

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121421\
 Data File : VX025777.D
 Acq On : 14 Dec 2021 15:22
 Operator : JC/MD
 Sample : M5031-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Dec 15 07:04:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

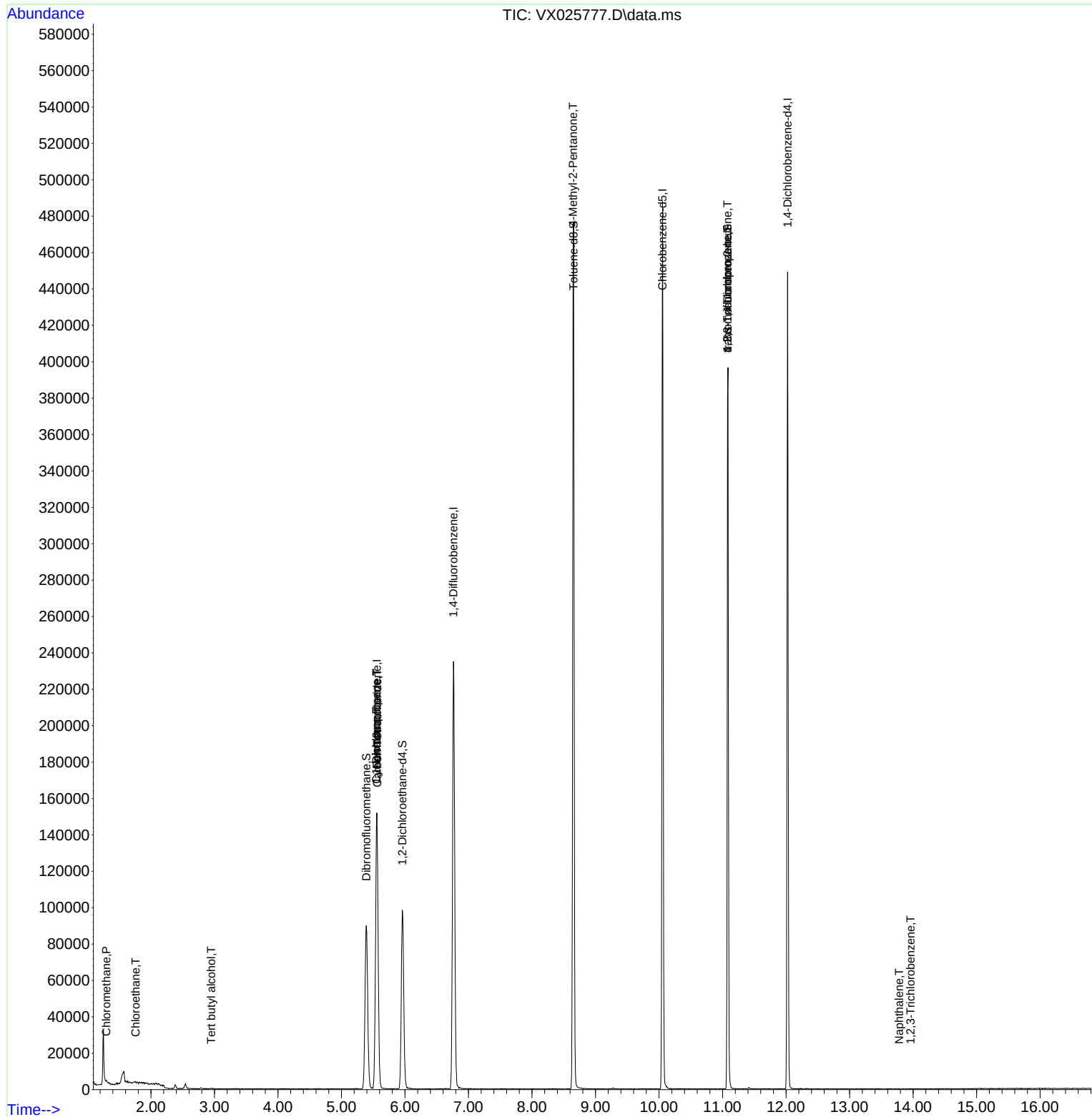
Internal Standards						
1) Pentafluorobenzene	5.556	168	140379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241396	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93534	46.308	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.620%
35) Dibromofluoromethane	5.391	113	79205	47.047	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.100%
50) Toluene-d8	8.653	98	283938	46.290	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.580%
62) 4-Bromofluorobenzene	11.079	95	108055	46.374	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.740%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	595	0.364	ug/l #	74
6) Chloroethane	1.758	64	386	0.306	ug/l #	42
11) Tert butyl alcohol	2.947	59	157	0.387	ug/l #	73
16) Acetone	2.380	43	2108	Below Cal		95
20) Methylene Chloride	2.794	84	297	Below Cal	#	49
31) Cyclohexane	5.550	56	3088	1.257	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11298	4.949	ug/l #	50
38) Carbon Tetrachloride	5.562	117	14837	5.585	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1326	0.496	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	55155	26.290	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	55155	81.506	ug/l #	10
95) Naphthalene	13.780	128	82	2.424	ug/l #	69
96) 1,2,3-Trichlorobenzene	13.963	180	19	3.003	ug/l #	12

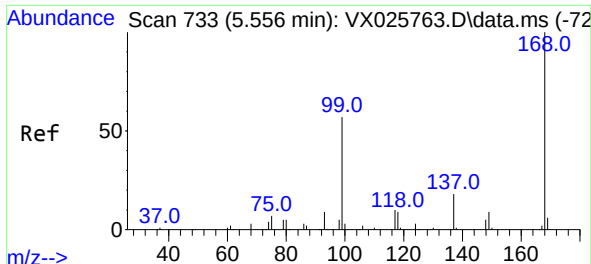
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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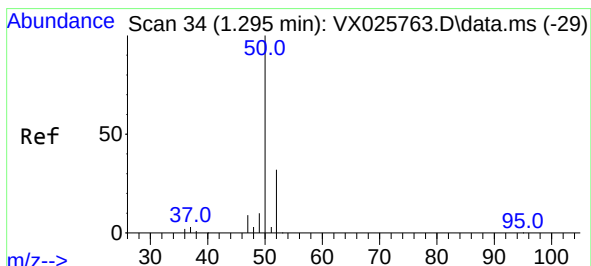
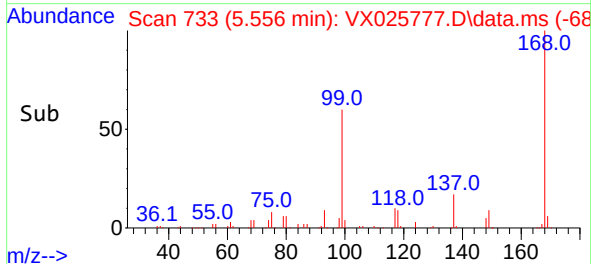
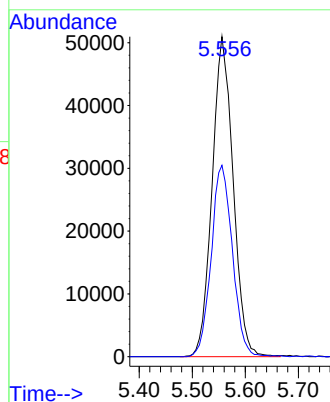
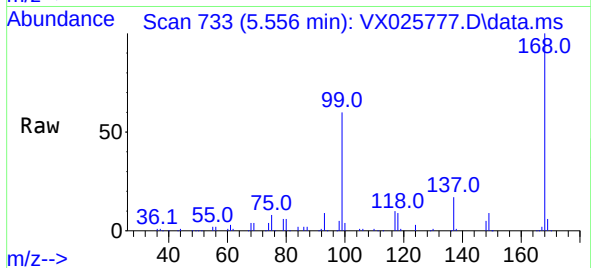




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025777.D
Acq: 14 Dec 2021 15:22

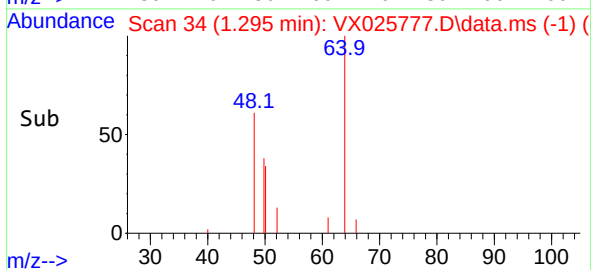
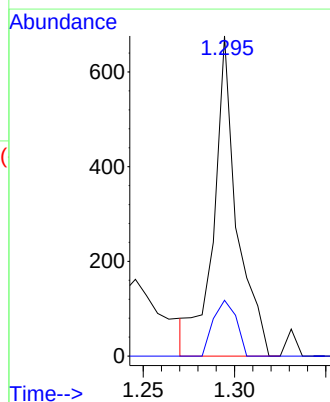
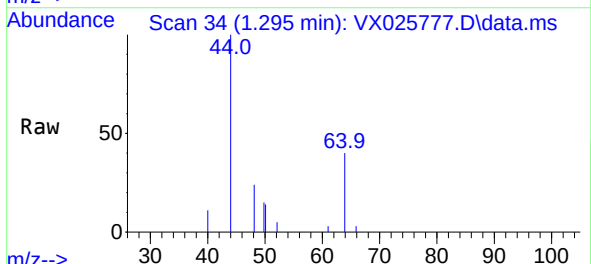
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

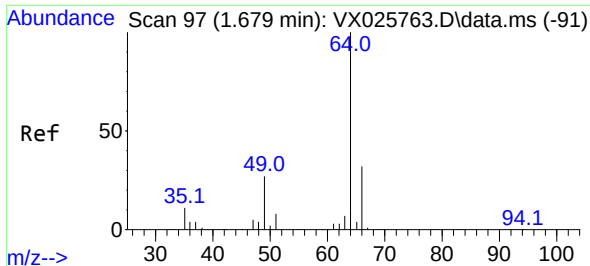
Tgt Ion:168 Resp: 140379
Ion Ratio Lower Upper
168 100
99 59.8 45.8 68.8



#3
Chloromethane
Concen: 0.364 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX025777.D
Acq: 14 Dec 2021 15:22

Tgt Ion: 50 Resp: 595
Ion Ratio Lower Upper
50 100
52 17.5 25.4 38.0#

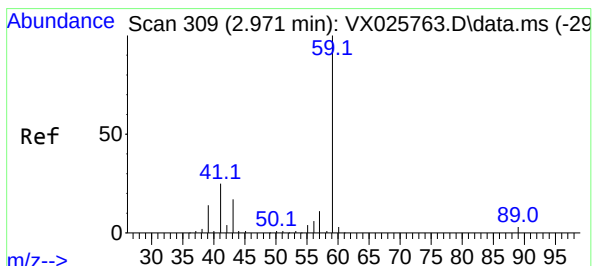
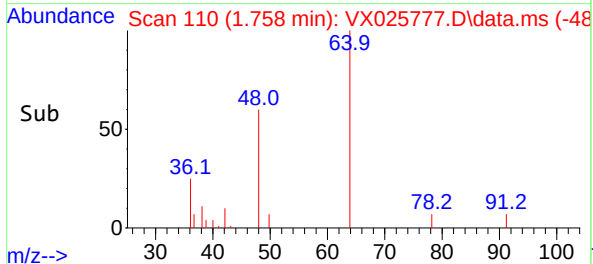
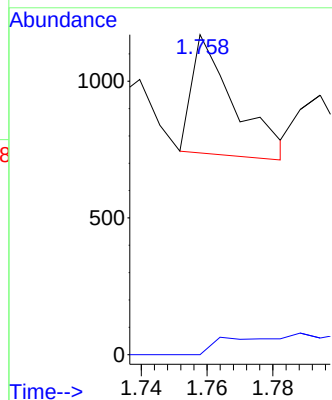
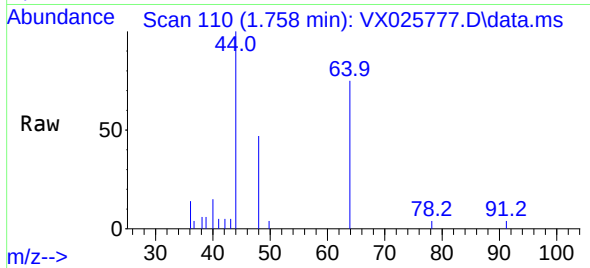




#6
Chloroethane
Concen: 0.306 ug/l
RT: 1.758 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX025777.D
Acq: 14 Dec 2021 15:22

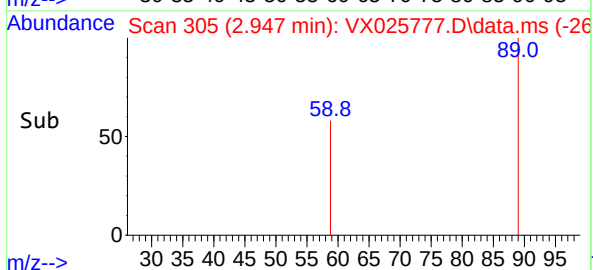
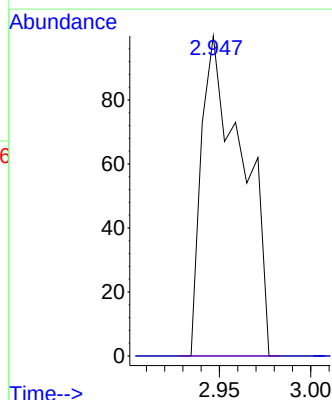
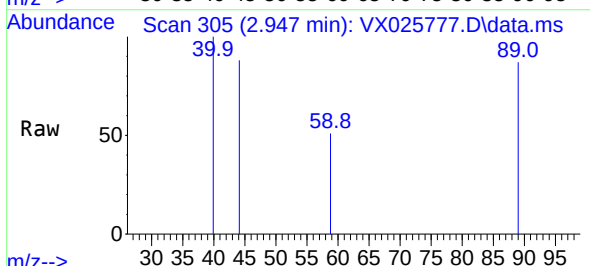
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

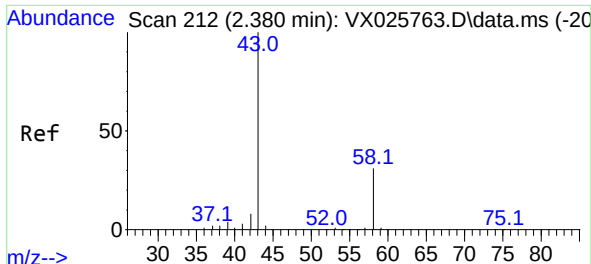
Tgt Ion: 64 Resp: 386
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#11
Tert butyl alcohol
Concen: 0.387 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX025777.D
Acq: 14 Dec 2021 15:22

Tgt Ion: 59 Resp: 157
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

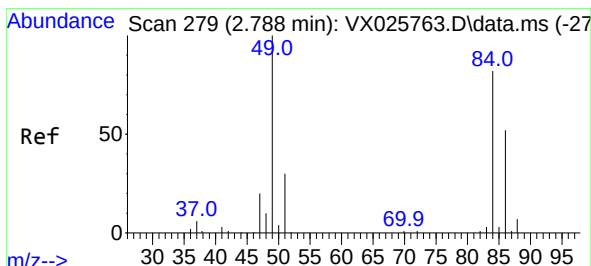
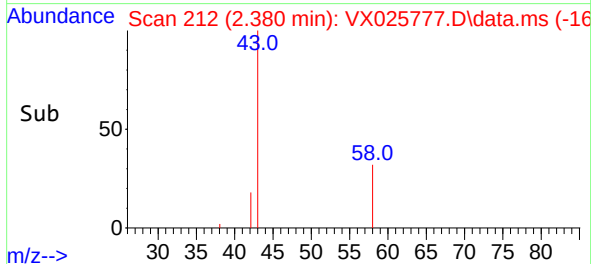
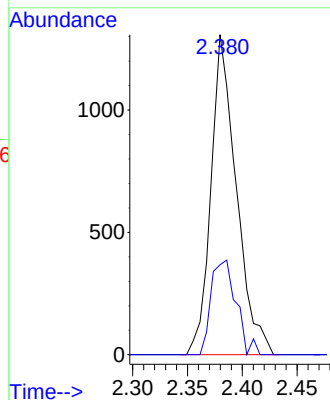
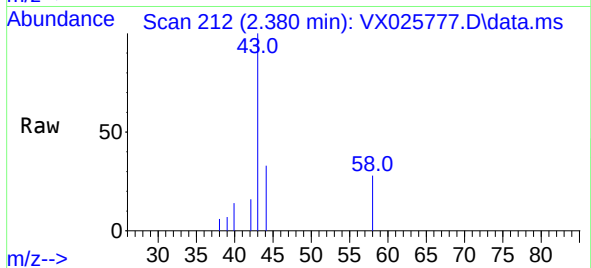




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX025777.D
Acq: 14 Dec 2021 15:22

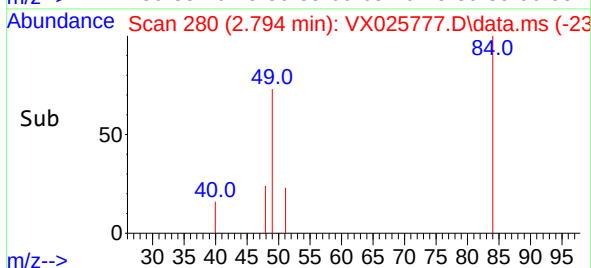
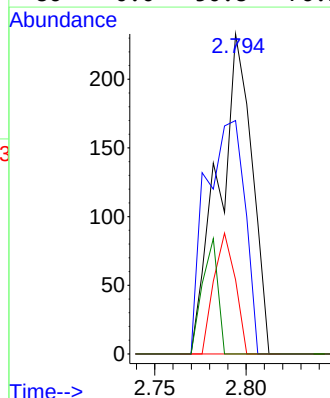
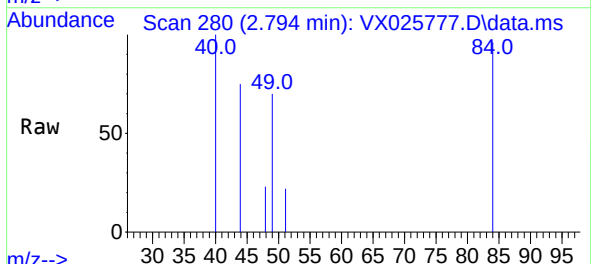
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

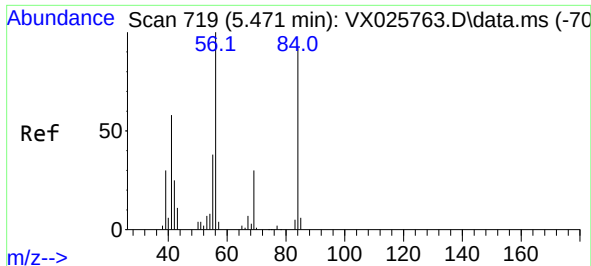
Tgt Ion: 43 Resp: 2108
Ion Ratio Lower Upper
43 100
58 28.1 24.8 37.2



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX025777.D
Acq: 14 Dec 2021 15:22

Tgt Ion: 84 Resp: 297
Ion Ratio Lower Upper
84 100
49 73.0 97.1 145.7#
51 23.2 29.3 43.9#
86 0.0 50.8 76.2#

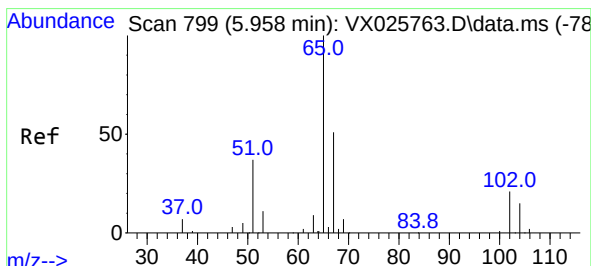
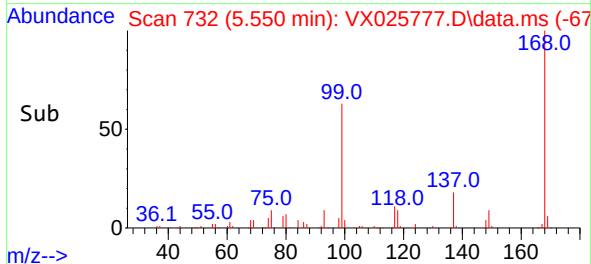
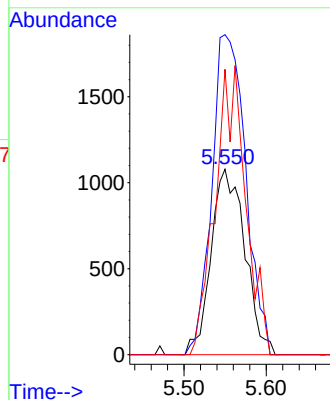
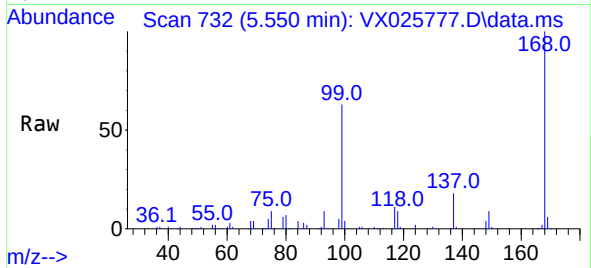




#31
Cyclohexane
Concen: 1.257 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX025777.D
Acq: 14 Dec 2021 15:22

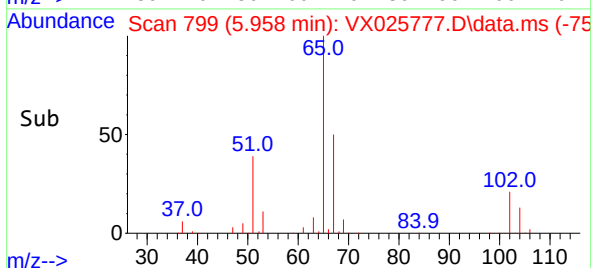
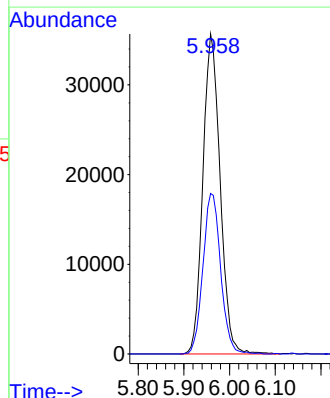
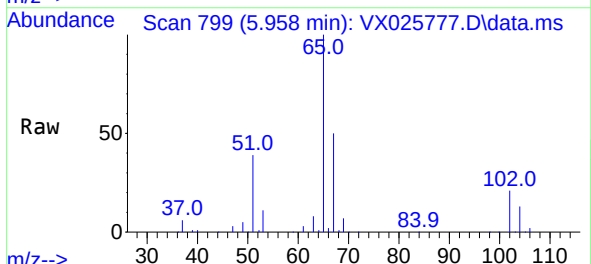
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ClientSampleId :
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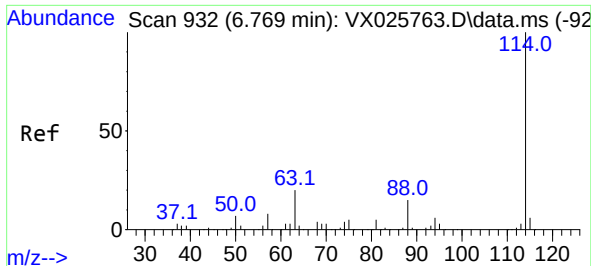
Tgt Ion: 56 Resp: 3088
Ion Ratio Lower Upper
56 100
69 172.6 23.9 35.9#
84 154.0 73.2 109.8#



#33
1,2-Dichloroethane-d4
Concen: 46.308 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX025777.D
Acq: 14 Dec 2021 15:22

Tgt Ion: 65 Resp: 93534
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.4

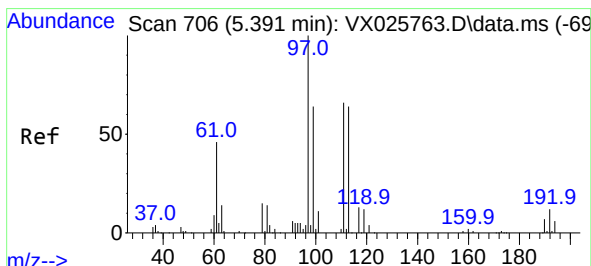
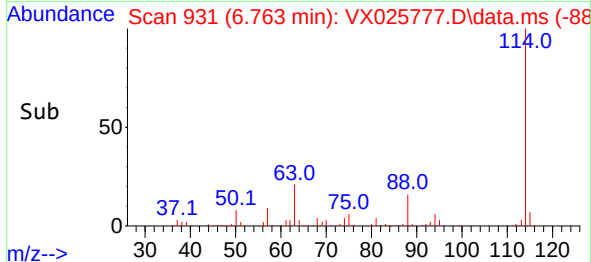
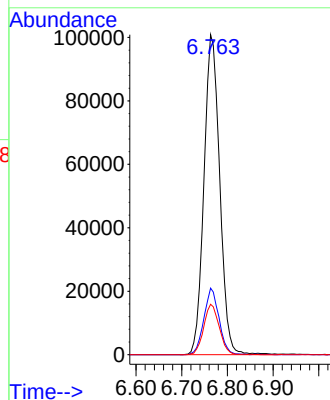
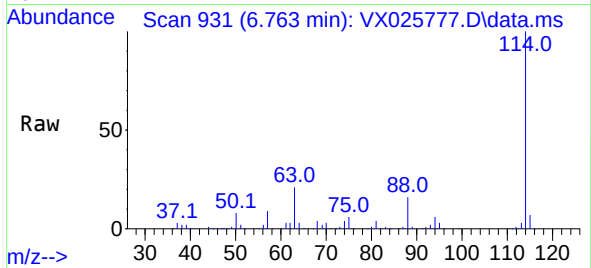




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX025777.D
Acq: 14 Dec 2021 15:22

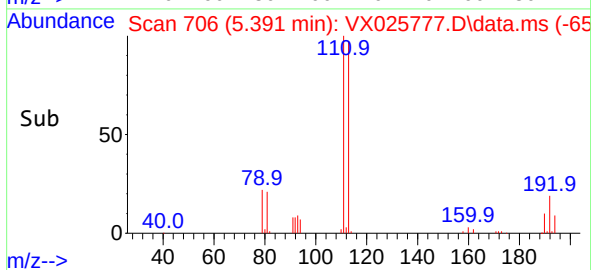
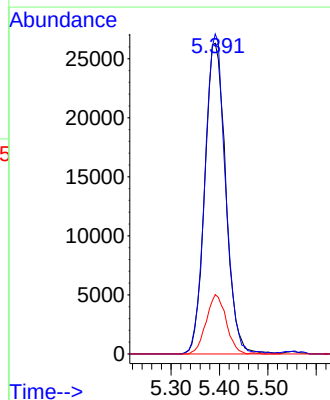
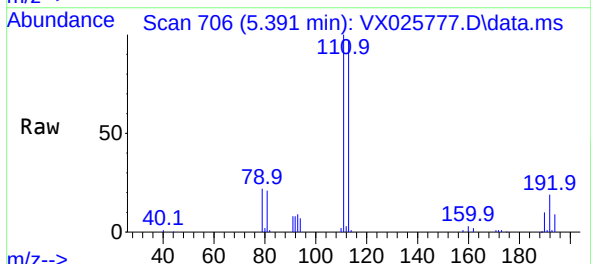
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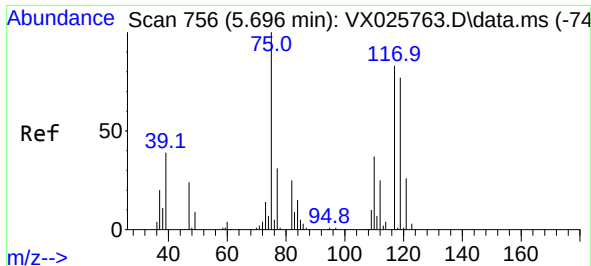
Tgt Ion:114 Resp: 241396
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.0
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.047 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025777.D
Acq: 14 Dec 2021 15:22

Tgt Ion:113 Resp: 79205
Ion Ratio Lower Upper
113 100
111 100.6 81.8 122.8
192 18.2 15.0 22.4

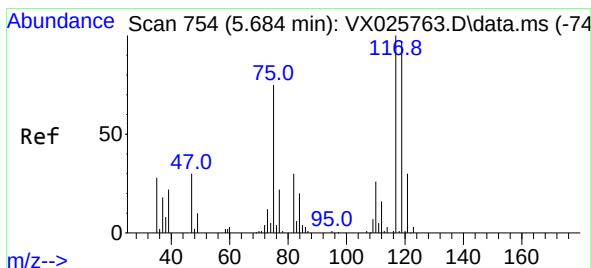
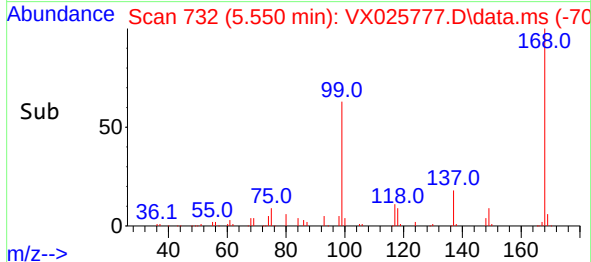
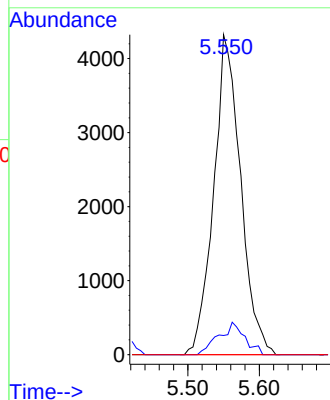
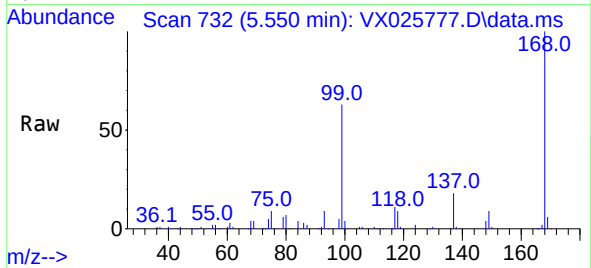




#36
1,1-Dichloropropene
Concen: 4.949 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX025777.D
Acq: 14 Dec 2021 15:22

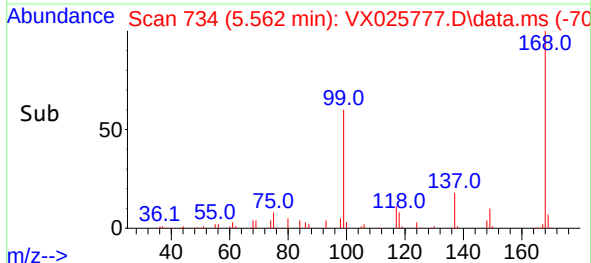
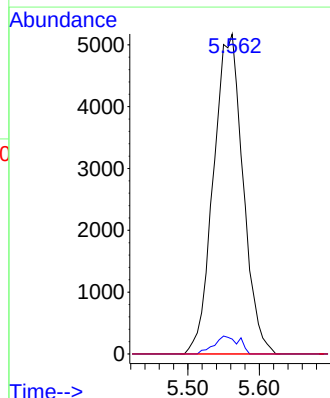
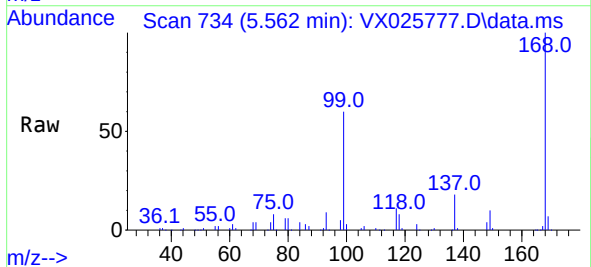
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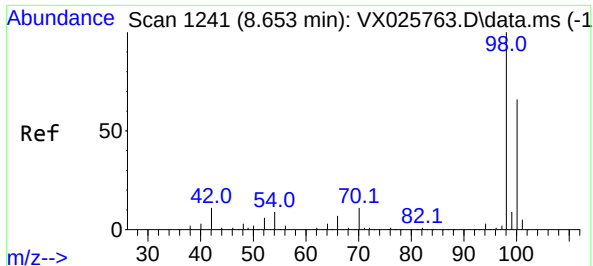
Tgt Ion: 75 Resp: 11298
Ion Ratio Lower Upper
75 100
110 9.8 18.2 54.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.585 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX025777.D
Acq: 14 Dec 2021 15:22

Tgt Ion: 117 Resp: 14837
Ion Ratio Lower Upper
117 100
119 4.7 77.2 115.8#
121 0.0 23.8 35.8#





#50

Toluene-d8

Concen: 46.290 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025777.D

Acq: 14 Dec 2021 15:22

Instrument :

MSVOA_X

ClientSampleId :

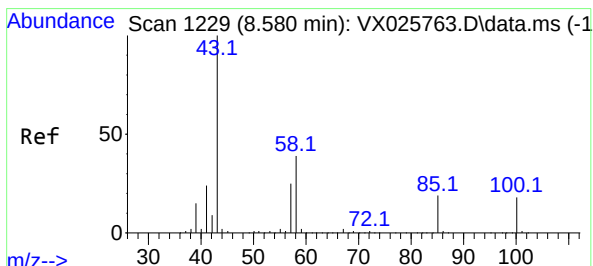
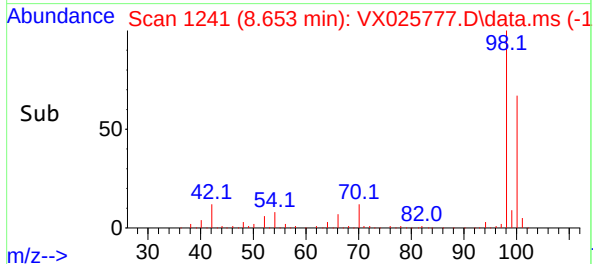
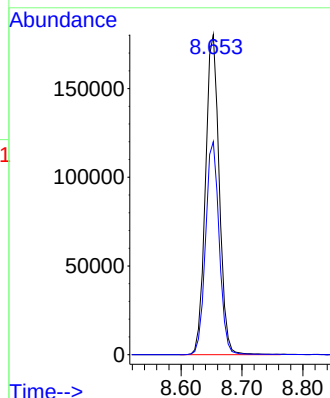
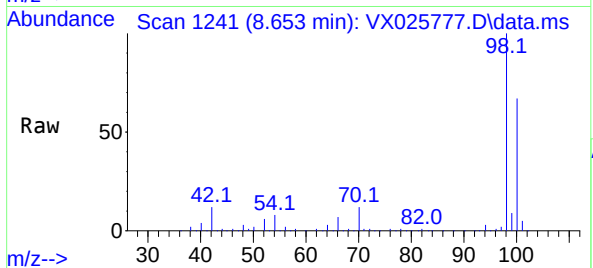
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 98 Resp: 283938

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.496 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX025777.D

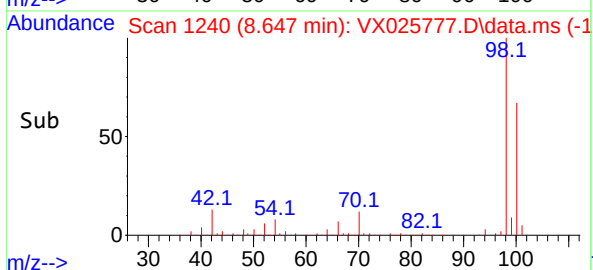
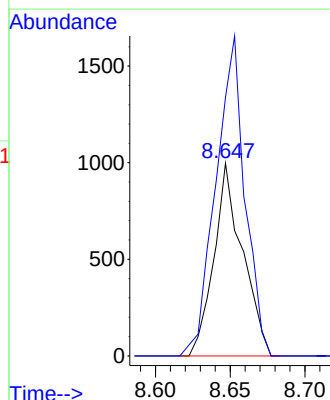
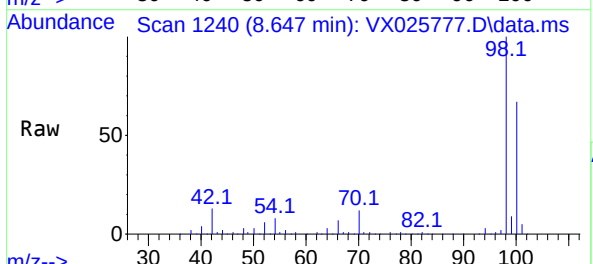
Acq: 14 Dec 2021 15:22

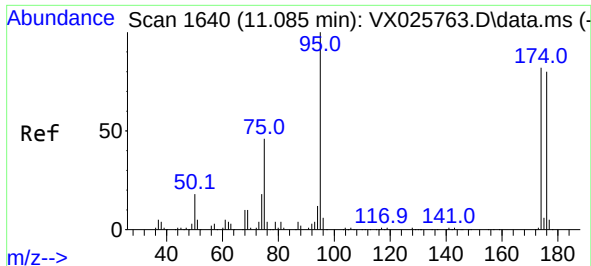
Tgt Ion: 43 Resp: 1326

Ion Ratio Lower Upper

43 100

58 168.9 30.8 46.2#

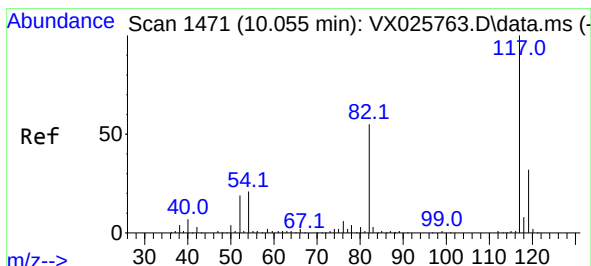
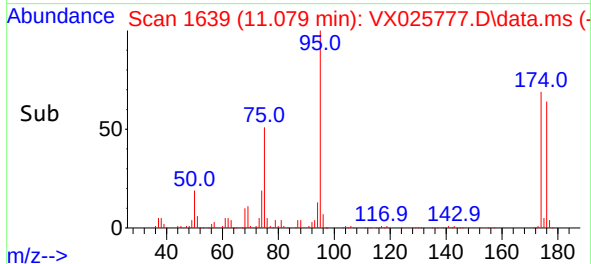
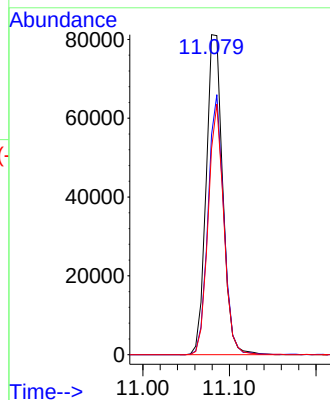
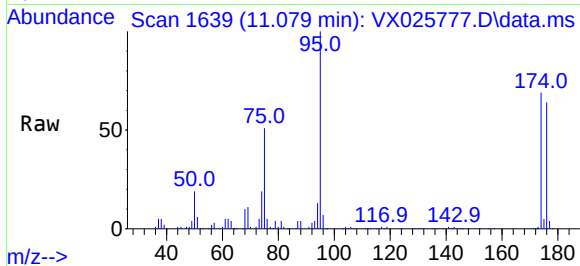




#62
4-Bromofluorobenzene
Concen: 46.374 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX025777.D
Acq: 14 Dec 2021 15:22

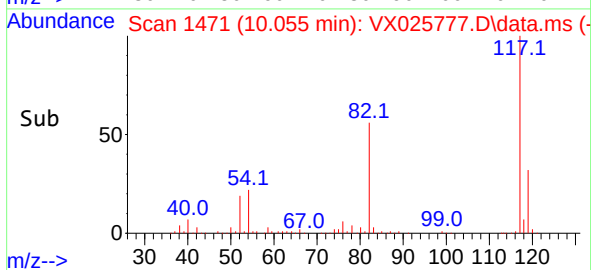
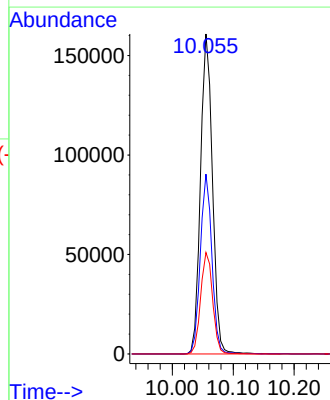
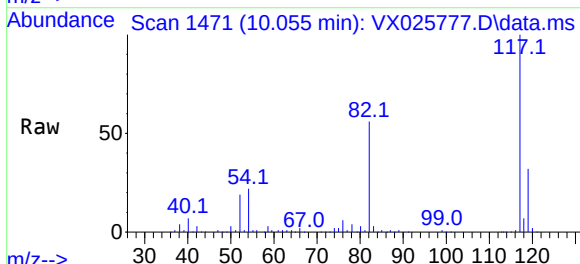
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

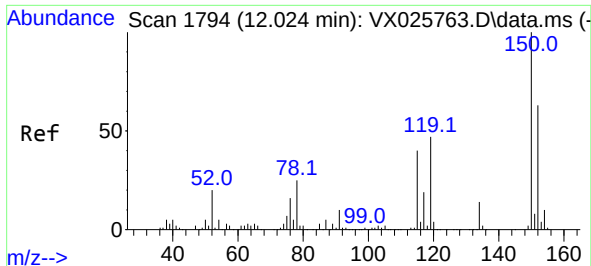
Tgt Ion: 95 Resp: 108055
Ion Ratio Lower Upper
95 100
174 76.9 0.0 157.4
176 73.6 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025777.D
Acq: 14 Dec 2021 15:22

Tgt Ion: 117 Resp: 218522
Ion Ratio Lower Upper
117 100
82 56.2 43.8 65.6
119 31.7 25.2 37.8

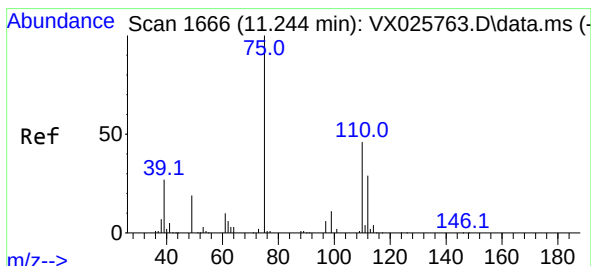
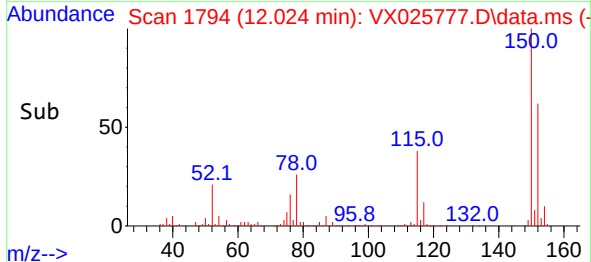
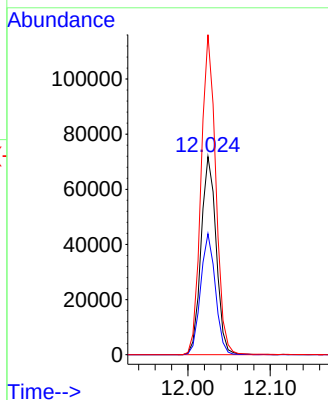
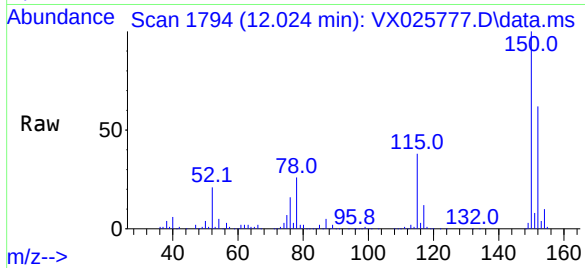




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025777.D
Acq: 14 Dec 2021 15:22

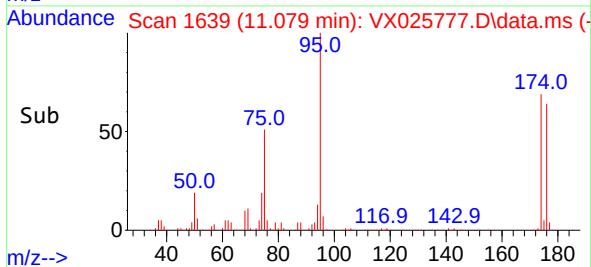
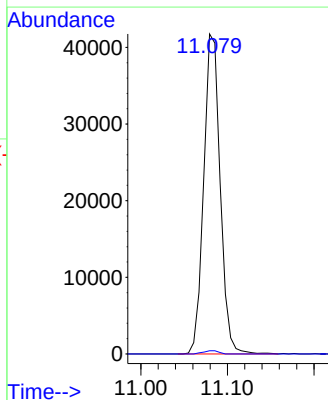
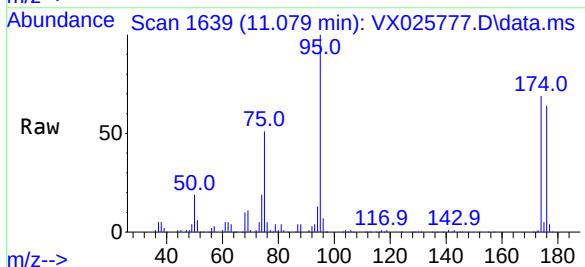
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

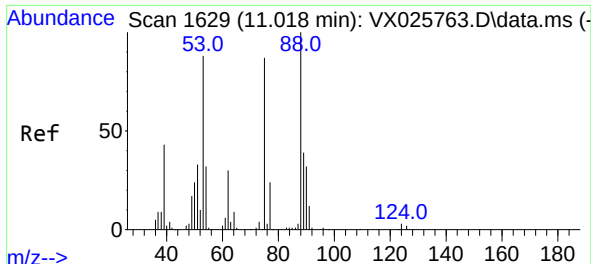
Tgt Ion:152 Resp: 91566
Ion Ratio Lower Upper
152 100
115 59.8 41.3 123.9
150 158.5 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 26.290 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025777.D
Acq: 14 Dec 2021 15:22

Tgt Ion: 75 Resp: 55155
Ion Ratio Lower Upper
75 100
77 1.0 19.0 57.0#

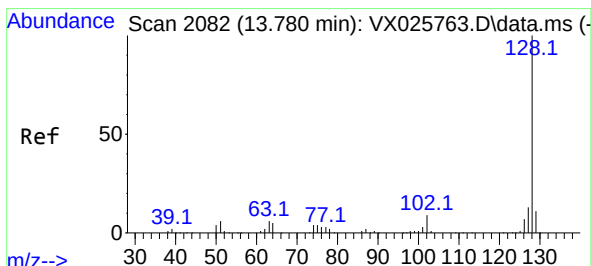
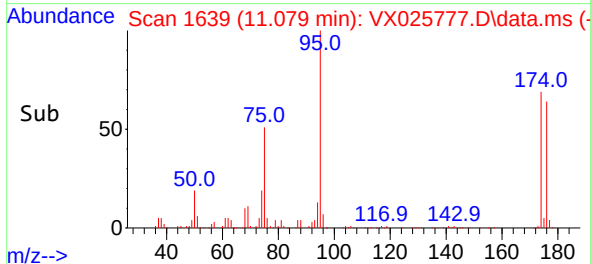
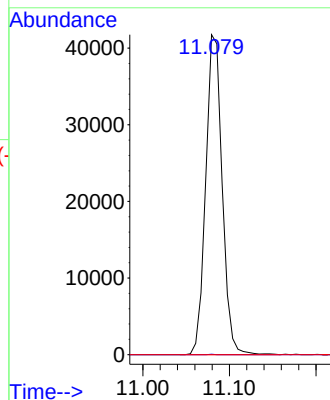
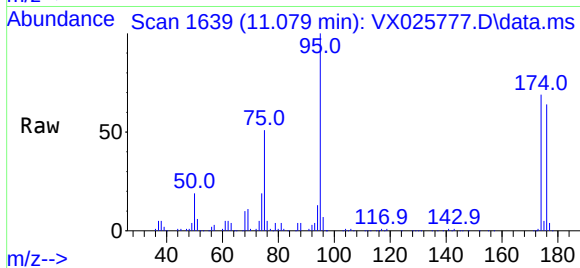




#81
trans-1,4-Dichloro-2-butene
Concen: 81.506 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025777.D
Acq: 14 Dec 2021 15:22

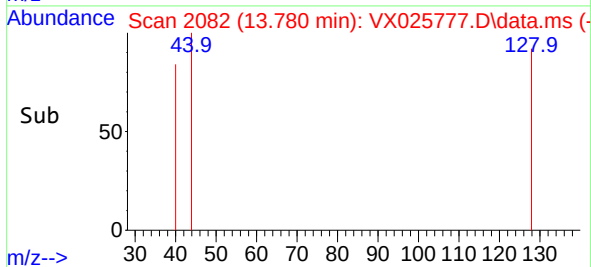
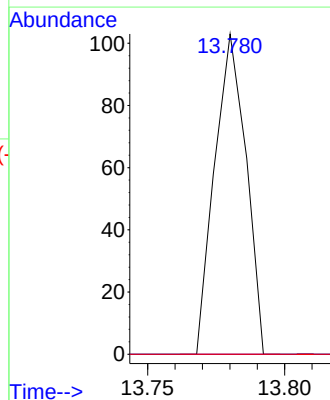
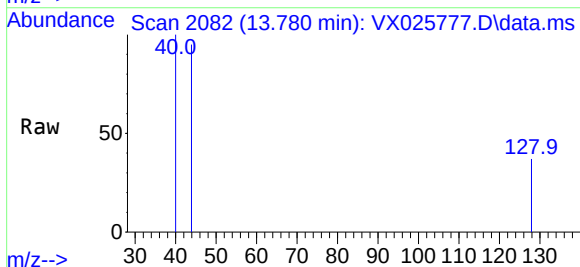
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

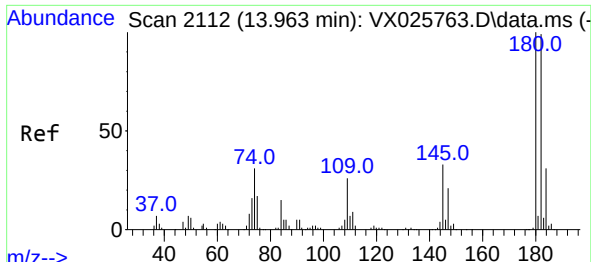
Tgt Ion: 75 Resp: 55155
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#



#95
Naphthalene
Concen: 2.424 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025777.D
Acq: 14 Dec 2021 15:22

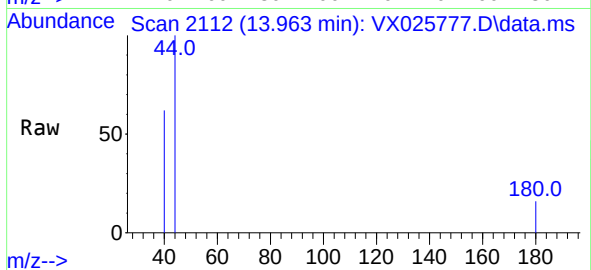
Tgt Ion: 128 Resp: 82
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.003 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX025777.D
 Acq: 14 Dec 2021 15:22

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



Tgt Ion:	180	Resp:	19
Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.5	142.6#
145	0.0	16.7	50.1#

