

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030775.D
 Acq On : 25 Aug 2022 16:48
 Operator : JC/MD
 Sample : N4266-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 26 02:40:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

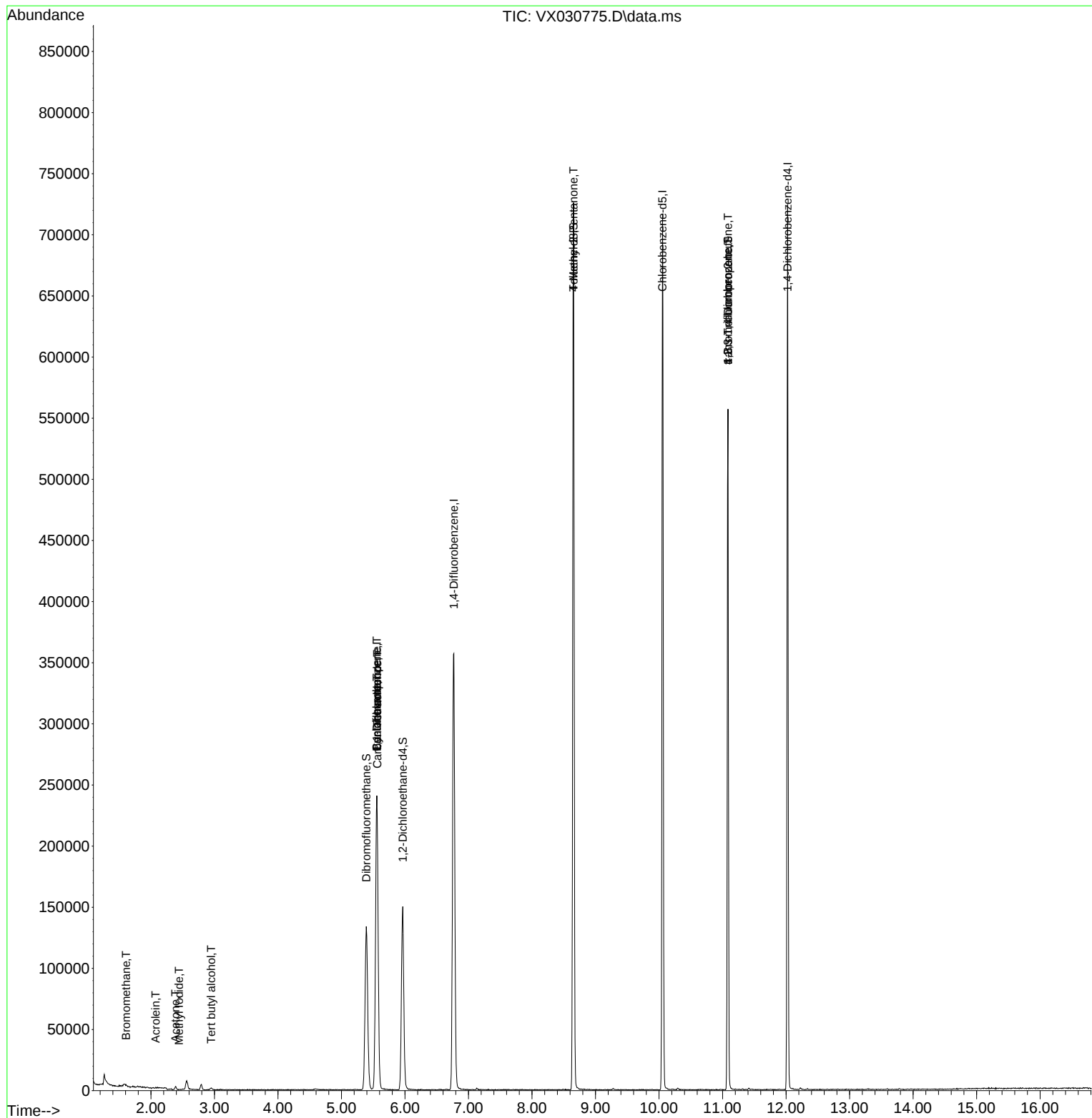
Internal Standards						
1) Pentafluorobenzene	5.556	168	231972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	386521	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	341302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	137755	50.485	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.980%	
35) Dibromofluoromethane	5.391	113	120256	50.624	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.240%	
50) Toluene-d8	8.653	98	444977	53.755	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.520%	
62) 4-Bromofluorobenzene	11.085	95	147931	48.001	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.000%	
Target Compounds						Qvalue
3) Chloromethane	1.288	50	649	Below Cal		95
4) Vinyl Chloride	1.361	62	22	Below Cal	#	1
5) Bromomethane	1.605	94	249	0.230	ug/l #	79
6) Chloroethane	1.679	64	239	Below Cal	#	41
10) Methyl Iodide	2.441	142	82	4.070	ug/l #	45
11) Tert butyl alcohol	2.947	59	849	1.433	ug/l #	74
13) Acrolein	2.075	56	40	10.126	ug/l #	14
16) Acetone	2.386	43	2708	2.148	ug/l #	88
17) Carbon Disulfide	2.514	76	608	Below Cal	#	74
31) Cyclohexane	5.556	56	4276	1.226	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	18023	5.572	ug/l #	49
38) Carbon Tetrachloride	5.562	117	23277	6.822	ug/l #	18
51) 4-Methyl-2-Pentanone	8.653	43	1964	0.505	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	71263	21.748	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	71263	70.168	ug/l #	12

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

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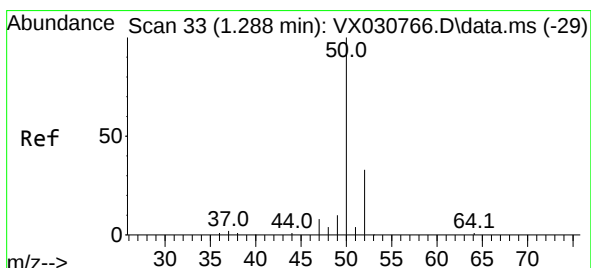
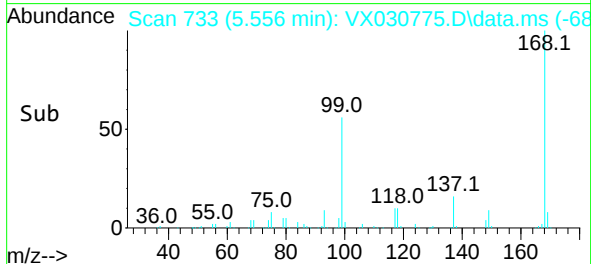
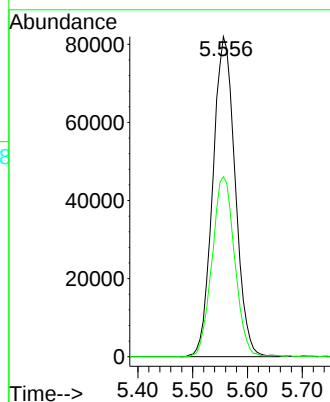
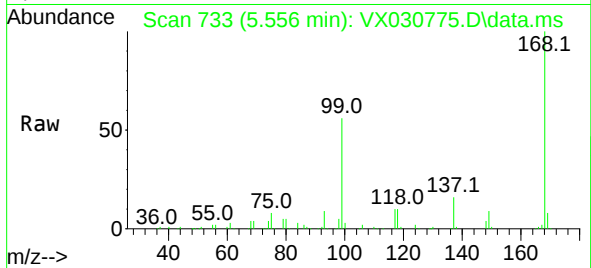




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030775.D
Acq: 25 Aug 2022 16:48

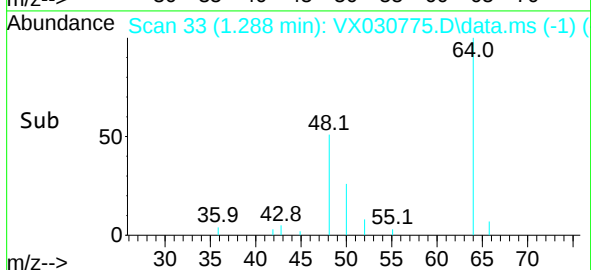
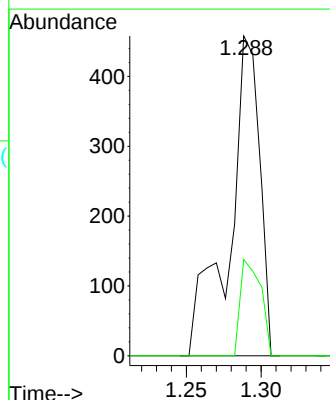
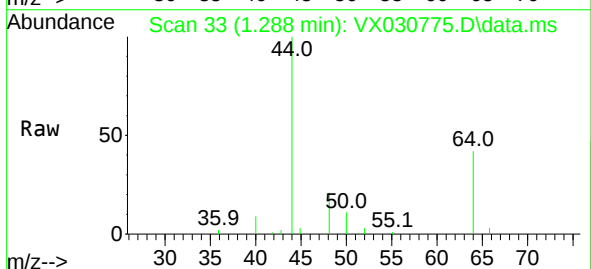
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

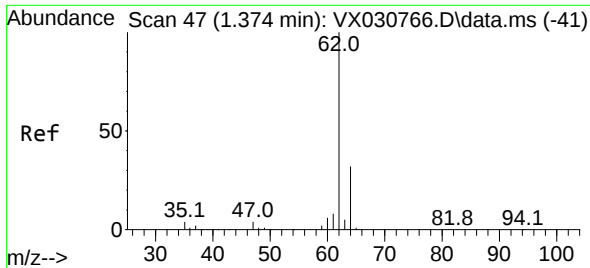
Tgt Ion:168 Resp: 231972
Ion Ratio Lower Upper
168 100
99 56.2 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030775.D
Acq: 25 Aug 2022 16:48

Tgt Ion: 50 Resp: 649
Ion Ratio Lower Upper
50 100
52 30.1 26.3 39.5

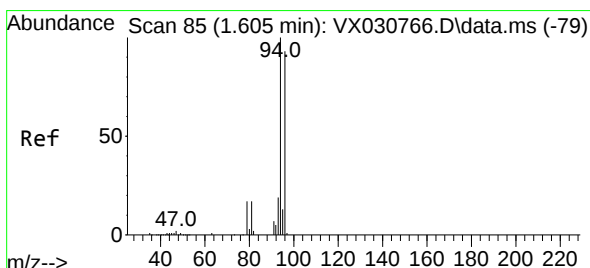
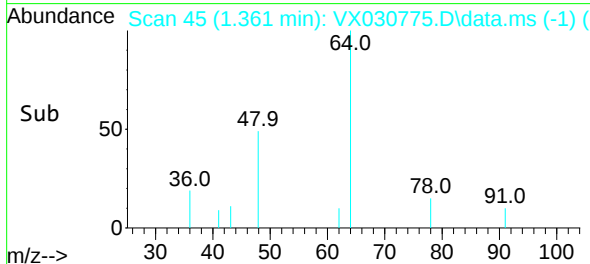
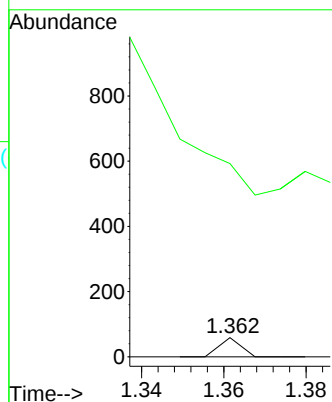
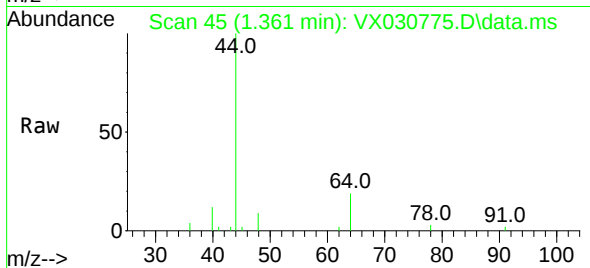




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 1.361 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VX030775.D
 Acq: 25 Aug 2022 16:48

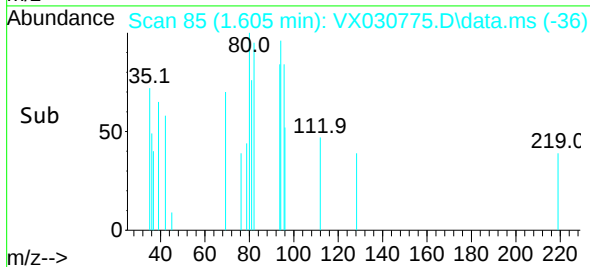
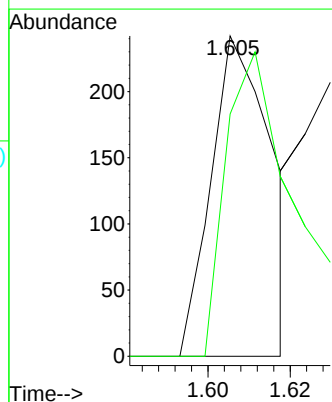
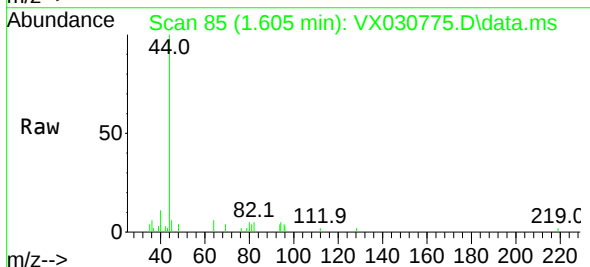
Instrument :
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 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

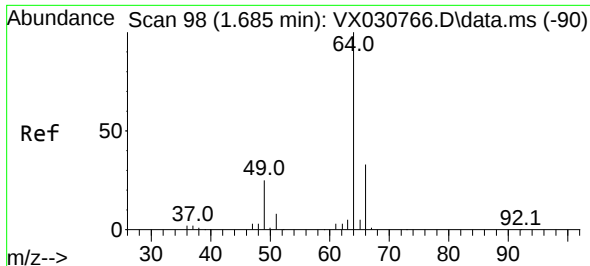
Tgt Ion: 62 Resp: 22
 Ion Ratio Lower Upper
 62 100
 64 132.2 25.2 37.8#



#5
 Bromomethane
 Concen: 0.230 ug/l
 RT: 1.605 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VX030775.D
 Acq: 25 Aug 2022 16:48

Tgt Ion: 94 Resp: 249
 Ion Ratio Lower Upper
 94 100
 96 75.6 76.9 115.3#

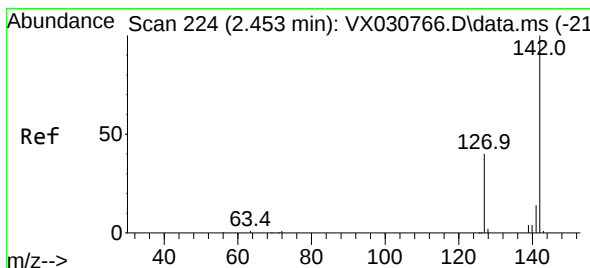
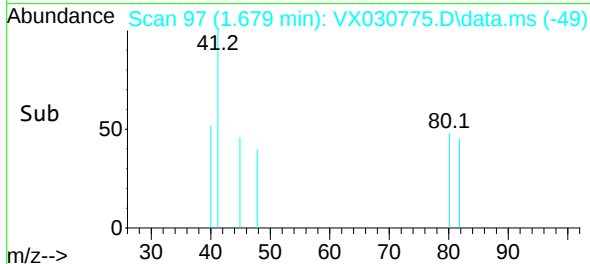
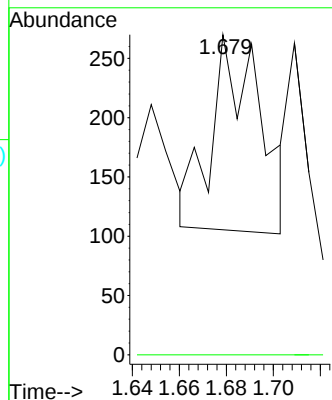
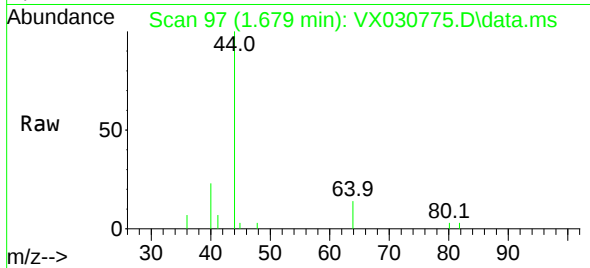




#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030775.D
Acq: 25 Aug 2022 16:48

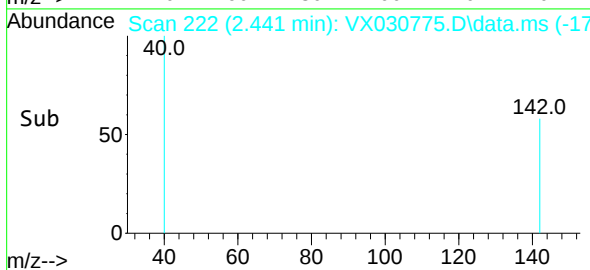
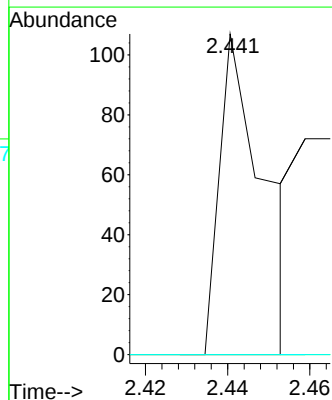
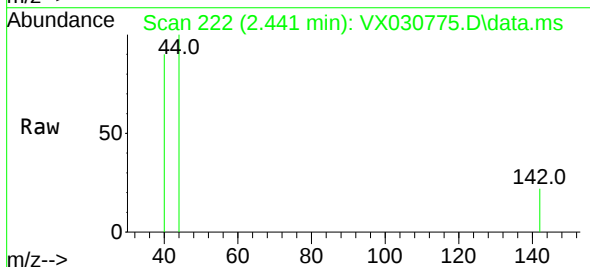
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-4

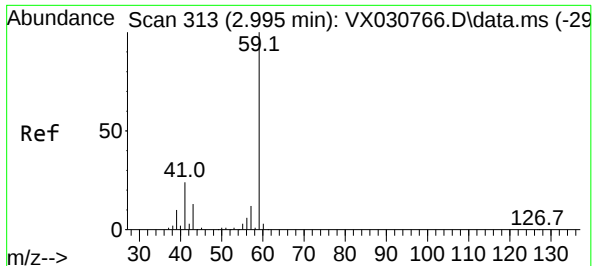
Tgt Ion: 64 Resp: 239
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 4.070 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.012 min
Lab File: VX030775.D
Acq: 25 Aug 2022 16:48

Tgt Ion: 142 Resp: 82
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 1.433 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.049 min

Lab File: VX030775.D

Acq: 25 Aug 2022 16:48

Instrument :

MSVOA_X

ClientSampleId :

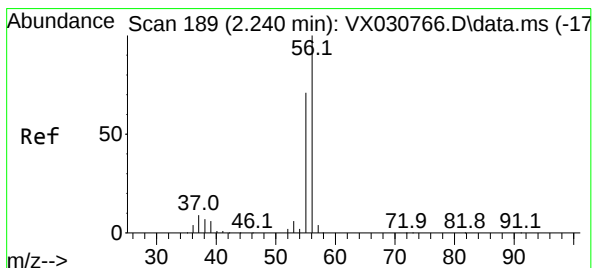
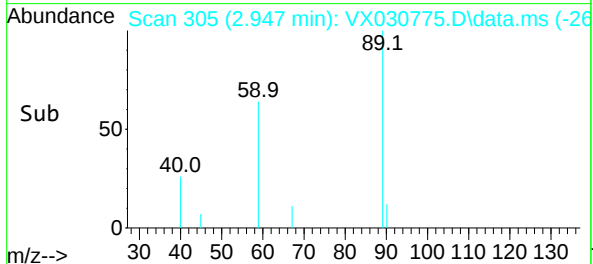
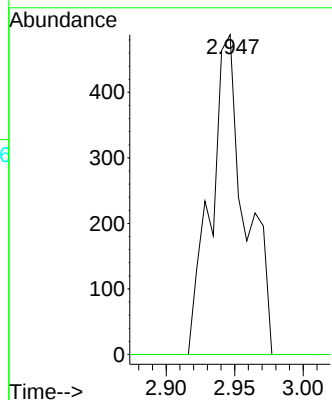
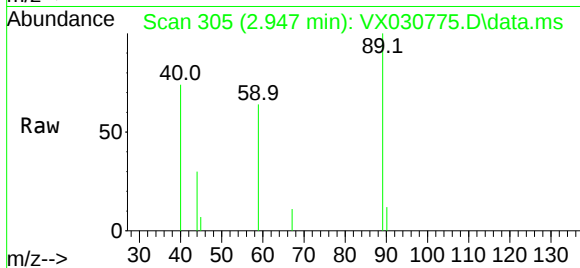
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 59 Resp: 849

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#13

Acrolein

Concen: 10.126 ug/l

RT: 2.075 min Scan# 162

Delta R.T. -0.165 min

Lab File: VX030775.D

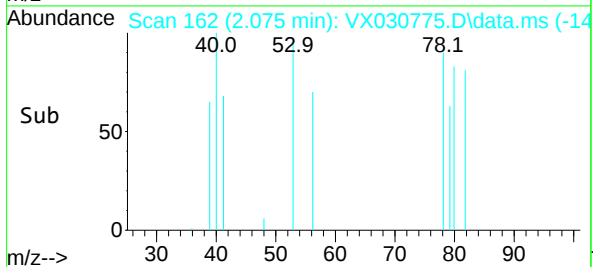
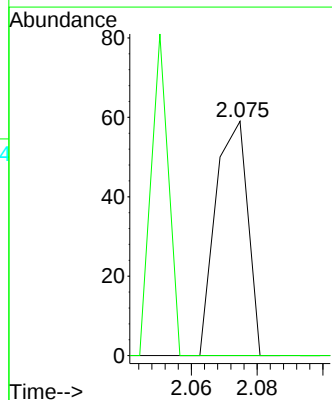
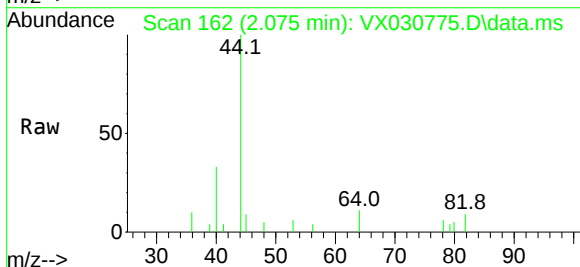
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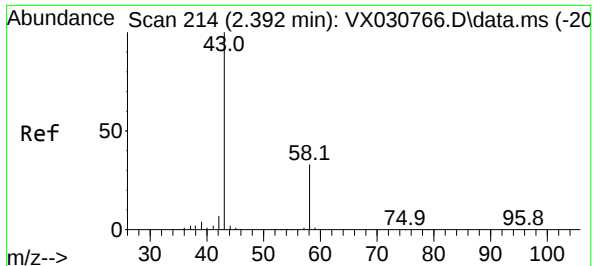
Tgt Ion: 56 Resp: 40

Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#

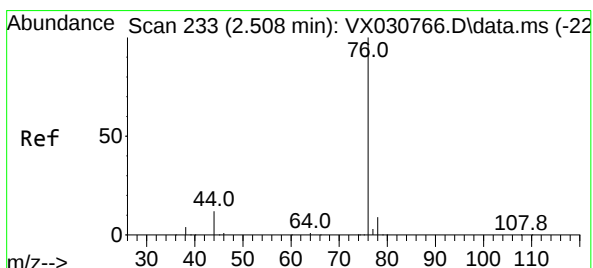
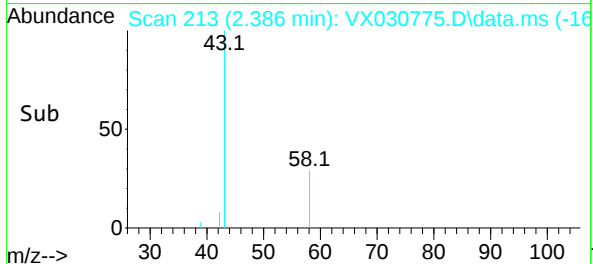
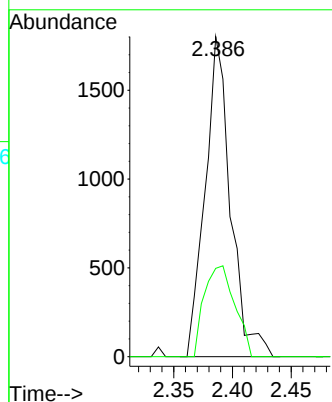
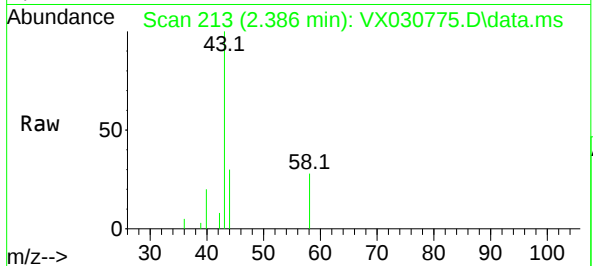




#16
Acetone
Concen: 2.148 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX030775.D
Acq: 25 Aug 2022 16:48

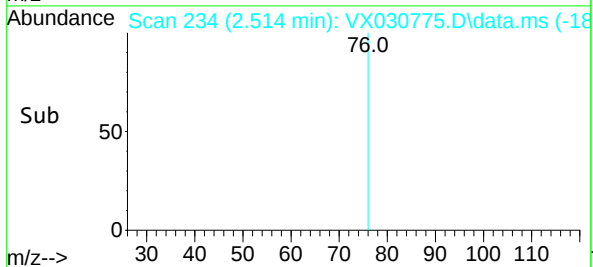
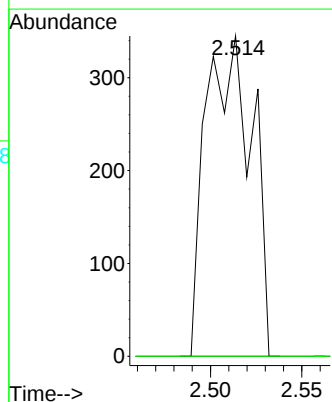
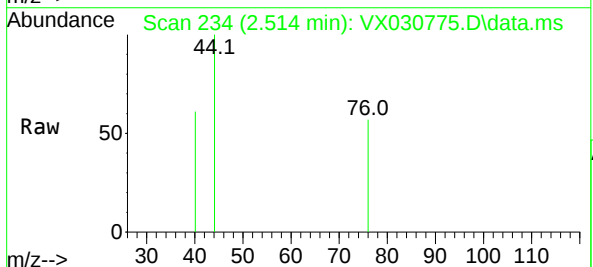
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-4

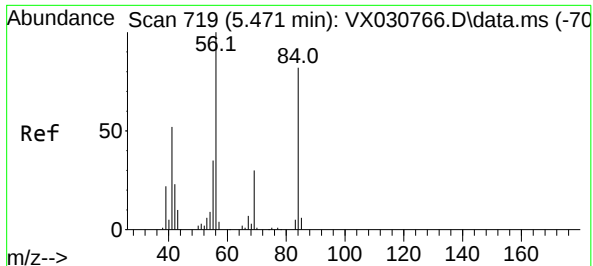
Tgt Ion: 43 Resp: 2708
Ion Ratio Lower Upper
43 100
58 27.6 27.7 41.5#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX030775.D
Acq: 25 Aug 2022 16:48

Tgt Ion: 76 Resp: 608
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

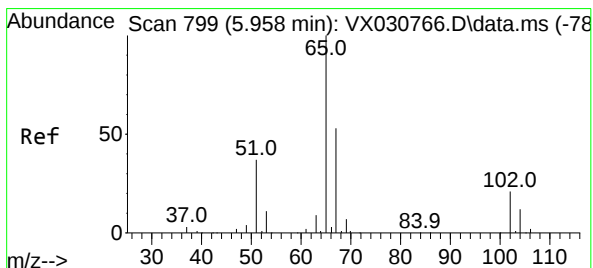
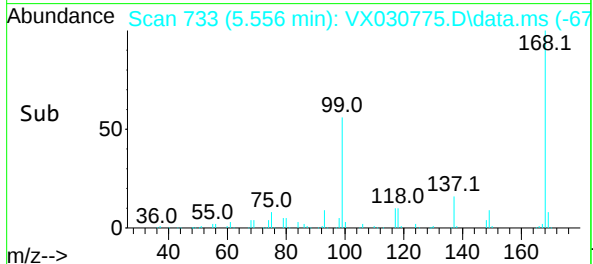
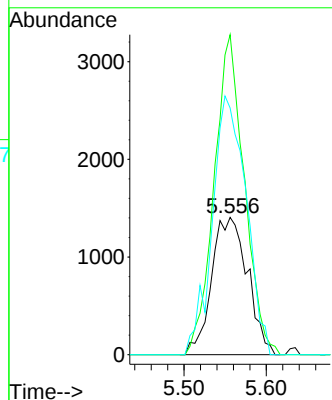
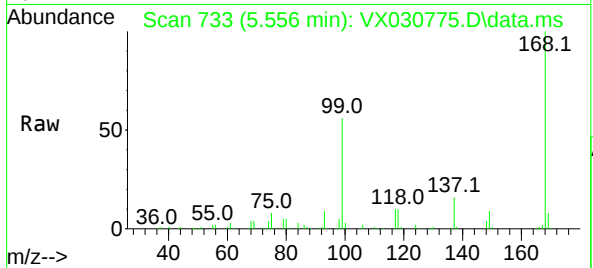




#31
Cyclohexane
Concen: 1.226 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX030775.D
Acq: 25 Aug 2022 16:48

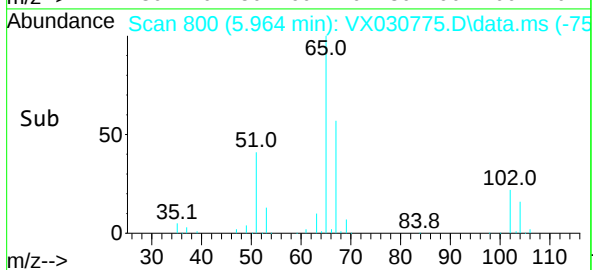
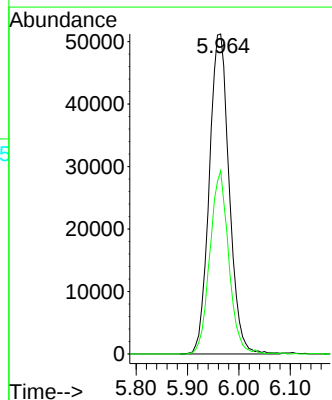
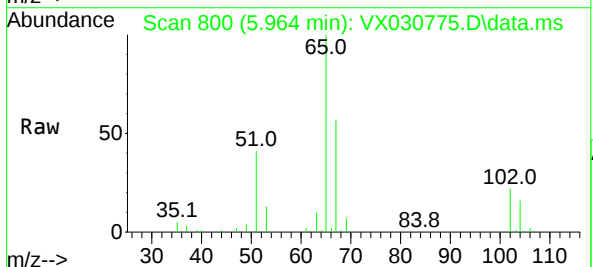
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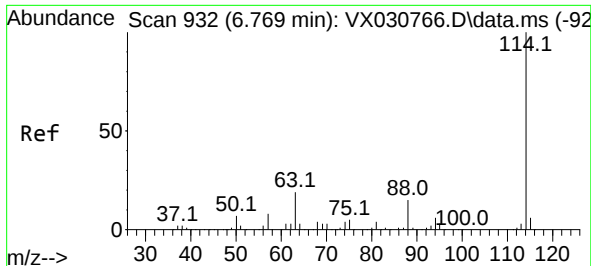
Tgt Ion: 56 Resp: 4276
Ion Ratio Lower Upper
56 100
69 233.2 25.4 38.0#
84 179.8 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 50.485 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030775.D
Acq: 25 Aug 2022 16:48

Tgt Ion: 65 Resp: 137755
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.6

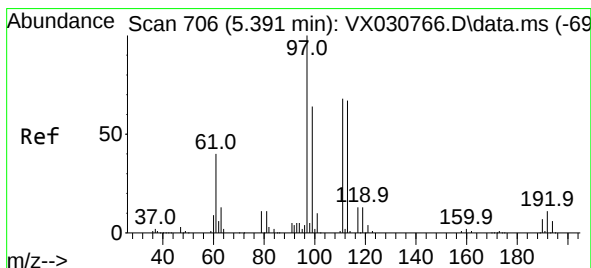
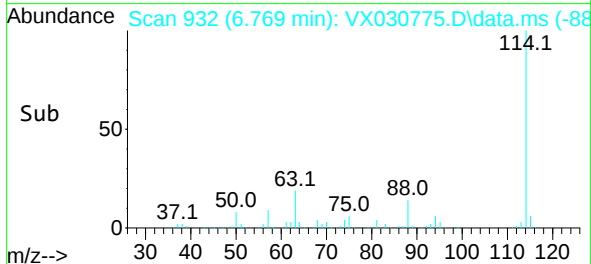
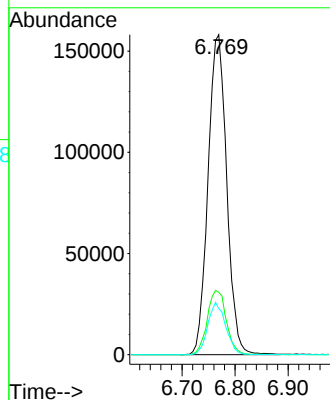
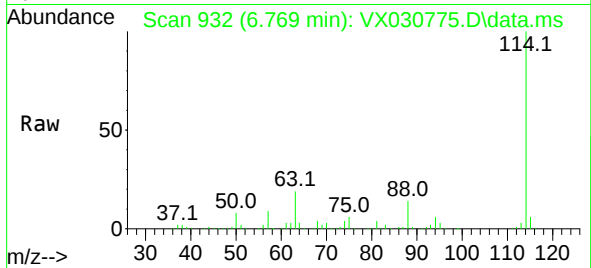




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX030775.D
Acq: 25 Aug 2022 16:48

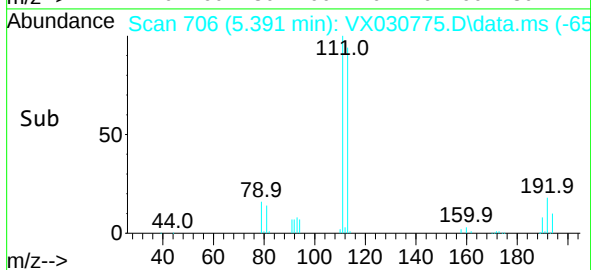
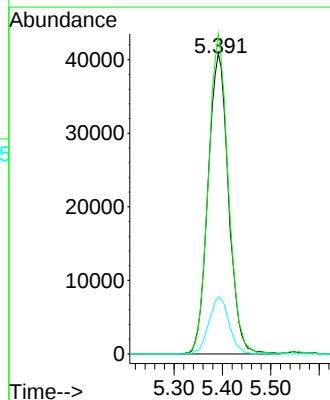
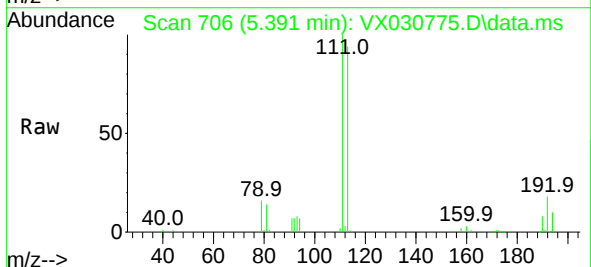
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

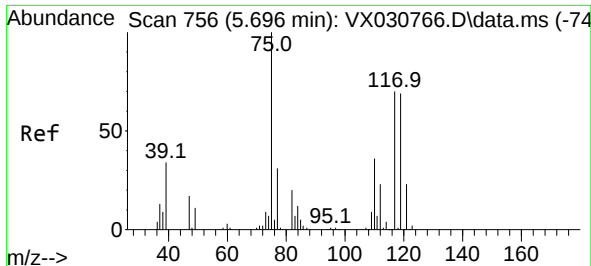
Tgt Ion:114 Resp: 386521
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.4
88 14.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.624 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030775.D
Acq: 25 Aug 2022 16:48

Tgt Ion:113 Resp: 120256
Ion Ratio Lower Upper
113 100
111 103.7 83.2 124.8
192 18.7 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.572 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX030775.D

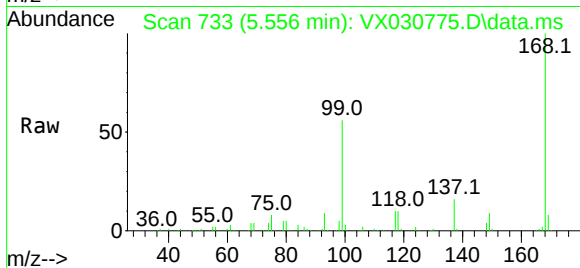
Acq: 25 Aug 2022 16:48

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



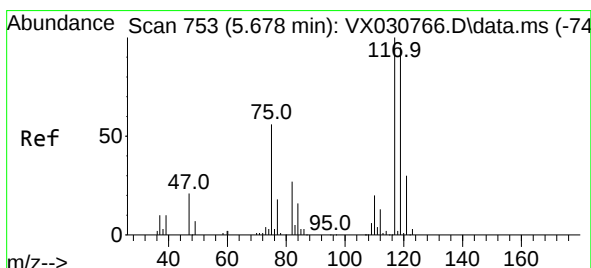
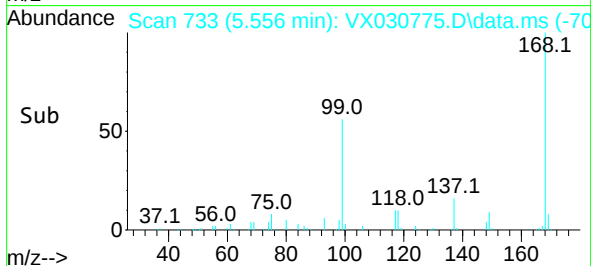
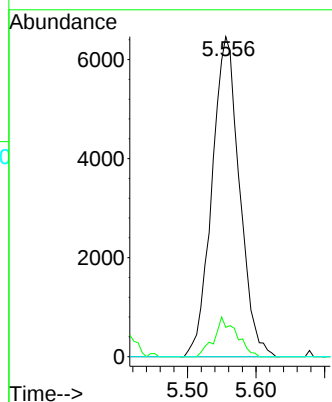
Tgt Ion: 75 Resp: 18023

Ion Ratio Lower Upper

75 100

110 10.1 19.3 57.9#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.822 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.116 min

Lab File: VX030775.D

Acq: 25 Aug 2022 16:48

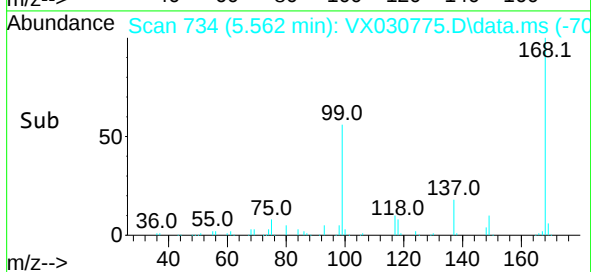
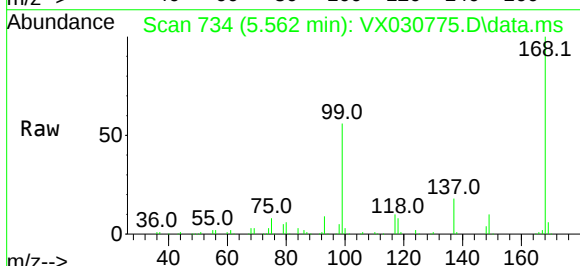
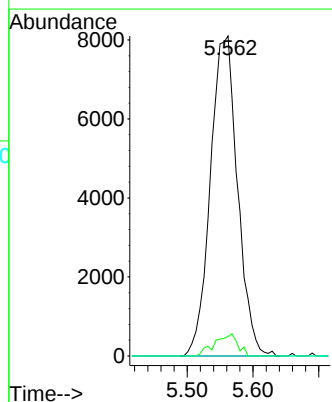
Tgt Ion: 117 Resp: 23277

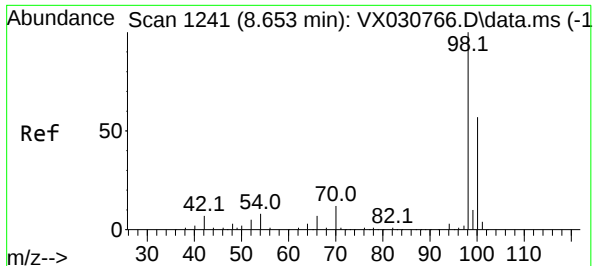
Ion Ratio Lower Upper

117 100

119 6.1 74.1 111.1#

121 0.0 25.8 38.8#





#50

Toluene-d8

Concen: 53.755 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030775.D

Acq: 25 Aug 2022 16:48

Instrument :

MSVOA_X

ClientSampleId :

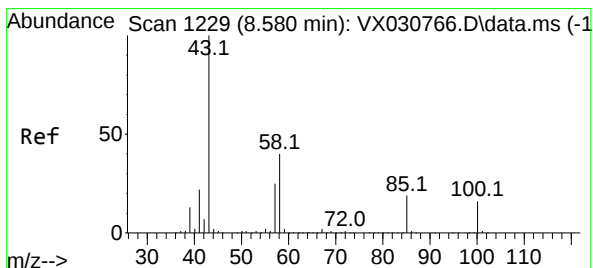
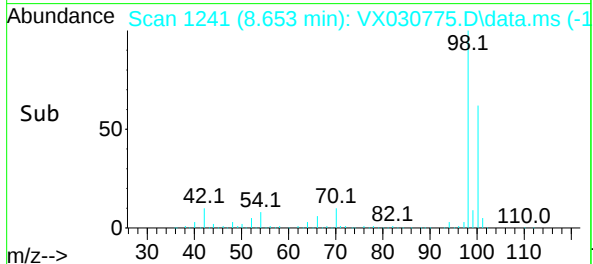
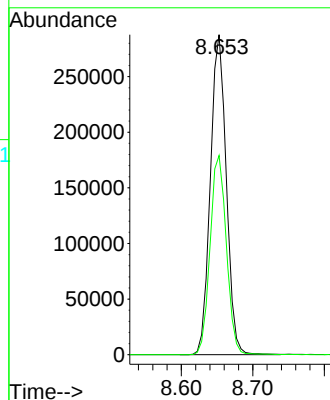
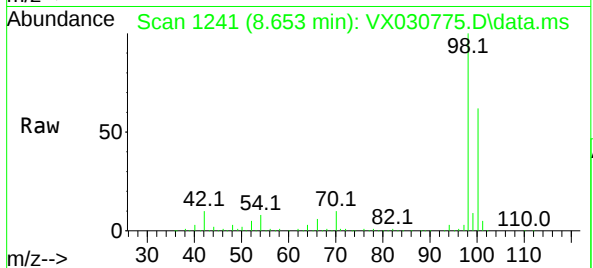
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 98 Resp: 444977

Ion Ratio Lower Upper

98 100

100 63.7 52.3 78.5



#51

4-Methyl-2-Pentanone

Concen: 0.505 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX030775.D

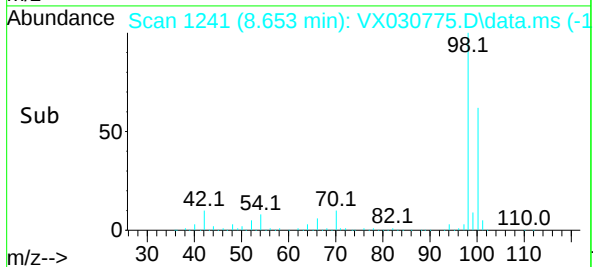
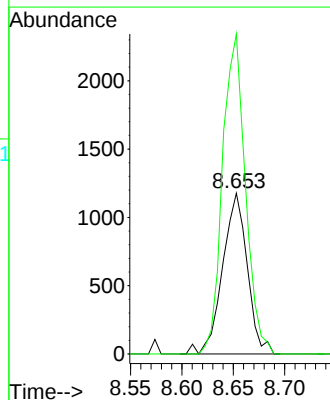
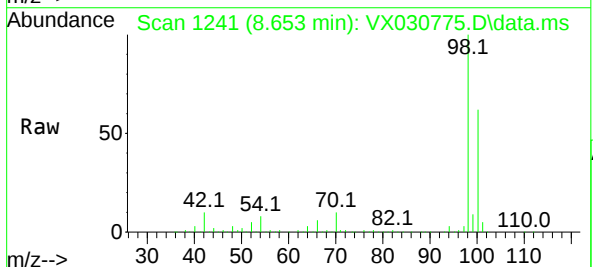
Acq: 25 Aug 2022 16:48

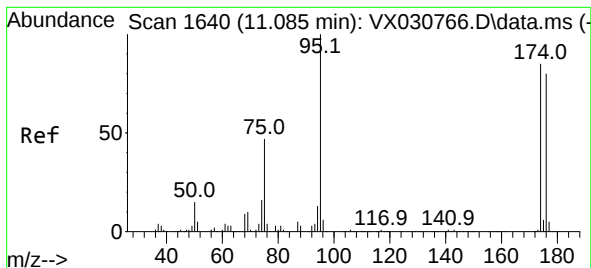
Tgt Ion: 43 Resp: 1964

Ion Ratio Lower Upper

43 100

58 184.6 31.4 47.2#

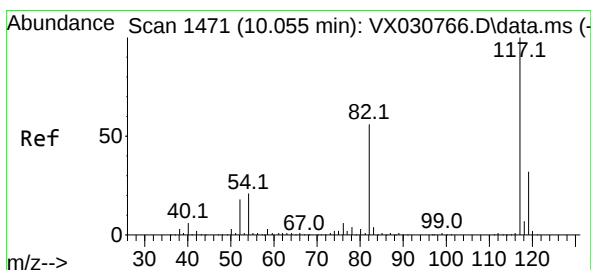
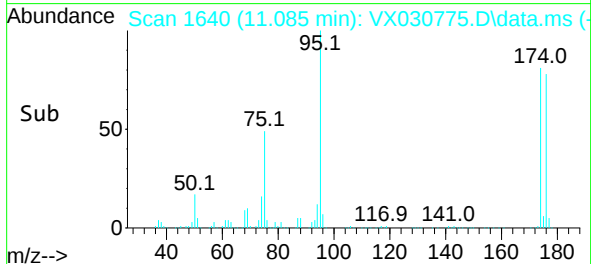
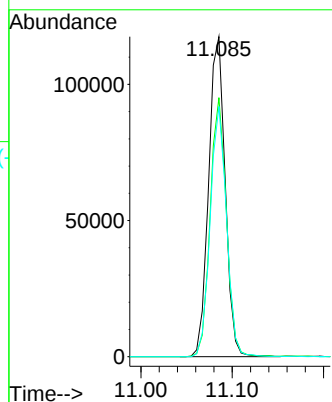
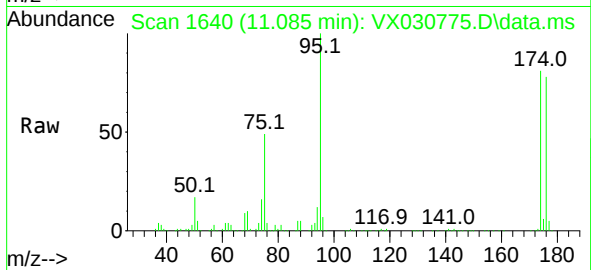




#62
4-Bromofluorobenzene
Concen: 48.001 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030775.D
Acq: 25 Aug 2022 16:48

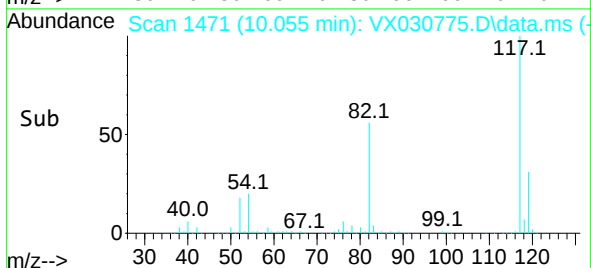
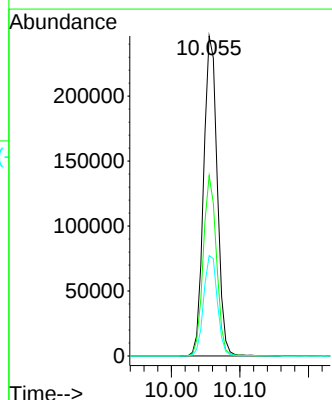
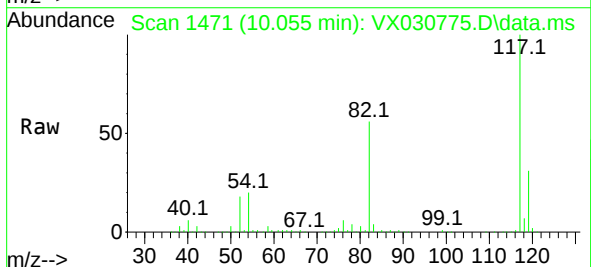
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

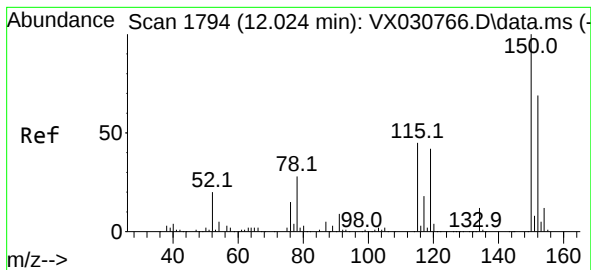
Tgt Ion: 95 Resp: 147931
Ion Ratio Lower Upper
95 100
174 79.3 0.0 149.0
176 77.0 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030775.D
Acq: 25 Aug 2022 16:48

Tgt Ion: 117 Resp: 341302
Ion Ratio Lower Upper
117 100
82 56.4 42.7 64.1
119 31.3 25.4 38.2

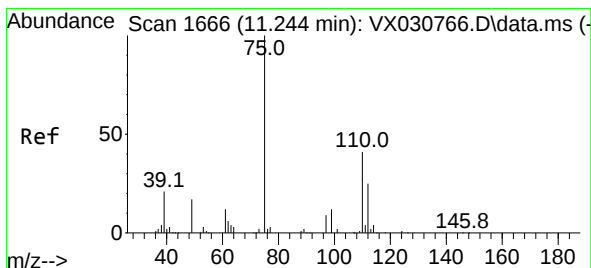
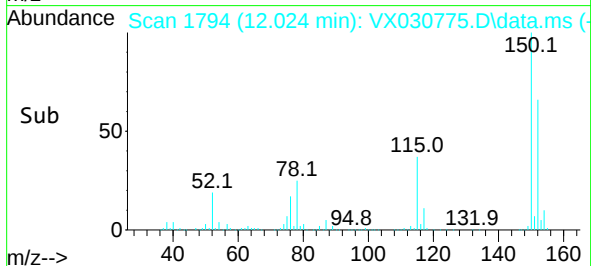
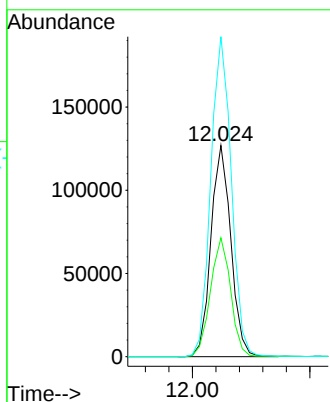
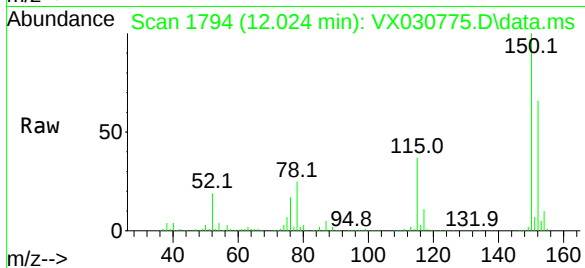




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030775.D
 Acq: 25 Aug 2022 16:48

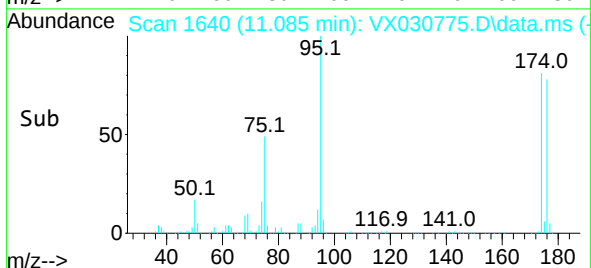
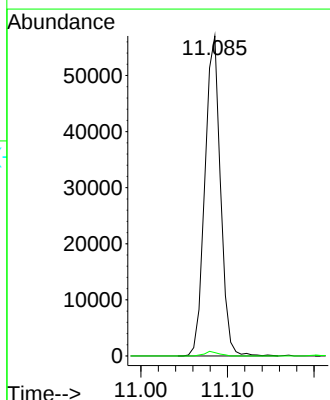
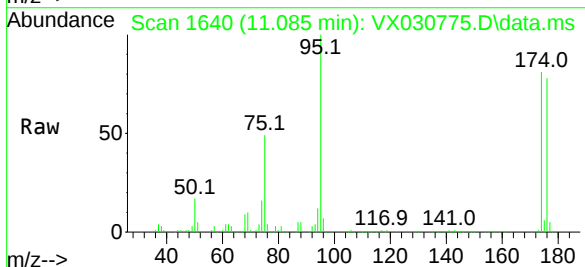
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

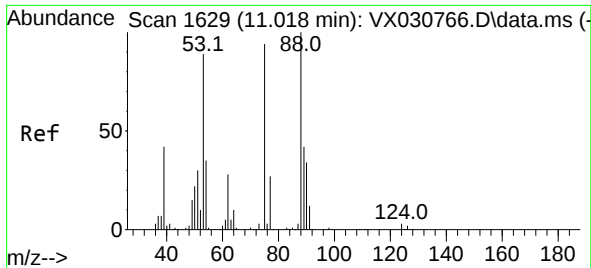
Tgt Ion:152 Resp: 149565
 Ion Ratio Lower Upper
 152 100
 115 57.2 40.5 121.5
 150 156.1 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 21.748 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030775.D
 Acq: 25 Aug 2022 16:48

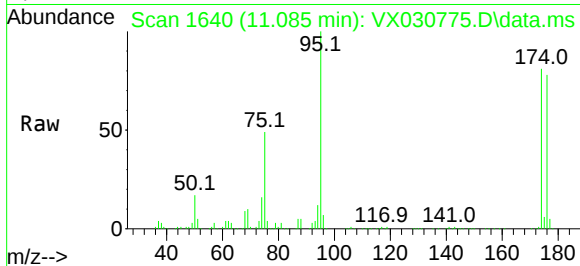
Tgt Ion: 75 Resp: 71263
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.168 ug/l
 RT: 11.085 min Scan# 11
 Delta R.T. 0.067 min
 Lab File: VX030775.D
 Acq: 25 Aug 2022 16:48

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



Tgt Ion: 75 Resp: 71263
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

