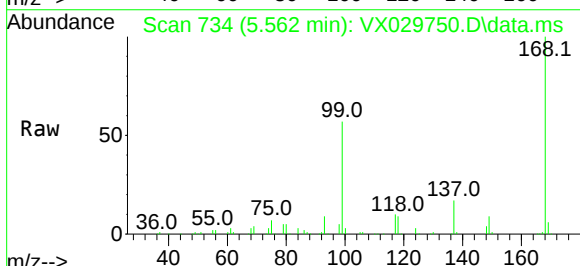
Tgt Ion: 56 Resp: 4555

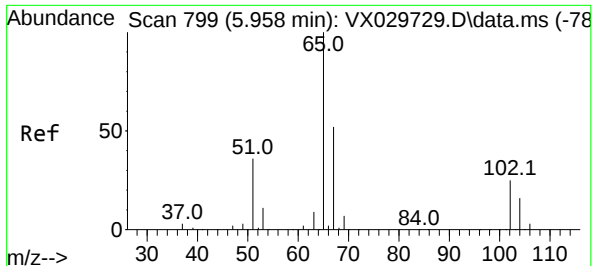
Ion Ratio Lower Upper

56 100

69 187.1 26.7 40.1#

84 150.4 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 43.272 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029750.D

Acq: 23 Jun 2022 17:37

Instrument :

MSVOA_X

ClientSampleId :

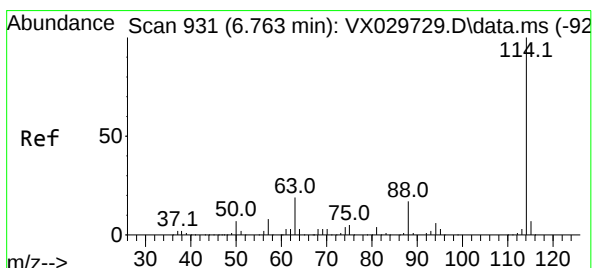
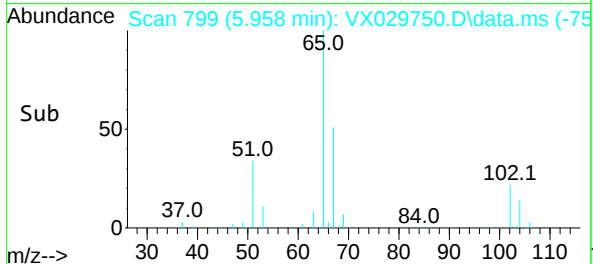
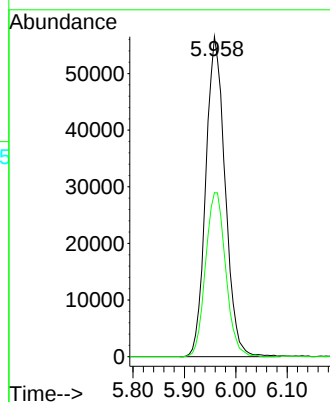
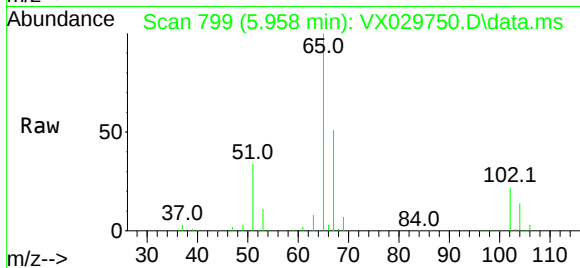
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 65 Resp: 147680

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX029750.D

Acq: 23 Jun 2022 17:37

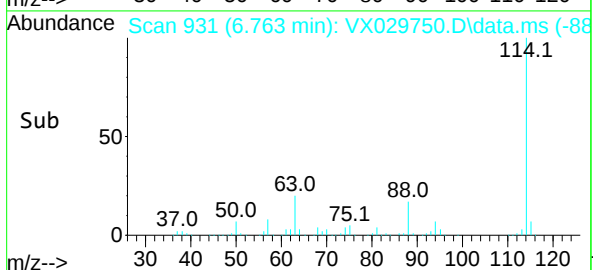
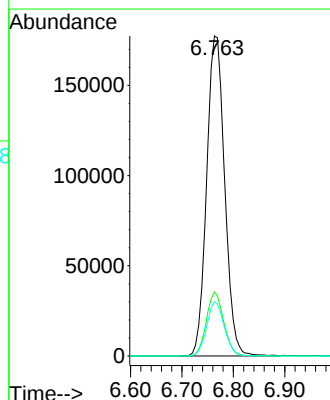
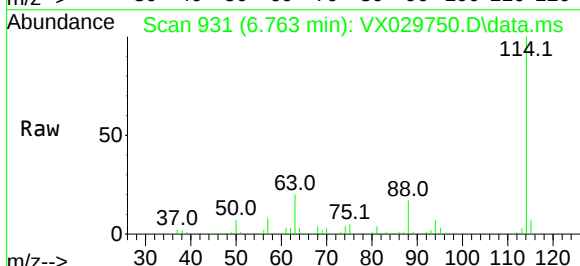
Tgt Ion: 114 Resp: 432307

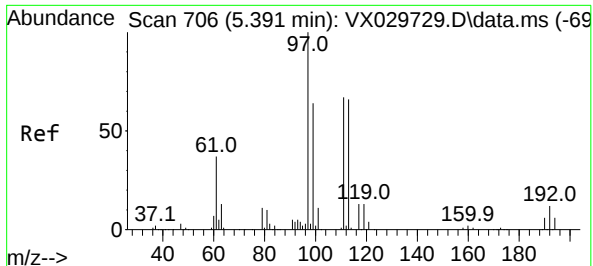
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.8

88 16.9 0.0 32.4

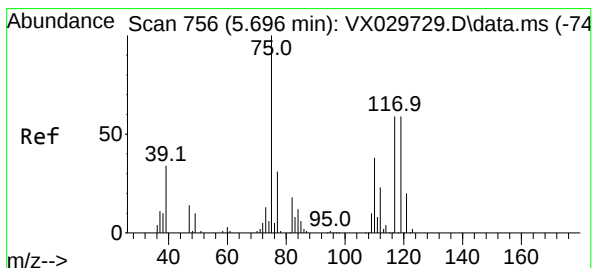
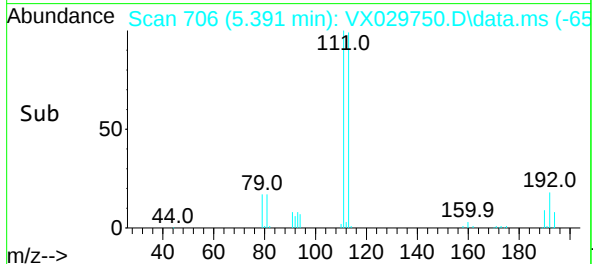
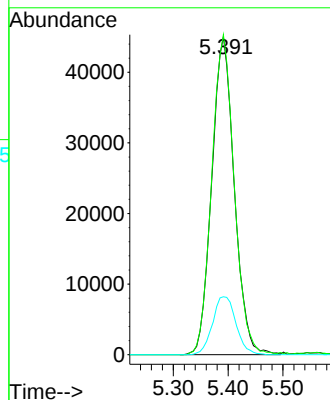
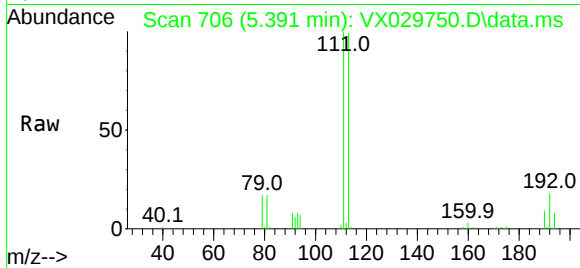




#35
Dibromofluoromethane
Concen: 45.527 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029750.D
Acq: 23 Jun 2022 17:37

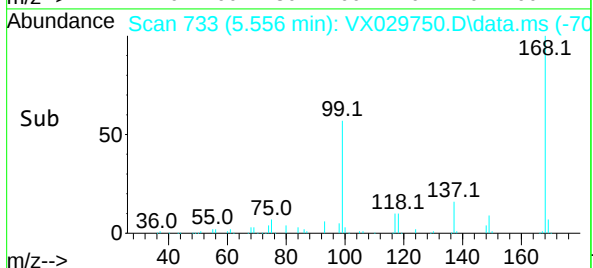
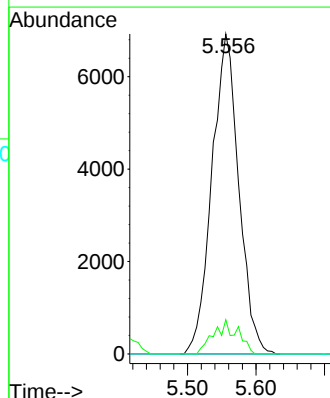
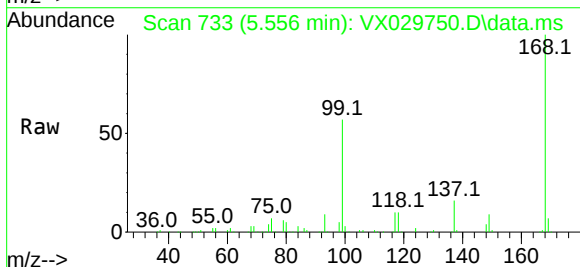
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

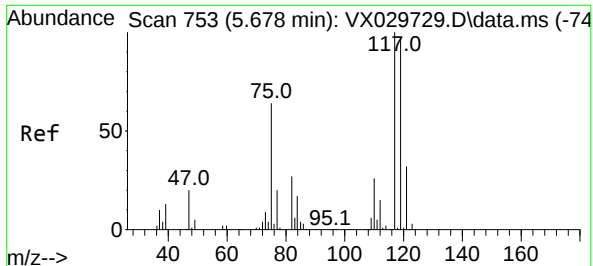
Tgt Ion:113 Resp: 128263
Ion Ratio Lower Upper
113 100
111 100.7 82.8 124.2
192 19.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.941 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029750.D
Acq: 23 Jun 2022 17:37

Tgt Ion: 75 Resp: 18840
Ion Ratio Lower Upper
75 100
110 9.5 18.3 54.8#
77 0.0 24.8 37.2#

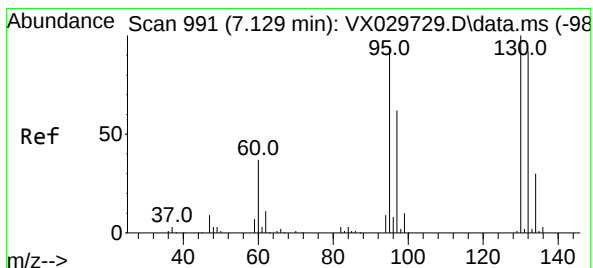
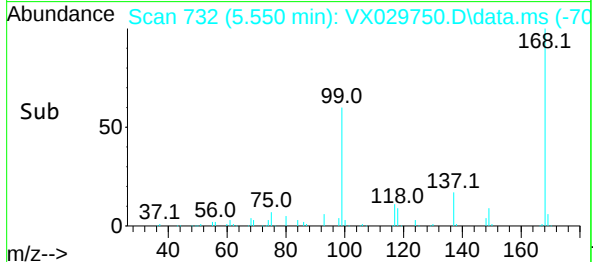
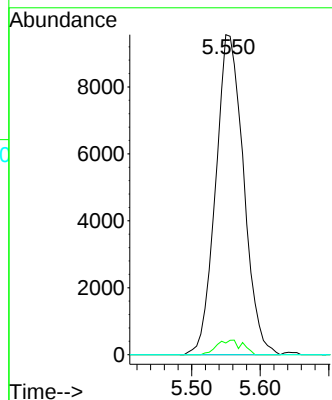
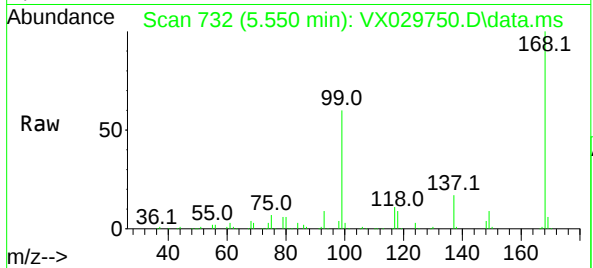




#38
Carbon Tetrachloride
Concen: 7.204 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX029750.D
Acq: 23 Jun 2022 17:37

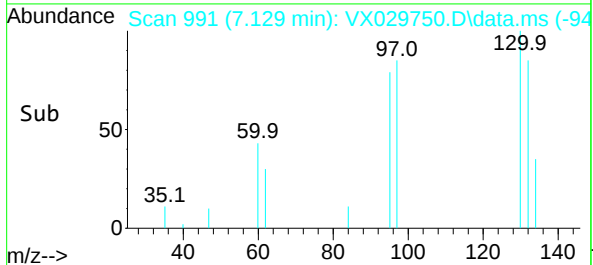
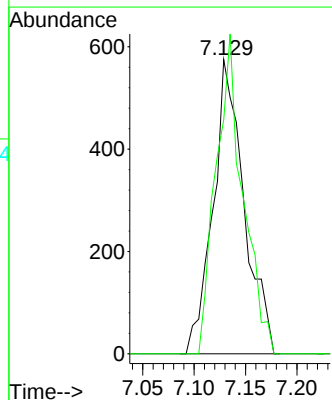
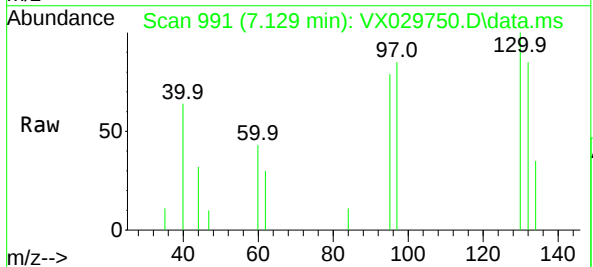
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

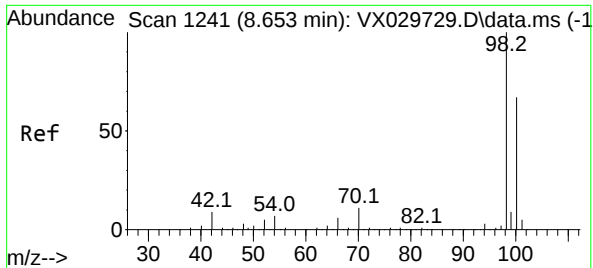
Tgt Ion:117 Resp: 27011
Ion Ratio Lower Upper
117 100
119 3.6 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029750.D
Acq: 23 Jun 2022 17:37

Tgt Ion:130 Resp: 1204
Ion Ratio Lower Upper
130 100
95 79.5 0.0 188.8





#50

Toluene-d8

Concen: 47.380 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029750.D

Acq: 23 Jun 2022 17:37

Instrument :

MSVOA_X

ClientSampleId :

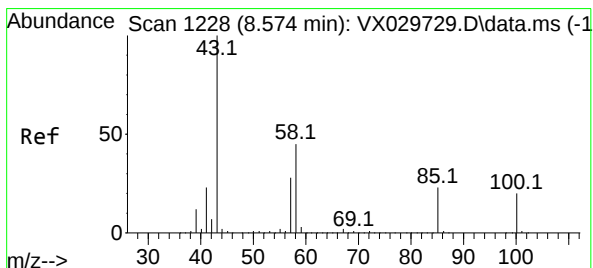
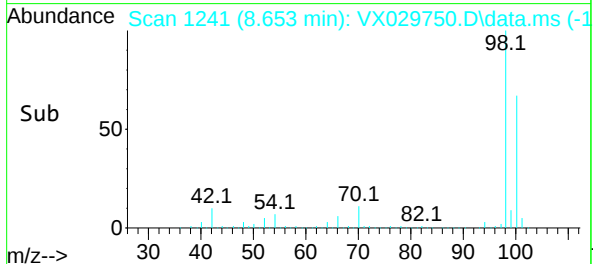
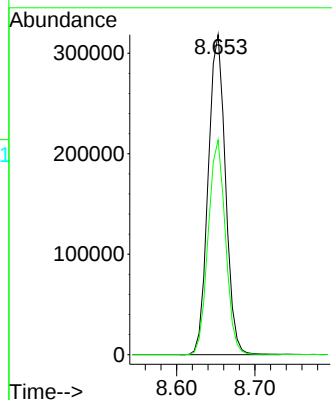
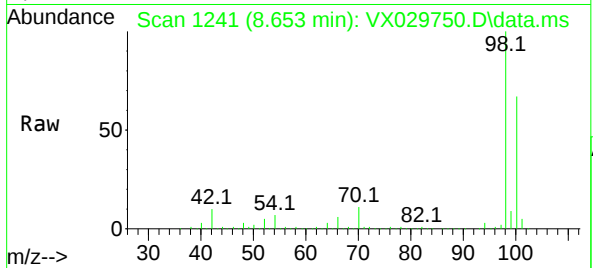
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 98 Resp: 487639

Ion Ratio Lower Upper

98 100

100 67.1 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.487 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX029750.D

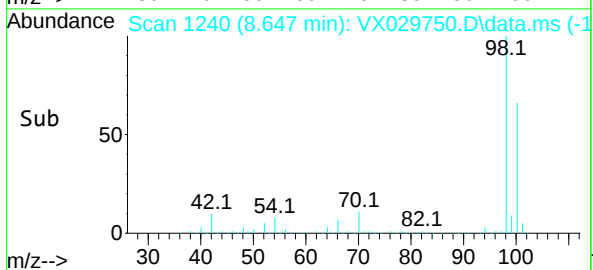
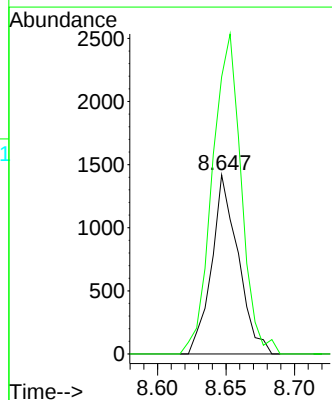
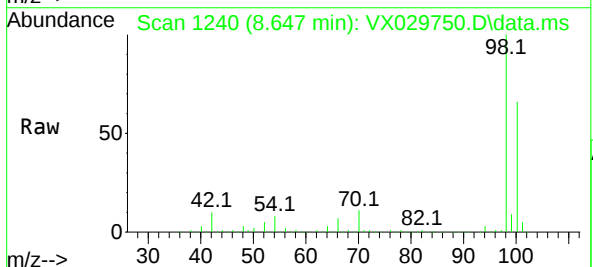
Acq: 23 Jun 2022 17:37

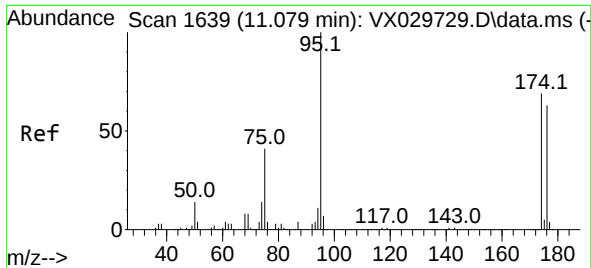
Tgt Ion: 43 Resp: 1909

Ion Ratio Lower Upper

43 100

58 194.7 36.1 54.1#





#62

4-Bromofluorobenzene

Concen: 45.000 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029750.D

Acq: 23 Jun 2022 17:37

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

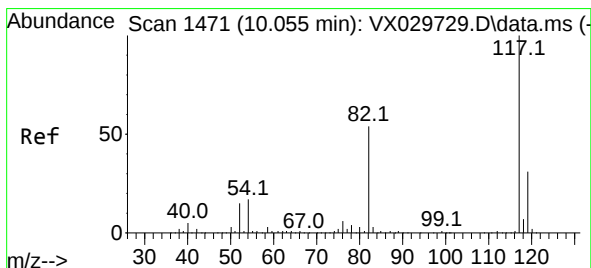
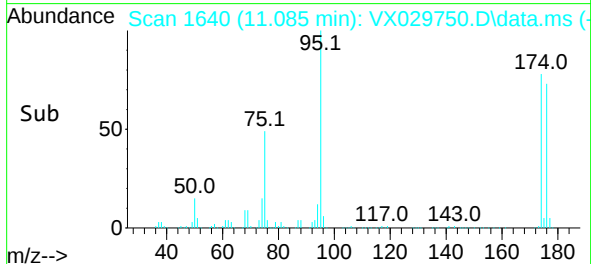
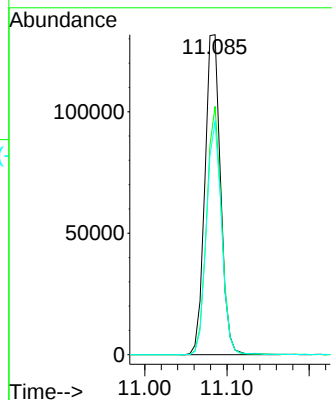
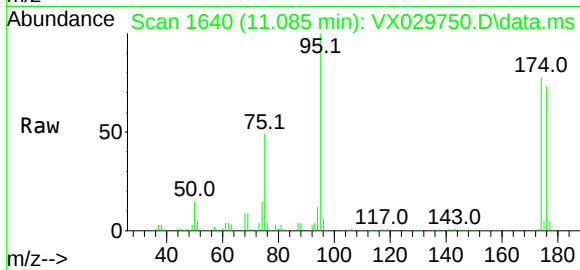
Tgt Ion: 95 Resp: 174658

Ion Ratio Lower Upper

95 100

174 73.8 0.0 163.0

176 70.3 0.0 155.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX029750.D

Acq: 23 Jun 2022 17:37

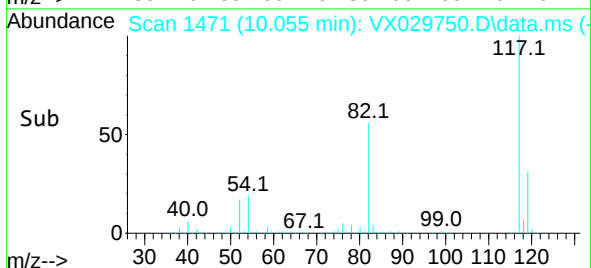
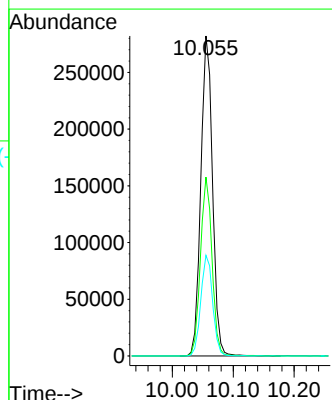
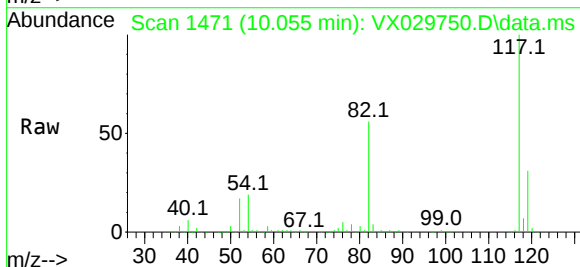
Tgt Ion: 117 Resp: 376656

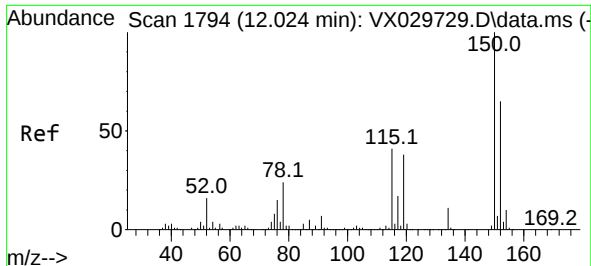
Ion Ratio Lower Upper

117 100

82 55.9 41.8 62.8

119 31.4 24.8 37.2

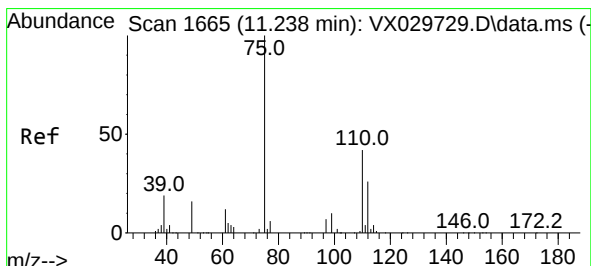
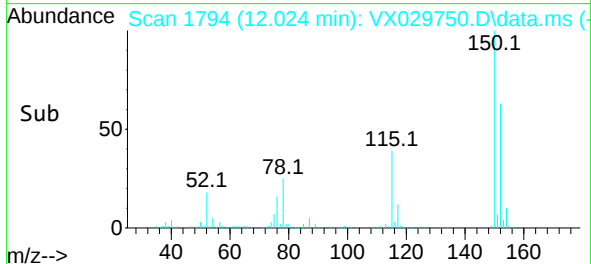
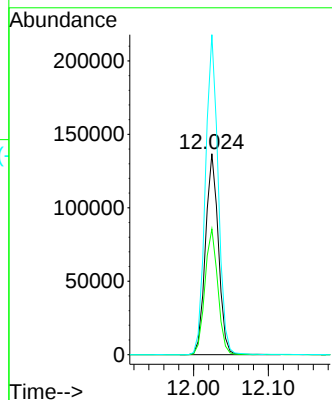
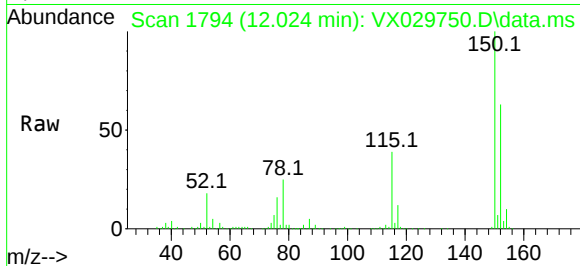




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029750.D
Acq: 23 Jun 2022 17:37

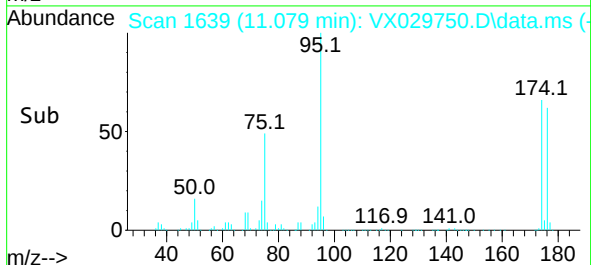
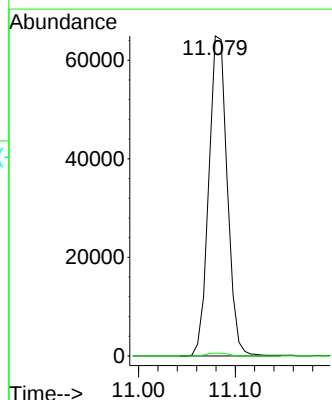
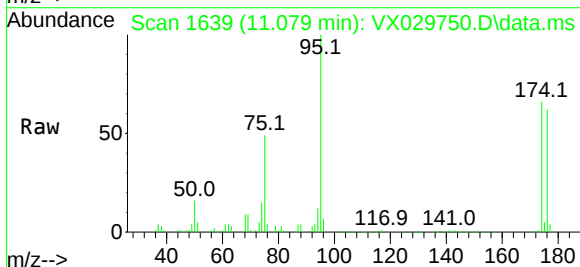
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

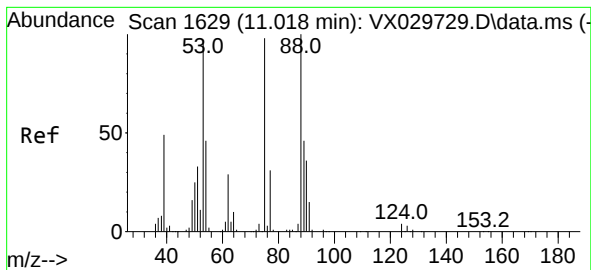
Tgt Ion:152 Resp: 163689
Ion Ratio Lower Upper
152 100
115 62.5 37.5 112.7
150 157.2 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 24.191 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029750.D
Acq: 23 Jun 2022 17:37

Tgt Ion: 75 Resp: 86263
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.476 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029750.D
 Acq: 23 Jun 2022 17:37

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

Tgt Ion: 75 Resp: 86263
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

