

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053122\
 Data File : VX029086.D
 Acq On : 31 May 2022 20:01
 Operator : JC/MD
 Sample : N3103-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jun 01 05:00:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

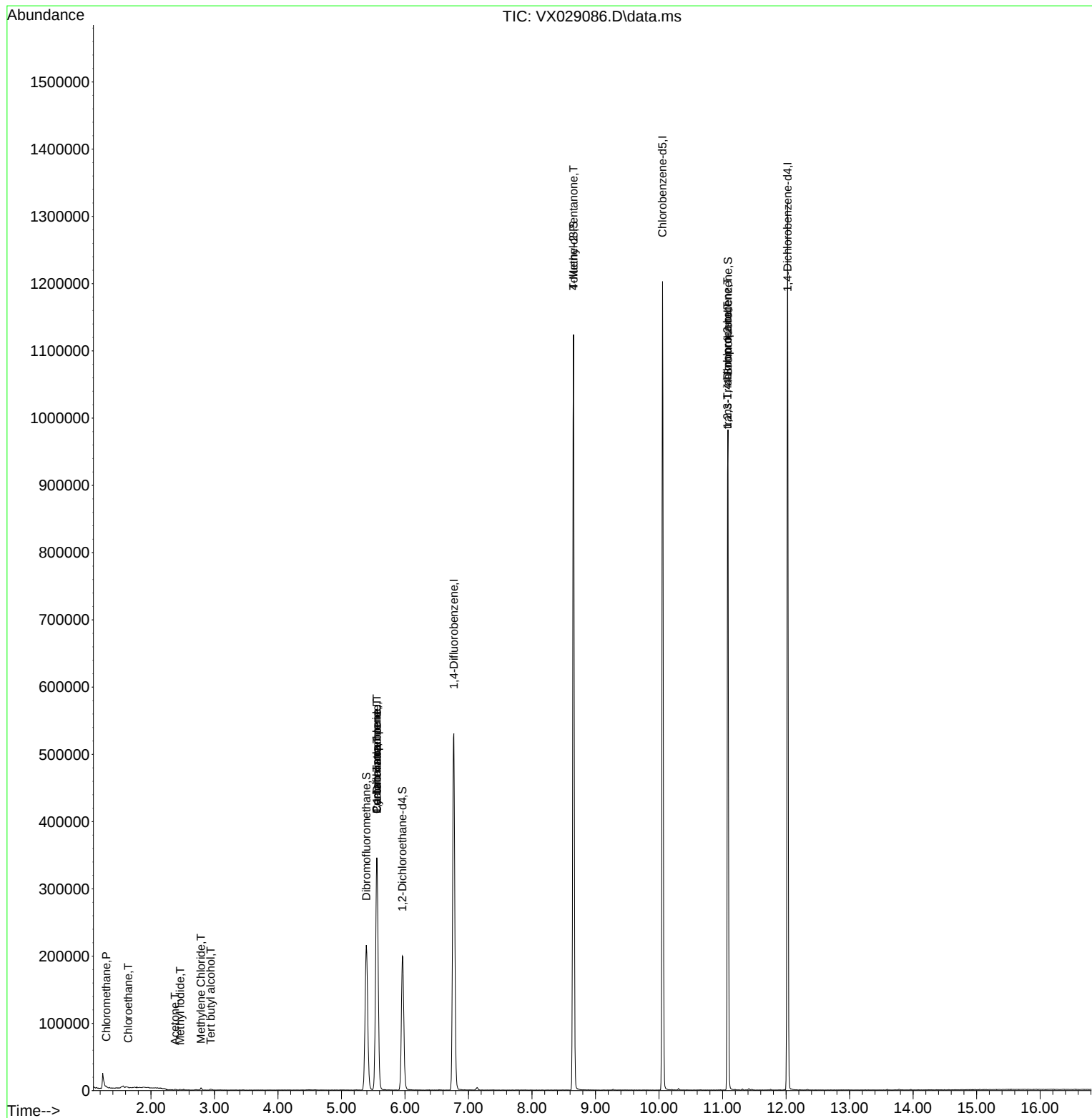
Internal Standards						
1) Pentafluorobenzene	5.556	168	344543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	588706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	575147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	280541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	194671	50.106	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.220%	
35) Dibromofluoromethane	5.391	113	193629	49.517	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.040%	
50) Toluene-d8	8.653	98	687213	48.051	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.100%	
62) 4-Bromofluorobenzene	11.085	95	272583	49.306	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	659	0.210	ug/l	96
5) Bromomethane	1.605	94	1097	Below Cal	#	66
6) Chloroethane	1.642	64	257	1.488	ug/l #	43
10) Methyl Iodide	2.459	142	943	4.449	ug/l #	87
11) Tert butyl alcohol	2.940	59	834	0.927	ug/l #	72
16) Acetone	2.380	43	996	0.651	ug/l	98
20) Methylene Chloride	2.788	84	1333	0.374	ug/l	96
31) Cyclohexane	5.556	56	5295	1.048	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	23219	4.615	ug/l #	51
38) Carbon Tetrachloride	5.556	117	34235	5.954	ug/l #	15
44) Trichloroethene	7.135	130	1714	Below Cal		69
51) 4-Methyl-2-Pentanone	8.653	43	2076	0.409	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	127919	22.493	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	127919	65.990	ug/l #	15
94) Hexachlorobutadiene	13.725	225	66	Below Cal	#	57

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

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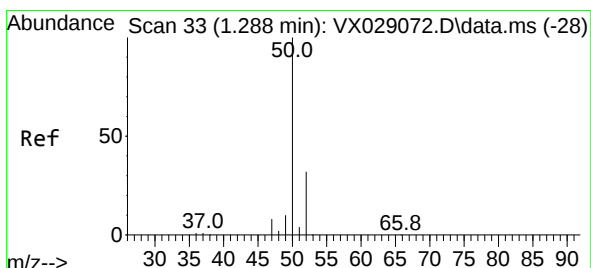
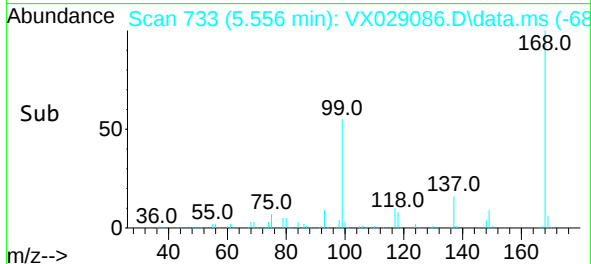
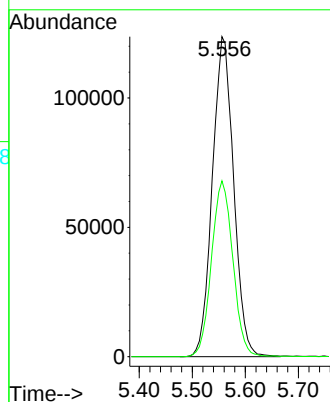
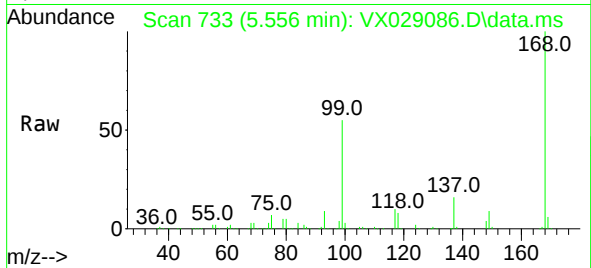




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029086.D
Acq: 31 May 2022 20:01

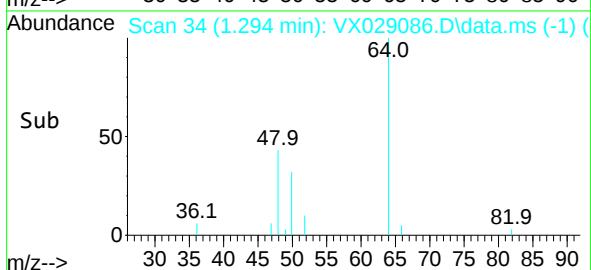
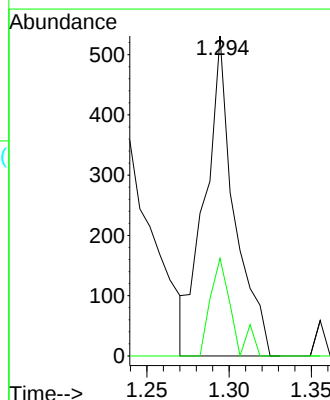
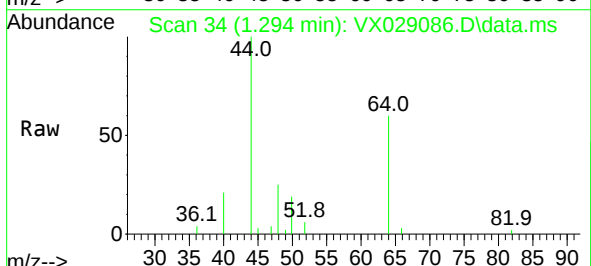
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 344543
Ion Ratio Lower Upper
168 100
99 55.0 41.7 62.5



#3
Chloromethane
Concen: 0.210 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029086.D
Acq: 31 May 2022 20:01

Tgt Ion: 50 Resp: 659
Ion Ratio Lower Upper
50 100
52 30.5 26.4 39.6

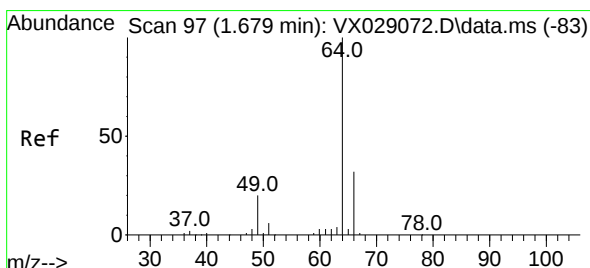
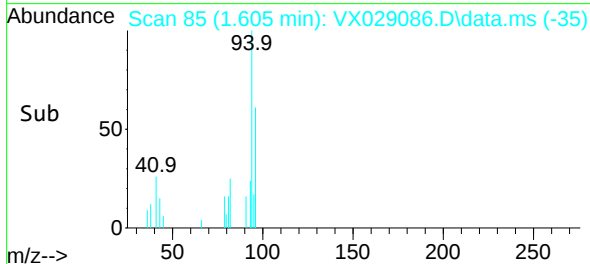
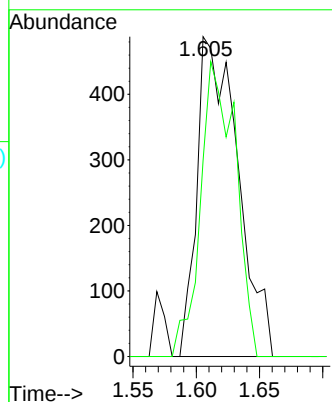
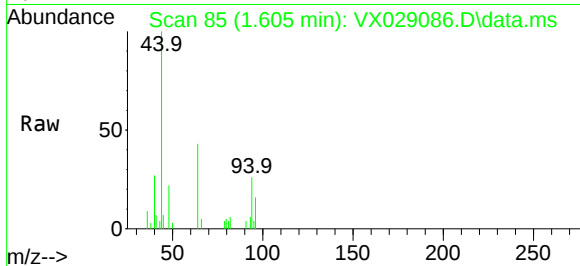




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX029086.D
Acq: 31 May 2022 20:01

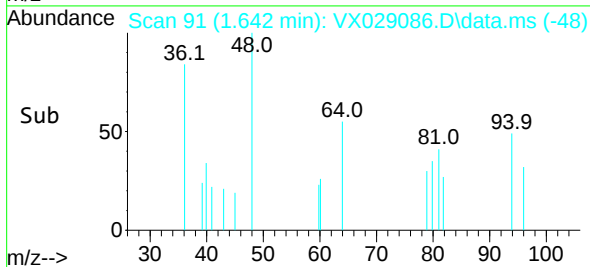
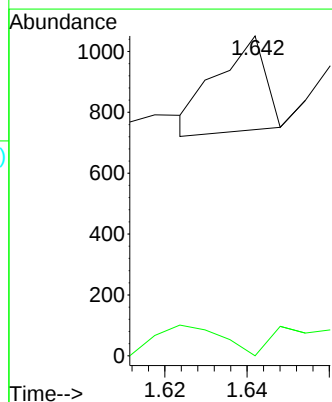
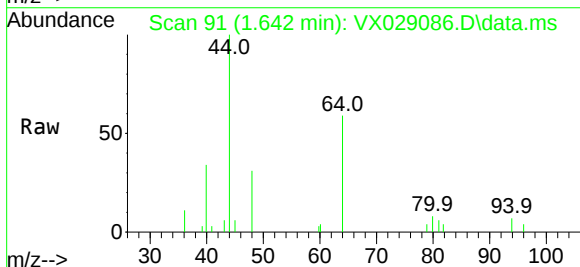
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ClientSampleId :
STORAGE-BLANK-WATER-REF-4

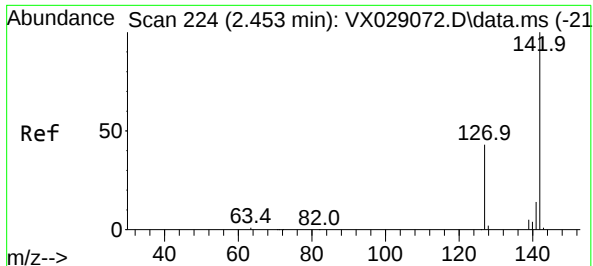
Tgt Ion: 94 Resp: 1097
Ion Ratio Lower Upper
94 100
96 61.3 75.3 112.9#



#6
Chloroethane
Concen: 1.488 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.037 min
Lab File: VX029086.D
Acq: 31 May 2022 20:01

Tgt Ion: 64 Resp: 257
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

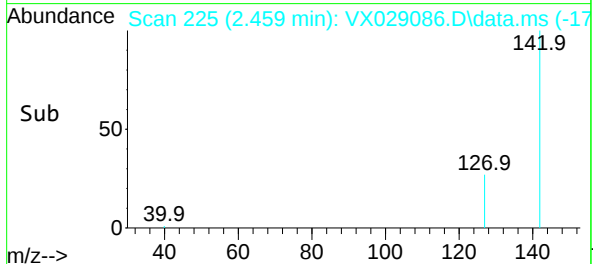
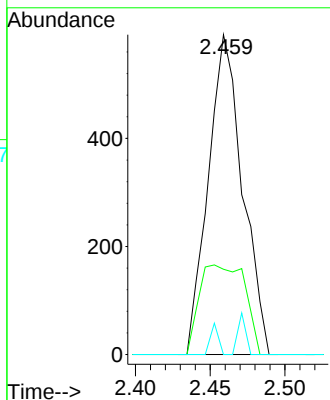
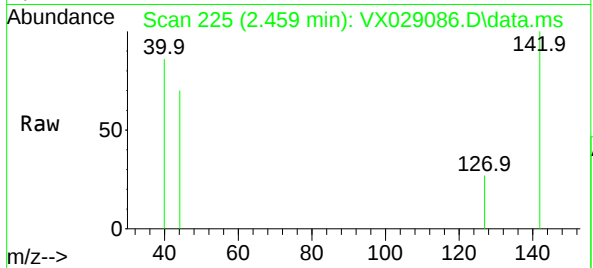




#10
Methyl Iodide
Concen: 4.449 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029086.D
Acq: 31 May 2022 20:01

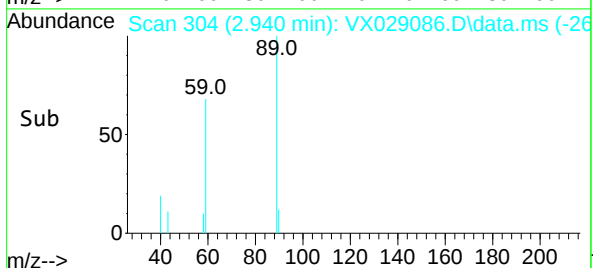
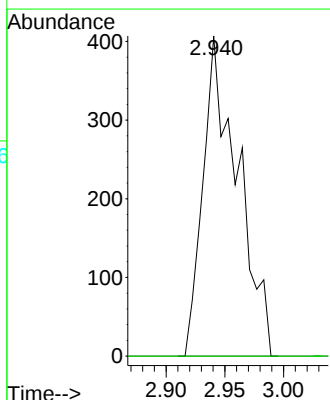
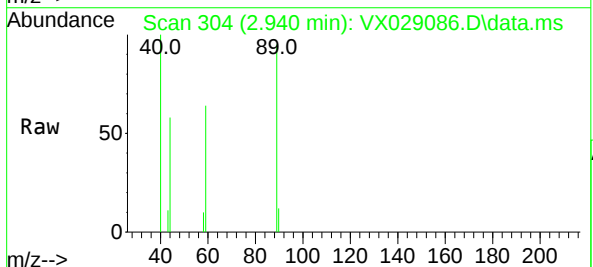
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

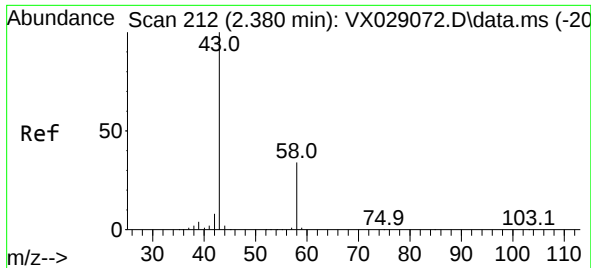
Tgt Ion:142 Resp: 943
Ion Ratio Lower Upper
142 100
127 37.3 33.9 50.9
141 2.2 11.4 17.2#



#11
Tert butyl alcohol
Concen: 0.927 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.031 min
Lab File: VX029086.D
Acq: 31 May 2022 20:01

Tgt Ion: 59 Resp: 834
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

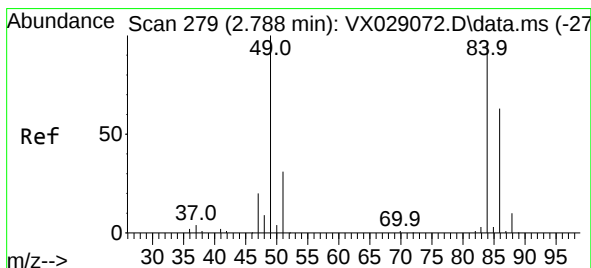
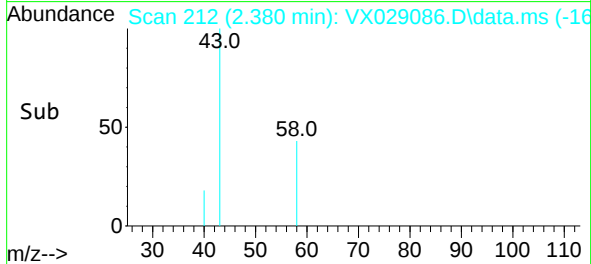
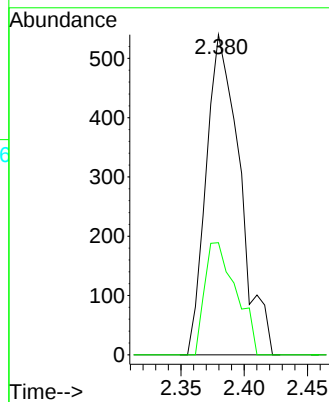
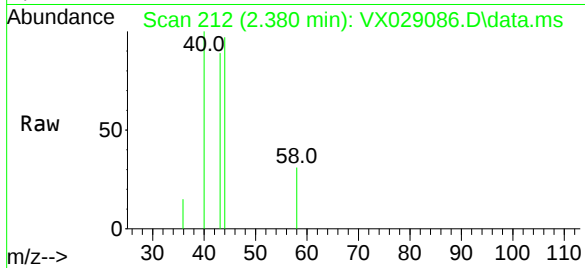




#16
Acetone
Concen: 0.651 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029086.D
Acq: 31 May 2022 20:01

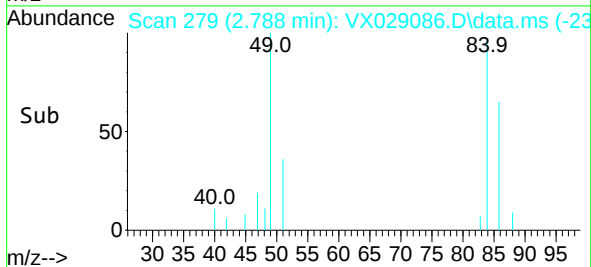
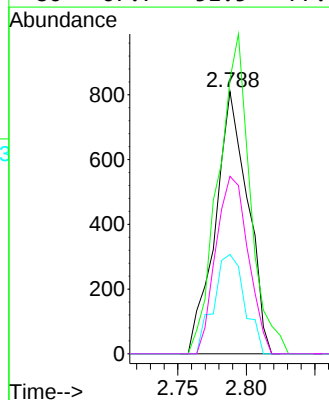
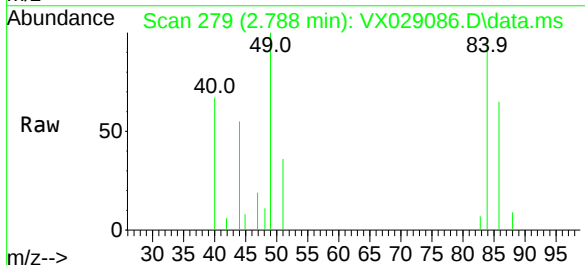
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

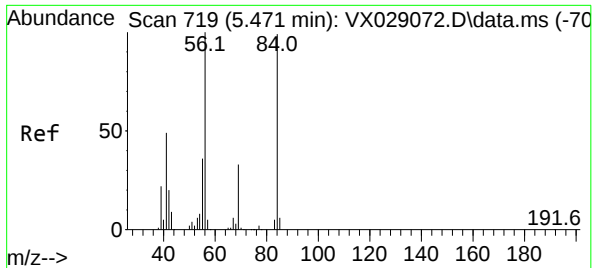
Tgt Ion: 43 Resp: 996
Ion Ratio Lower Upper
43 100
58 35.0 28.8 43.2



#20
Methylene Chloride
Concen: 0.374 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX029086.D
Acq: 31 May 2022 20:01

Tgt Ion: 84 Resp: 1333
Ion Ratio Lower Upper
84 100
49 104.6 85.5 128.3
51 37.9 26.6 39.8
86 67.7 51.5 77.3

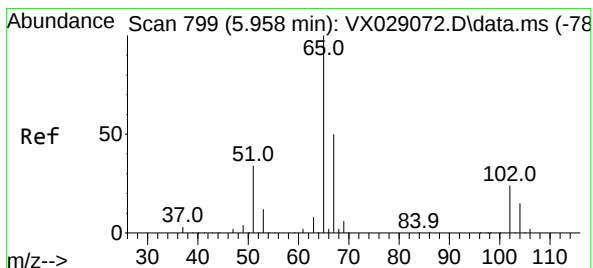
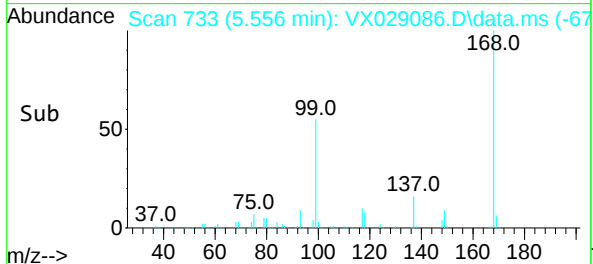
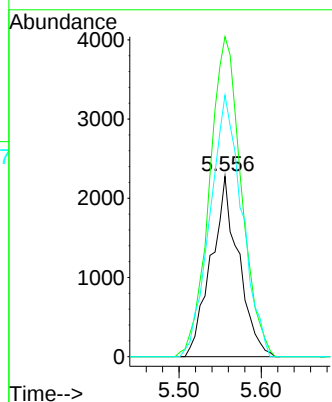
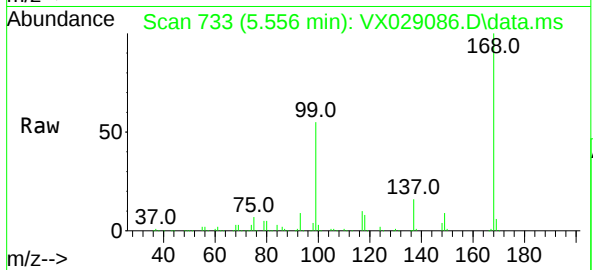




#31
Cyclohexane
Concen: 1.048 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX029086.D
Acq: 31 May 2022 20:01

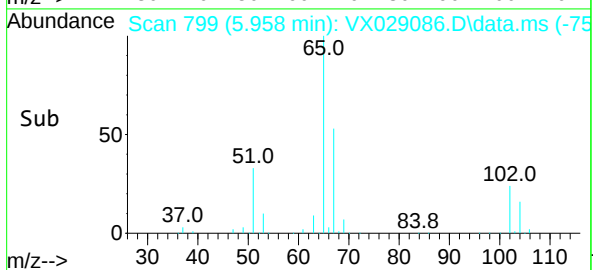
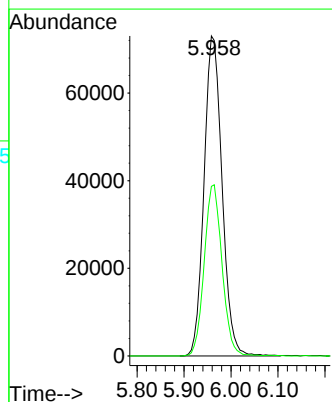
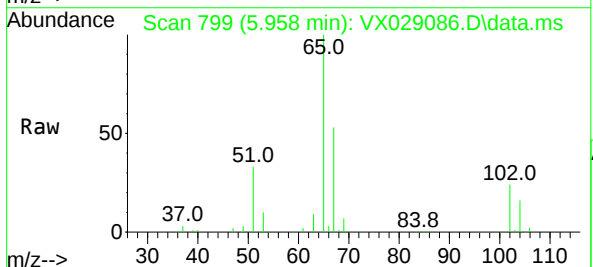
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

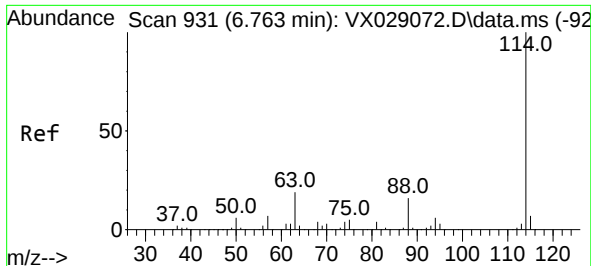
Tgt Ion: 56 Resp: 5295
Ion Ratio Lower Upper
56 100
69 177.4 26.7 40.1#
84 145.0 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 50.106 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029086.D
Acq: 31 May 2022 20:01

Tgt Ion: 65 Resp: 194671
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.4

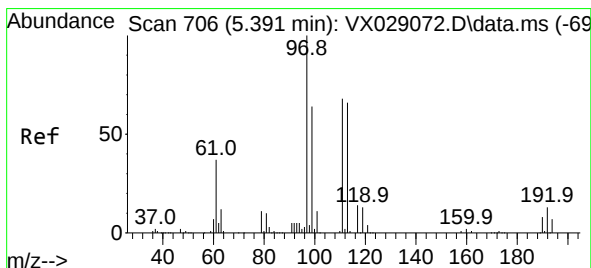
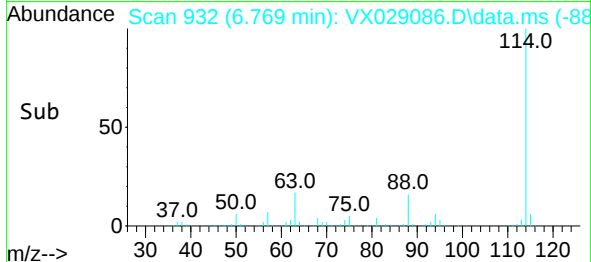
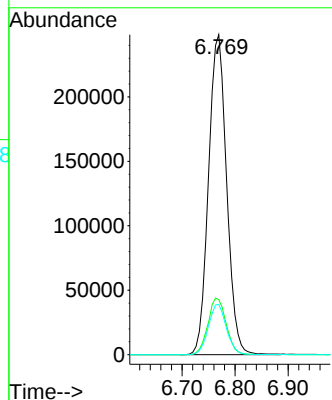
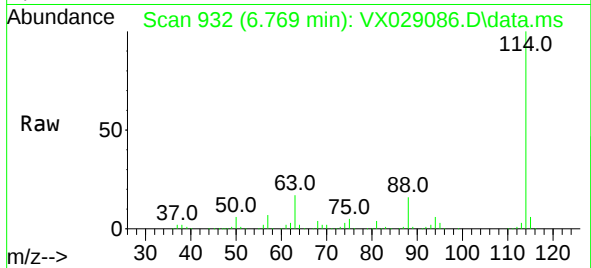




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX029086.D
Acq: 31 May 2022 20:01

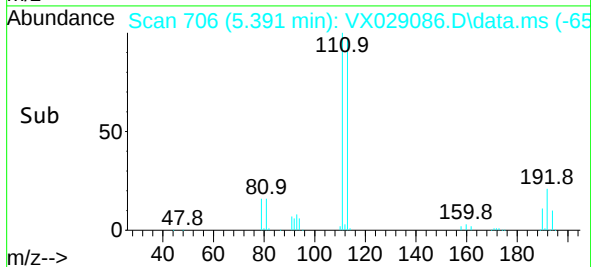
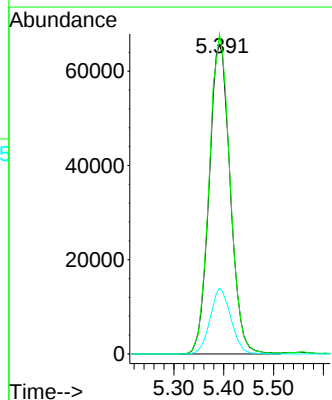
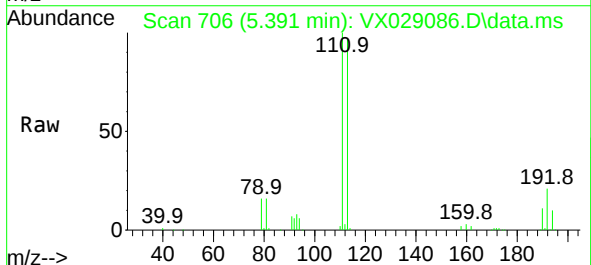
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MSVOA_X
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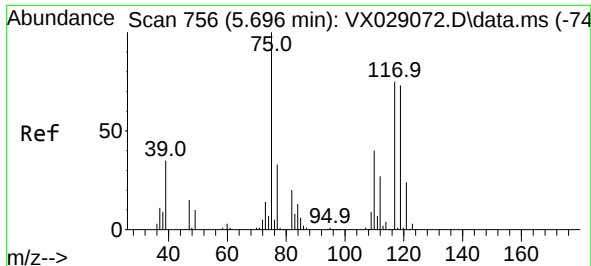
Tgt Ion:114 Resp: 588706
Ion Ratio Lower Upper
114 100
63 17.2 0.0 36.8
88 15.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.517 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029086.D
Acq: 31 May 2022 20:01

Tgt Ion:113 Resp: 193629
Ion Ratio Lower Upper
113 100
111 101.9 82.8 124.2
192 20.7 16.9 25.3

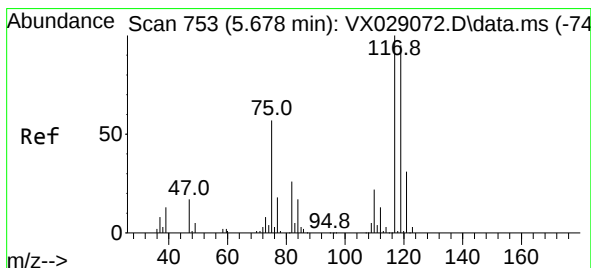
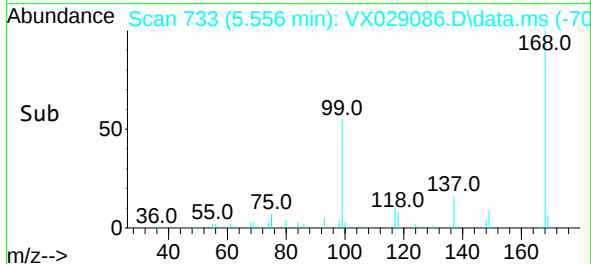
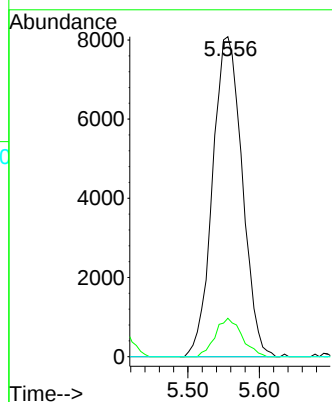
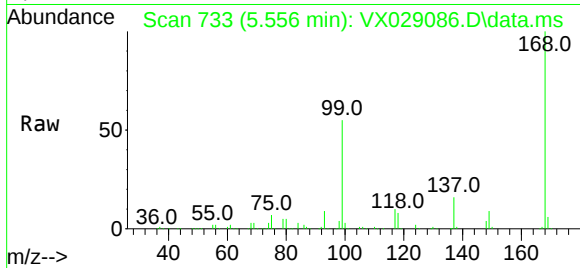




#36
1,1-Dichloropropene
Concen: 4.615 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX029086.D
Acq: 31 May 2022 20:01

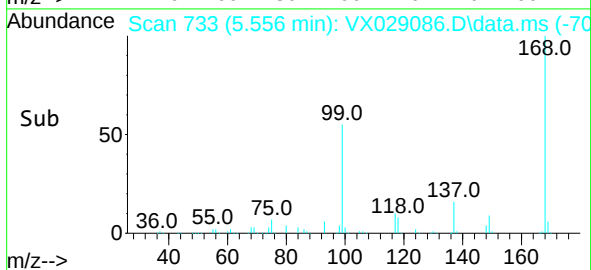
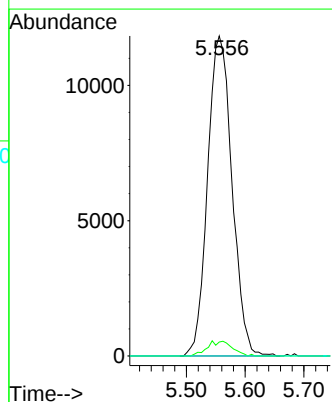
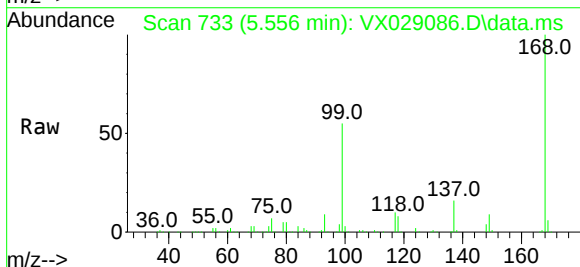
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

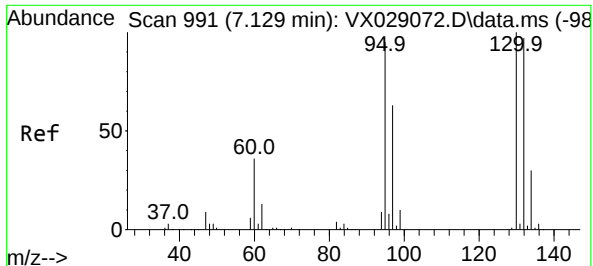
Tgt Ion: 75 Resp: 23219
Ion Ratio Lower Upper
75 100
110 10.9 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.954 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX029086.D
Acq: 31 May 2022 20:01

Tgt Ion: 117 Resp: 34235
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.2 36.2#

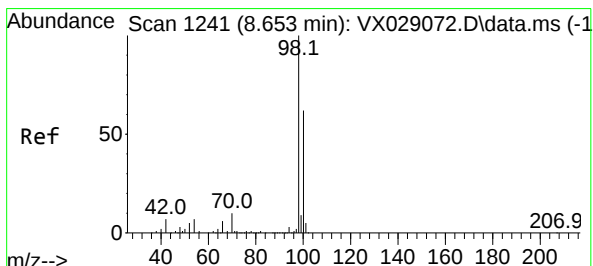
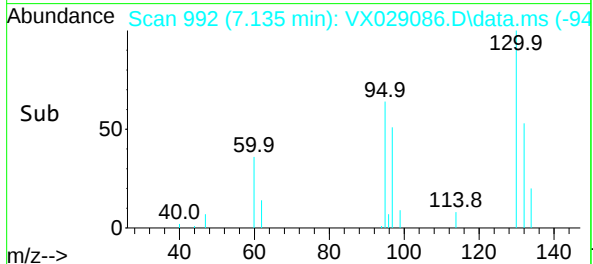
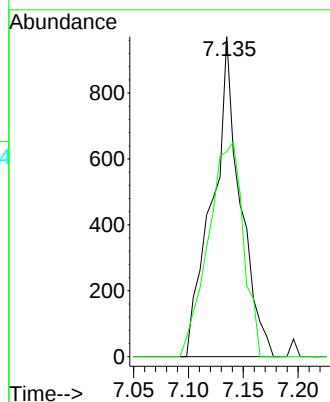
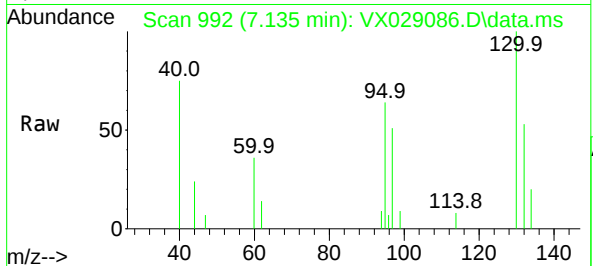




#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX029086.D
Acq: 31 May 2022 20:01

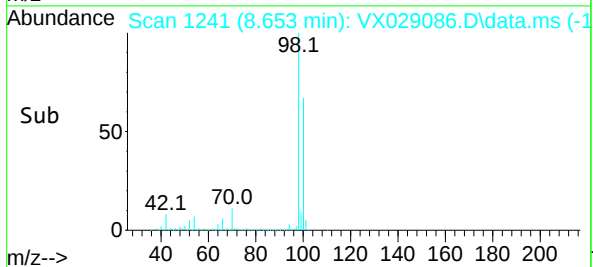
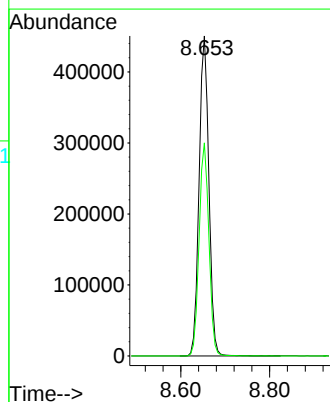
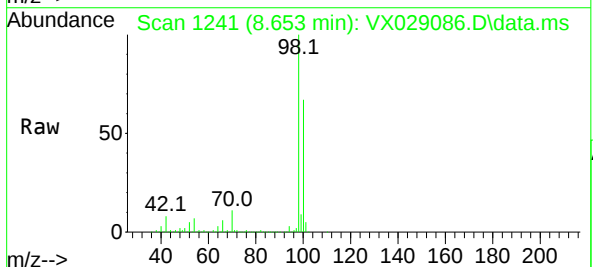
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

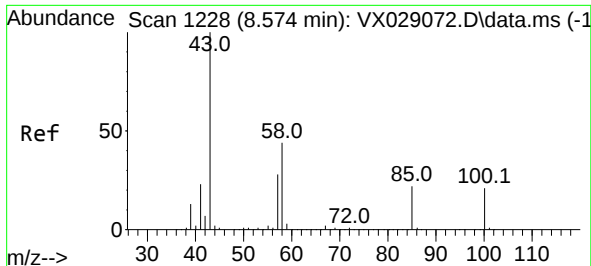
Tgt Ion:130 Resp: 1714
Ion Ratio Lower Upper
130 100
95 64.1 0.0 188.8



#50
Toluene-d8
Concen: 48.051 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029086.D
Acq: 31 May 2022 20:01

Tgt Ion: 98 Resp: 687213
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.409 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX029086.D

Acq: 31 May 2022 20:01

Instrument :

MSVOA_X

ClientSampleId :

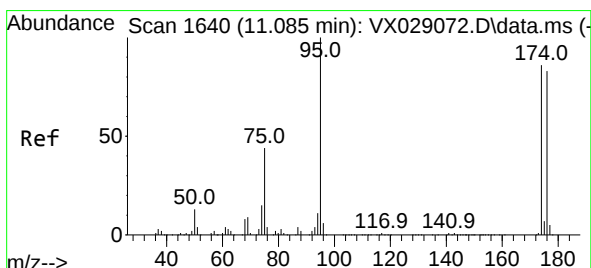
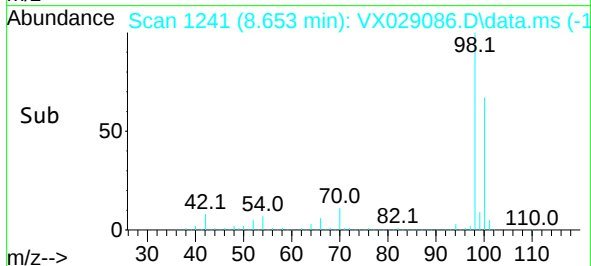
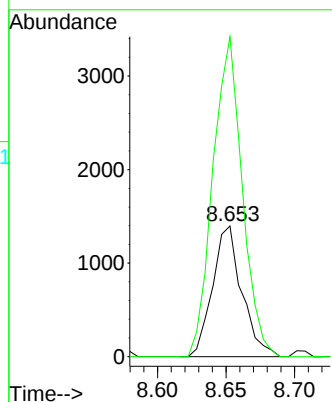
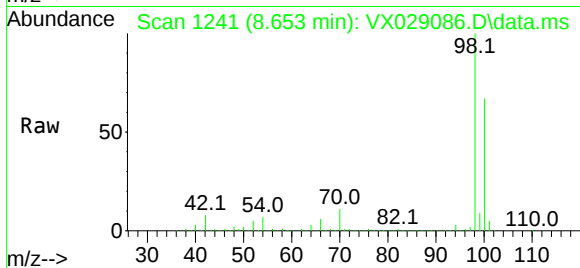
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 43 Resp: 2076

Ion Ratio Lower Upper

43 100

58 245.4 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 49.306 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX029086.D

Acq: 31 May 2022 20:01

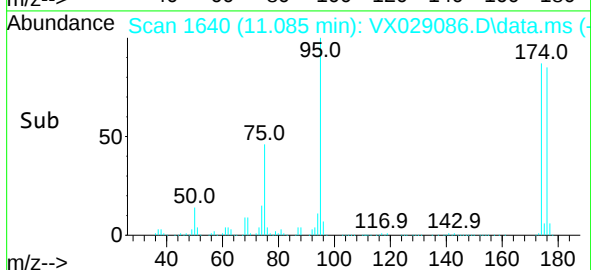
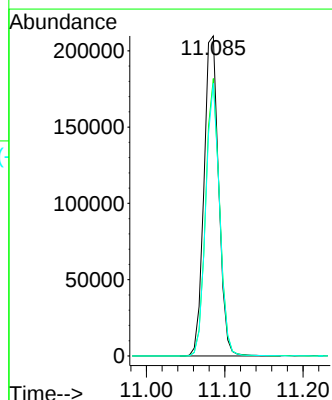
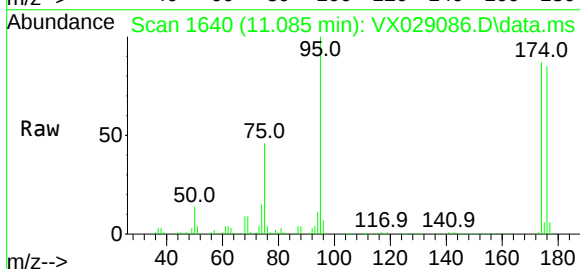
Tgt Ion: 95 Resp: 272583

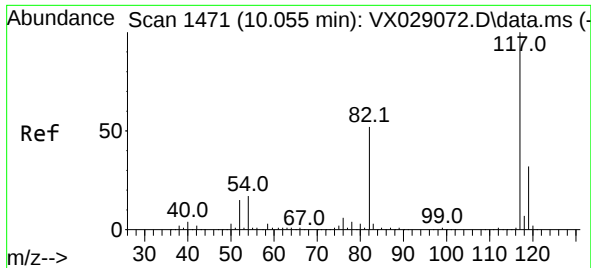
Ion Ratio Lower Upper

95 100

174 82.1 0.0 163.0

176 80.6 0.0 155.0

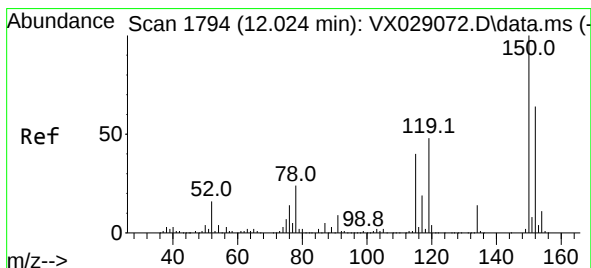
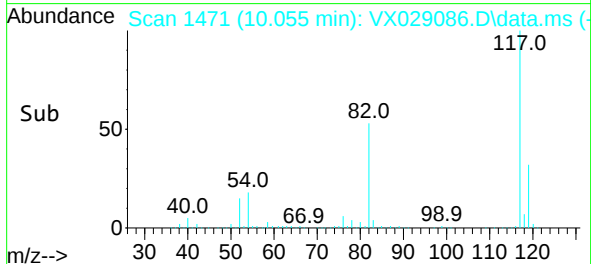
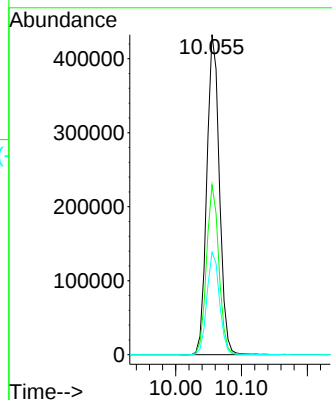
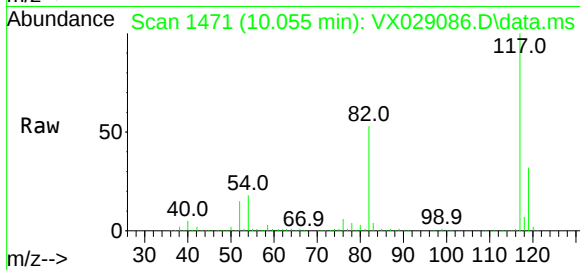




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029086.D
Acq: 31 May 2022 20:01

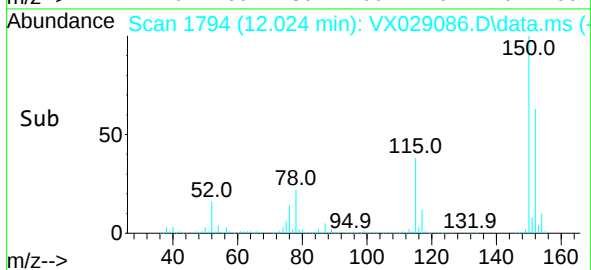
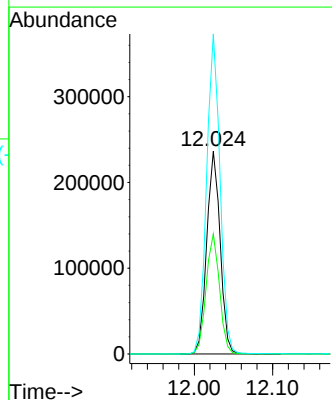
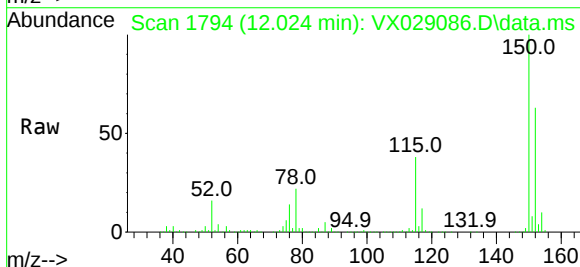
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

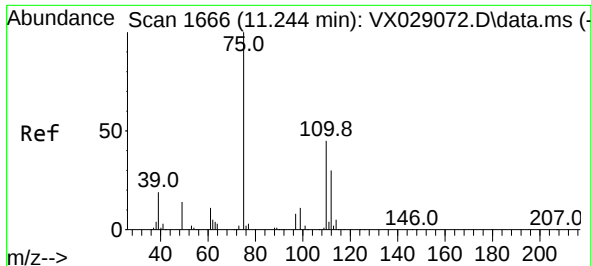
Tgt Ion:117 Resp: 575147
Ion Ratio Lower Upper
117 100
82 53.1 41.8 62.8
119 32.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029086.D
Acq: 31 May 2022 20:01

Tgt Ion:152 Resp: 280541
Ion Ratio Lower Upper
152 100
115 59.3 37.5 112.7
150 157.3 0.0 338.2

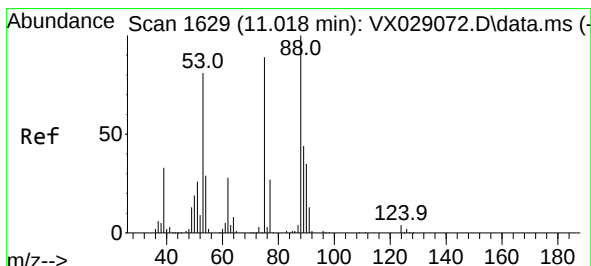
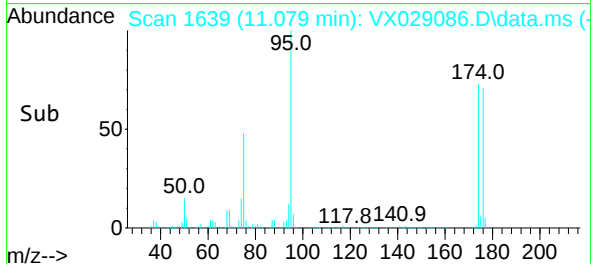
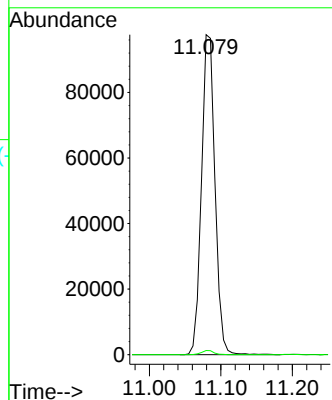
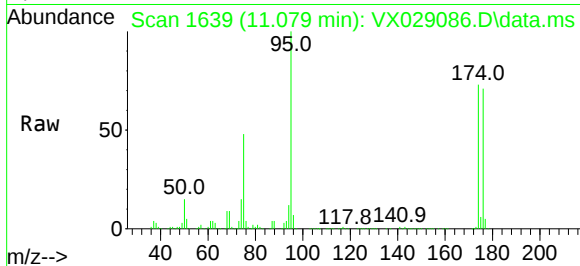




#76
1,2,3-Trichloropropane
Concen: 22.493 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029086.D
Acq: 31 May 2022 20:01

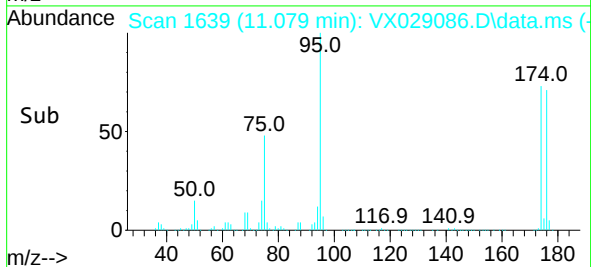
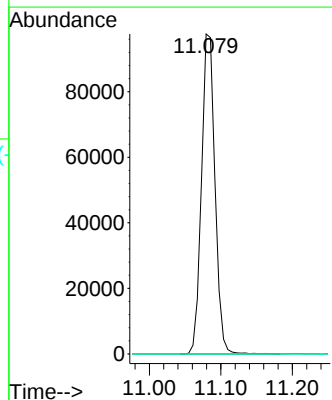
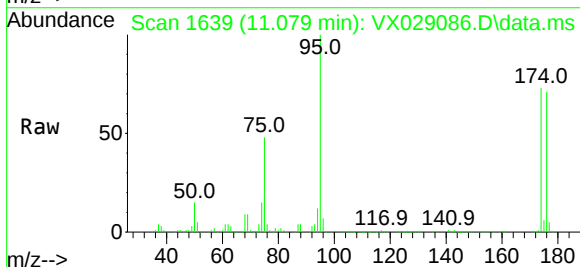
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

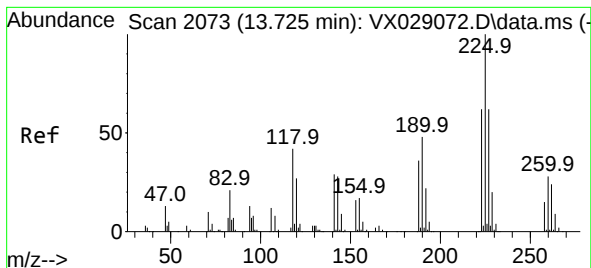
Tgt Ion: 75 Resp: 127919
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.990 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029086.D
Acq: 31 May 2022 20:01

Tgt Ion: 75 Resp: 127919
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 13.725 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX029086.D

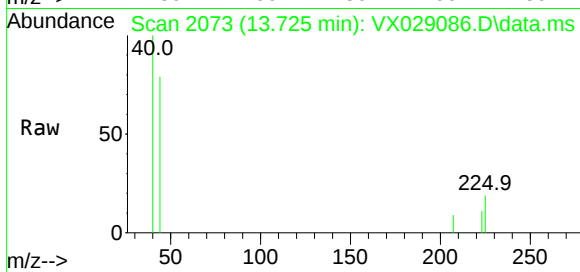
Acq: 31 May 2022 20:01

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



Tgt Ion:225 Resp: 66

Ion Ratio Lower Upper

225 100

223 69.7 34.2 102.5

227 0.0 33.9 101.7#

