

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112421\
 Data File : VX025322.D
 Acq On : 24 Nov 2021 13:28
 Operator : JC/MD
 Sample : M4784-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Nov 26 10:33:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

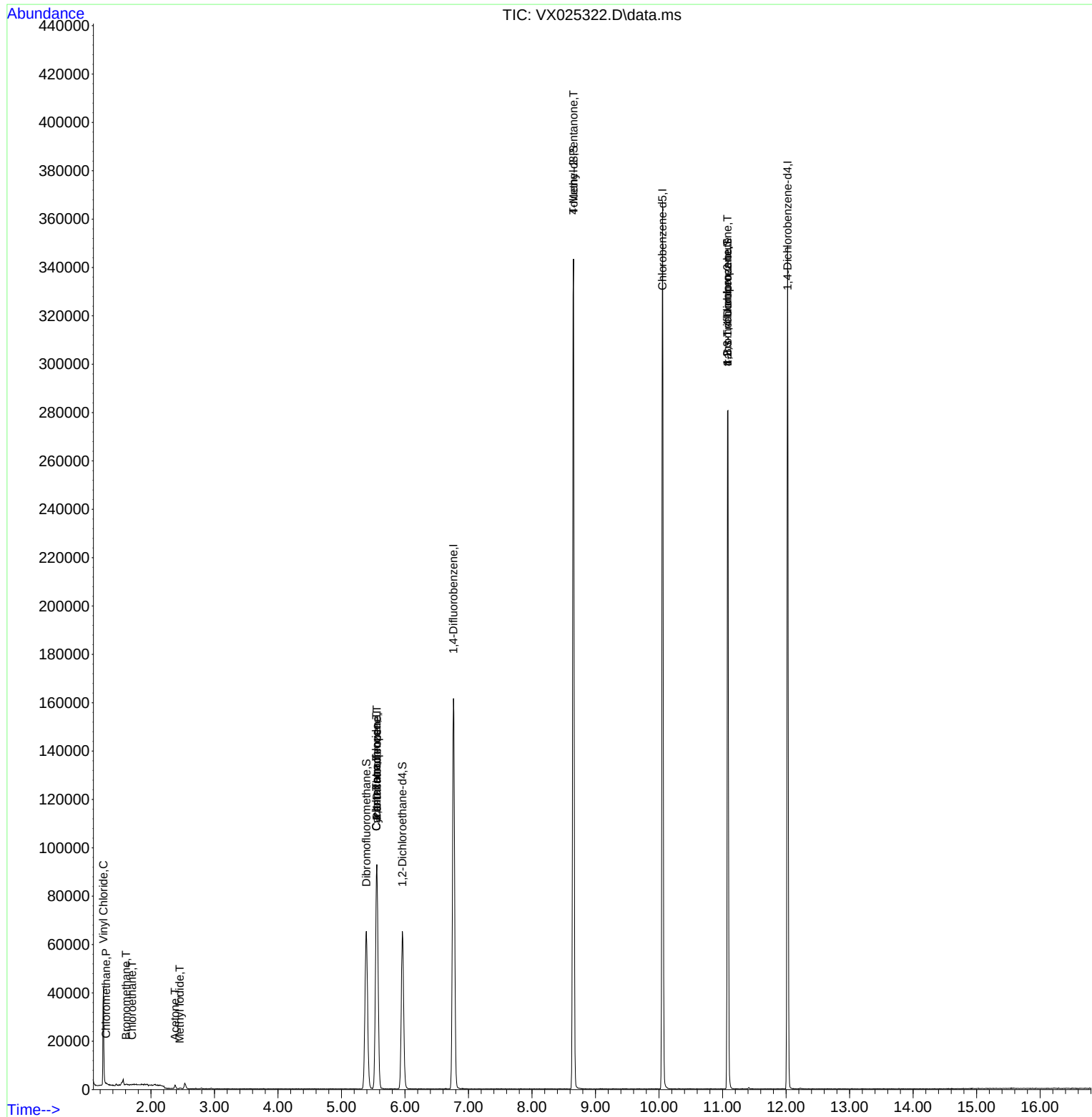
Internal Standards						
1) Pentafluorobenzene	5.556	168	96041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173977	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58186	57.477	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.960%			
35) Dibromofluoromethane	5.391	113	56030	52.489	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.980%			
50) Toluene-d8	8.653	98	207054	51.589	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.180%			
62) 4-Bromofluorobenzene	11.079	95	77441	51.003	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.000%			
Target Compounds			Qvalue			
3) Chloromethane	1.294	50	263	0.255	ug/l	100
4) Vinyl Chloride	1.252	62	322	0.285	ug/l #	1
5) Bromomethane	1.605	94	224	0.460	ug/l #	61
6) Chloroethane	1.703	64	187	0.239	ug/l #	43
10) Methyl Iodide	2.453	142	362	0.324	ug/l #	62
11) Tert butyl alcohol	2.940	59	76	Below Cal	#	72
16) Acetone	2.380	43	1528	2.716	ug/l	92
31) Cyclohexane	5.550	56	1817	1.161	ug/l #	19
36) 1,1-Dichloropropene	5.556	75	6209	4.091	ug/l #	50
38) Carbon Tetrachloride	5.550	117	8747	5.232	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1011	0.561	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37221	24.197	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37221	60.958	ug/l #	9
95) Naphthalene	13.780	128	197	Below Cal	#	69

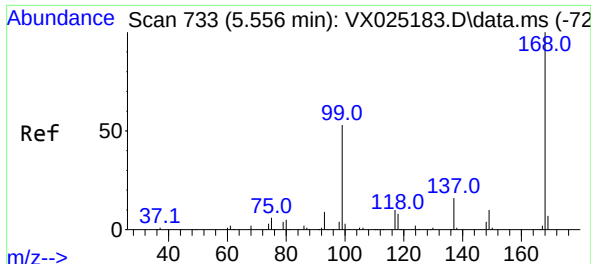
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 26 10:33:22 2021
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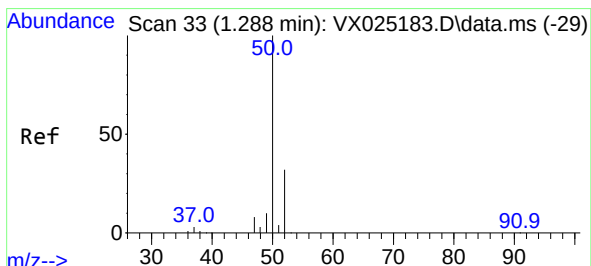
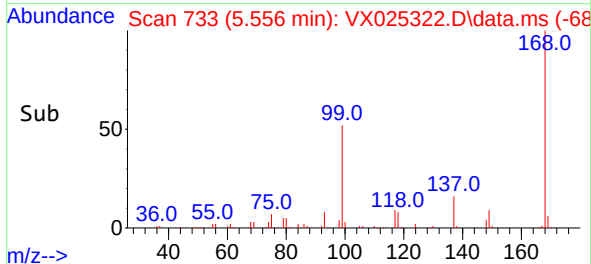
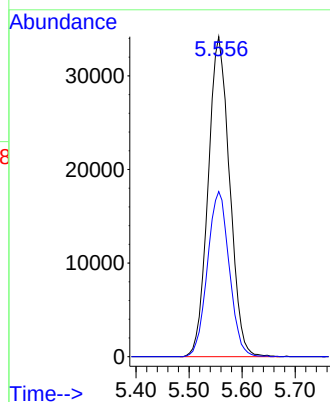
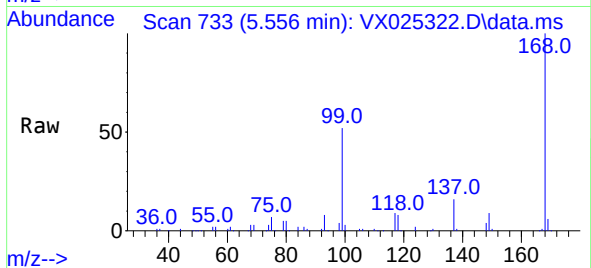




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025322.D
Acq: 24 Nov 2021 13:28

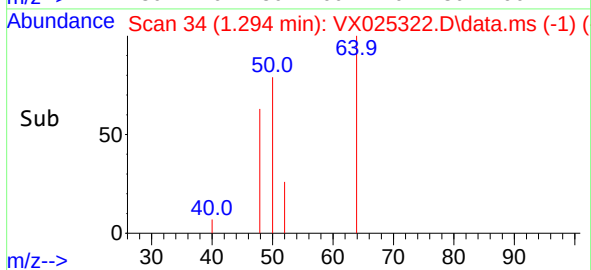
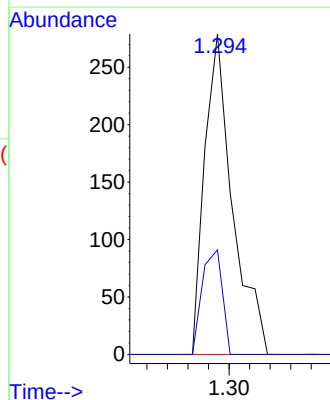
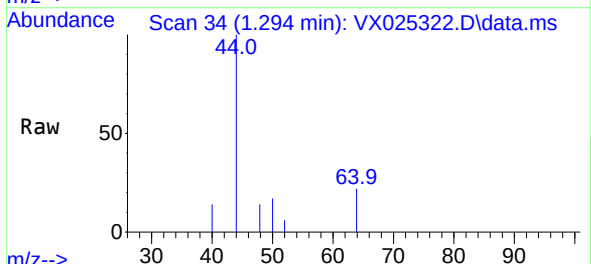
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 96041
Ion Ratio Lower Upper
168 100
99 51.6 46.4 69.6

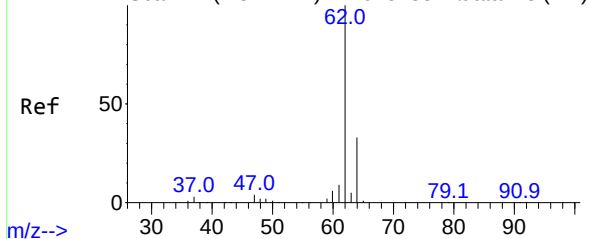


#3
Chloromethane
Concen: 0.255 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX025322.D
Acq: 24 Nov 2021 13:28

Tgt Ion: 50 Resp: 263
Ion Ratio Lower Upper
50 100
52 32.6 25.9 38.9



Abundance Scan 47 (1.374 min): VX025183.D\data.ms (-42)



#4

Vinyl Chloride

Concen: 0.285 ug/l

RT: 1.252 min Scan# 21

Delta R.T. -0.122 min

Lab File: VX025322.D

Acq: 24 Nov 2021 13:28

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

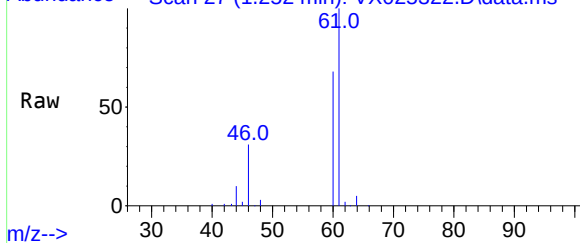
Tgt Ion: 62 Resp: 322

Ion Ratio Lower Upper

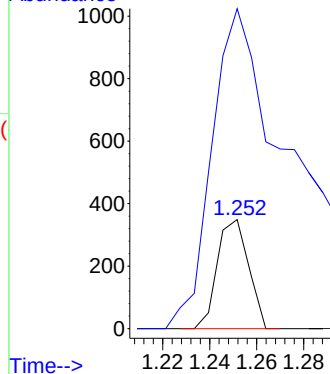
62 100

64 274.5 26.0 39.0#

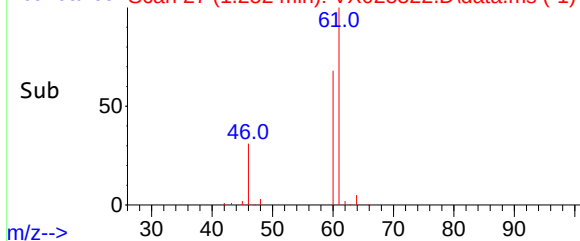
Abundance Scan 27 (1.252 min): VX025322.D\data.ms



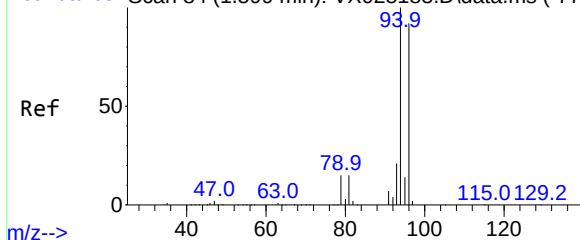
Abundance



Abundance Scan 27 (1.252 min): VX025322.D\data.ms (-1)



Abundance Scan 84 (1.599 min): VX025183.D\data.ms (-77)



#5

Bromomethane

Concen: 0.460 ug/l

RT: 1.605 min Scan# 85

Delta R.T. 0.006 min

Lab File: VX025322.D

Acq: 24 Nov 2021 13:28

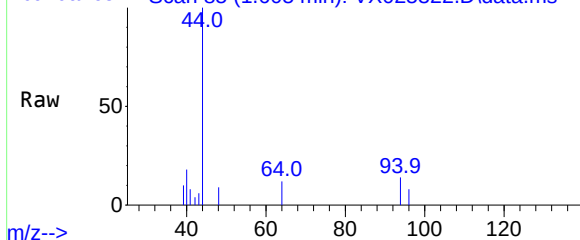
Tgt Ion: 94 Resp: 224

Ion Ratio Lower Upper

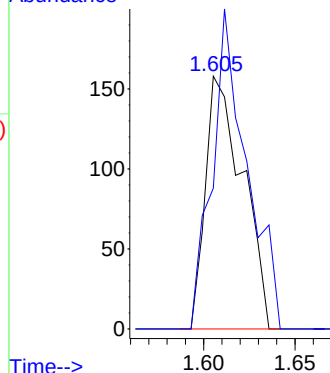
94 100

96 55.7 74.8 112.2#

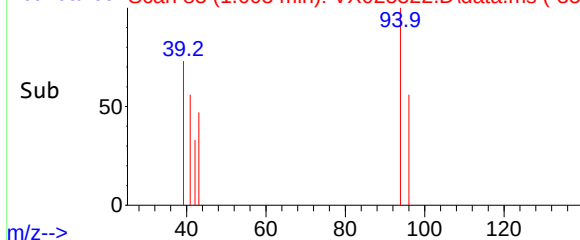
Abundance Scan 85 (1.605 min): VX025322.D\data.ms



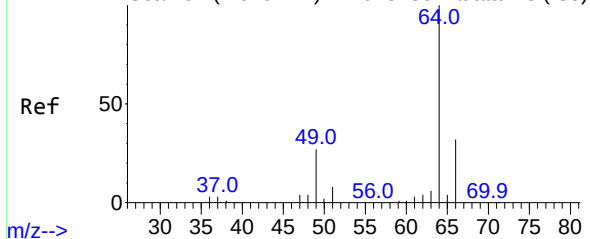
Abundance



Abundance Scan 85 (1.605 min): VX025322.D\data.ms (-35)



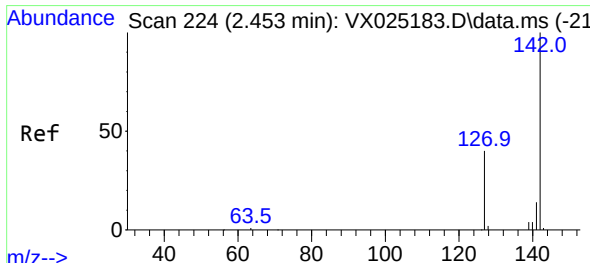
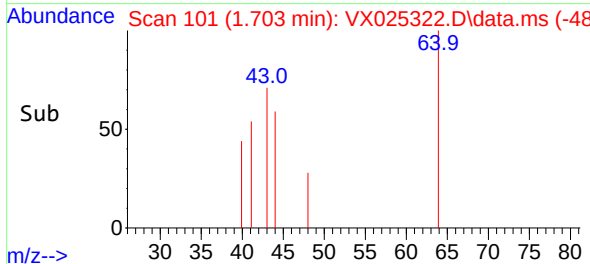
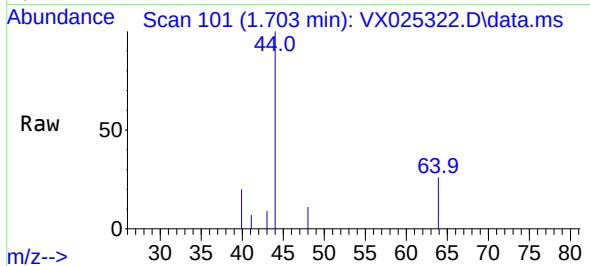
Abundance Scan 97 (1.679 min): VX025183.D\data.ms (-88)



#6
Chloroethane
Concen: 0.239 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.024 min
Lab File: VX025322.D
Acq: 24 Nov 2021 13:28

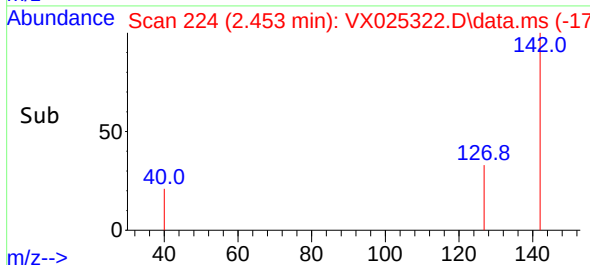
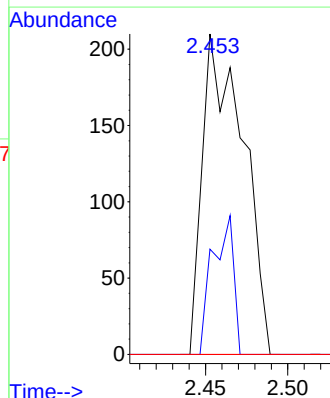
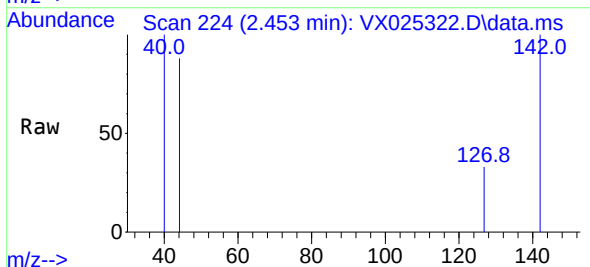
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

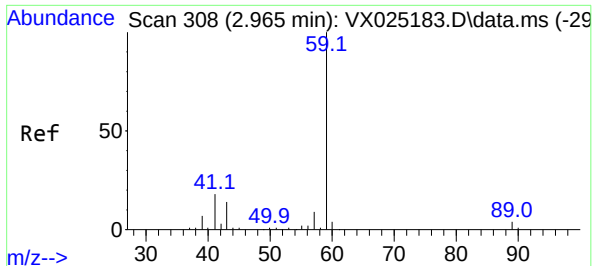
Tgt Ion: 64 Resp: 187
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#



#10
Methyl Iodide
Concen: 0.324 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX025322.D
Acq: 24 Nov 2021 13:28

Tgt Ion: 142 Resp: 362
Ion Ratio Lower Upper
142 100
127 22.4 38.9 58.3#
141 0.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 308

Delta R.T. -0.025 min

Lab File: VX025322.D

Acq: 24 Nov 2021 13:28

Instrument :

MSVOA_X

ClientSampleId :

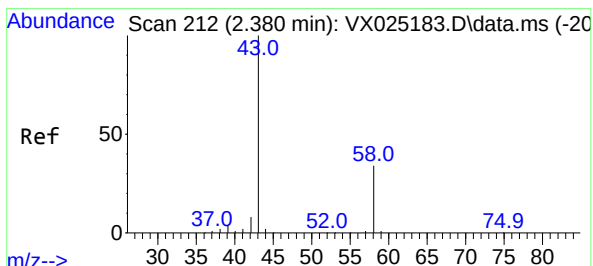
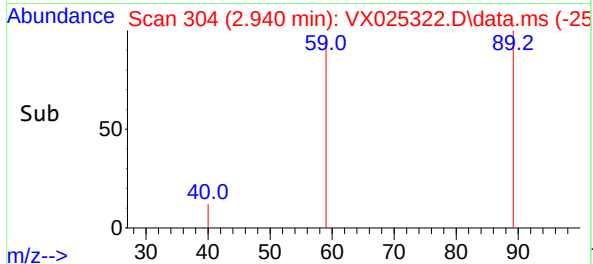
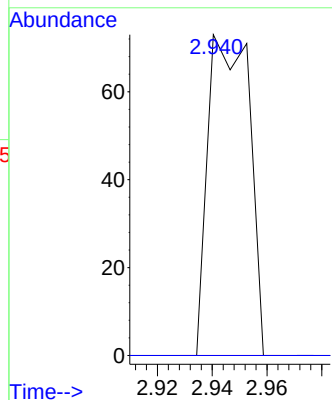
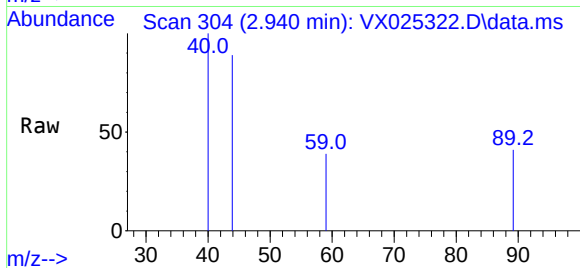
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 59 Resp: 76

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#16

Acetone

Concen: 2.716 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX025322.D

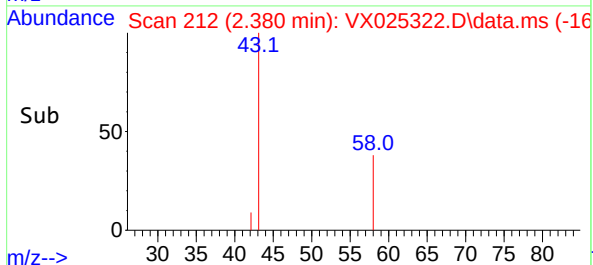
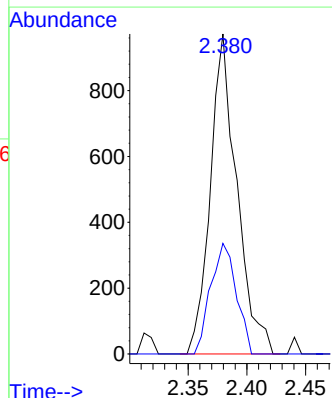
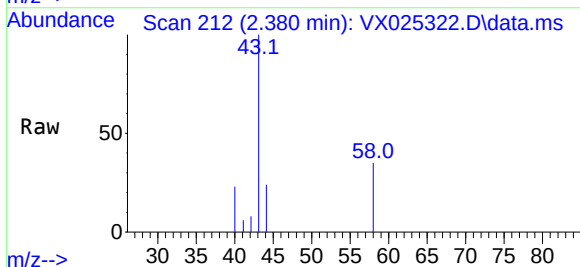
Acq: 24 Nov 2021 13:28

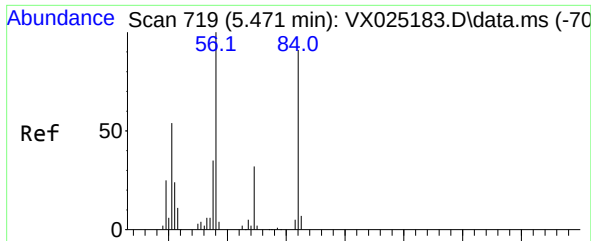
Tgt Ion: 43 Resp: 1528

Ion Ratio Lower Upper

43 100

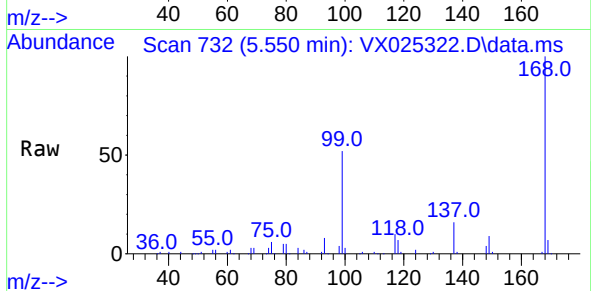
58 34.6 24.0 36.0



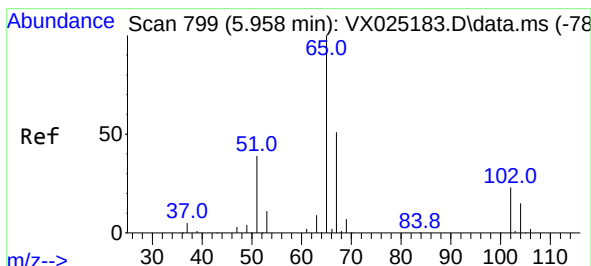
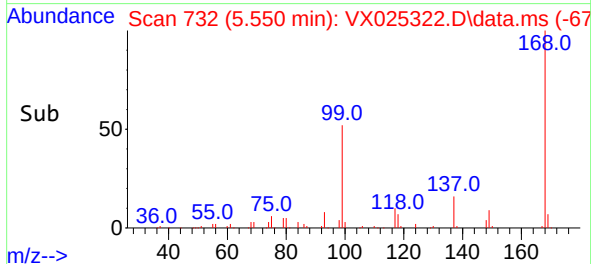
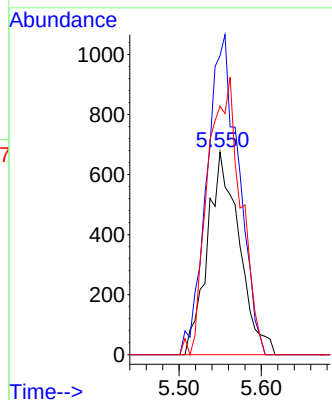


#31
Cyclohexane
Concen: 1.161 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX025322.D
Acq: 24 Nov 2021 13:28

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

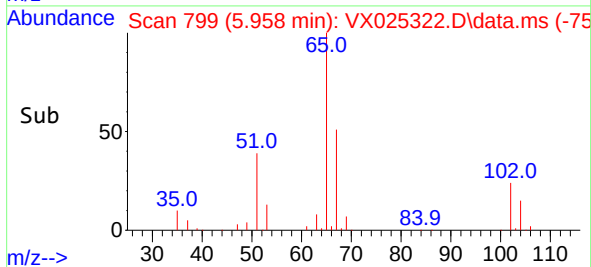
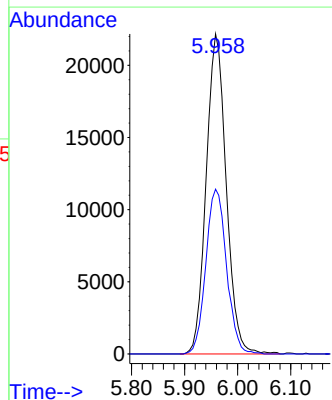
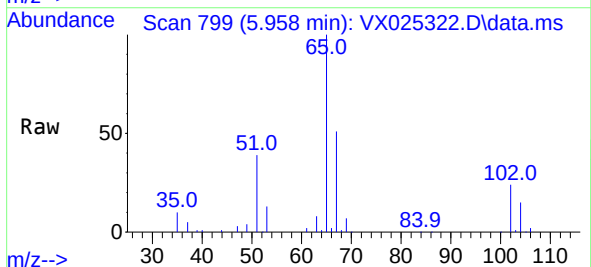


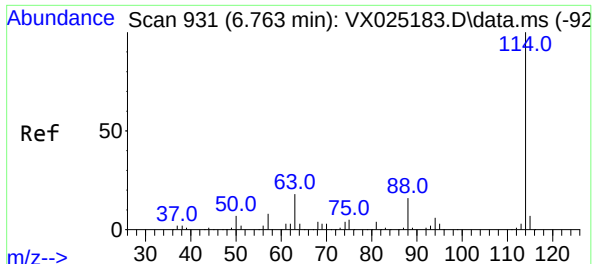
Tgt Ion: 56 Resp: 1817
Ion Ratio Lower Upper
56 100
69 147.6 24.2 36.2#
84 122.7 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 57.477 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025322.D
Acq: 24 Nov 2021 13:28

Tgt Ion: 65 Resp: 58186
Ion Ratio Lower Upper
65 100
67 53.2 0.0 101.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX025322.D

Acq: 24 Nov 2021 13:28

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

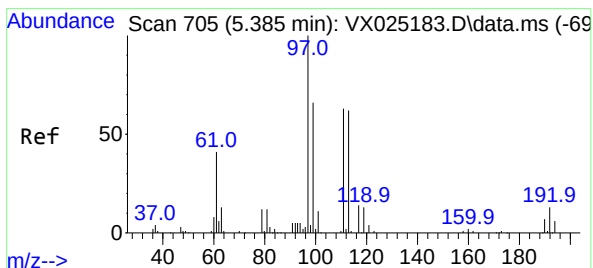
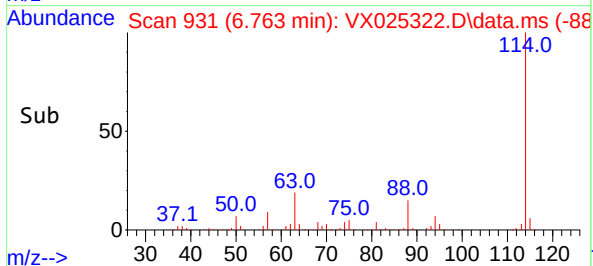
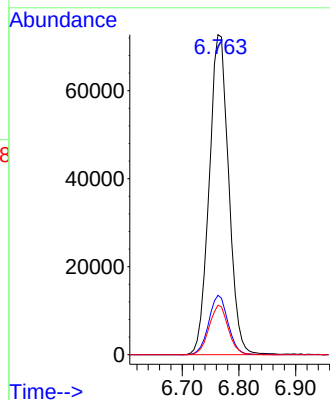
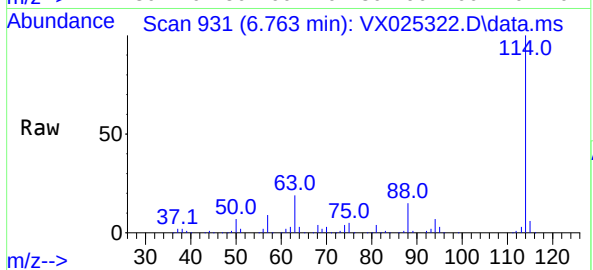
Tgt Ion:114 Resp: 173977

Ion Ratio Lower Upper

114 100

63 18.5 0.0 41.0

88 15.5 0.0 34.8



#35

Dibromofluoromethane

Concen: 52.489 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX025322.D

Acq: 24 Nov 2021 13:28

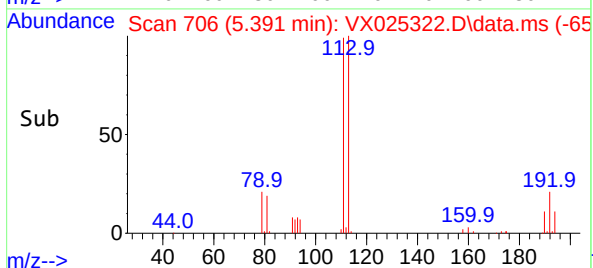
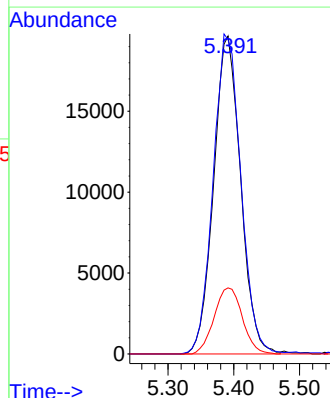
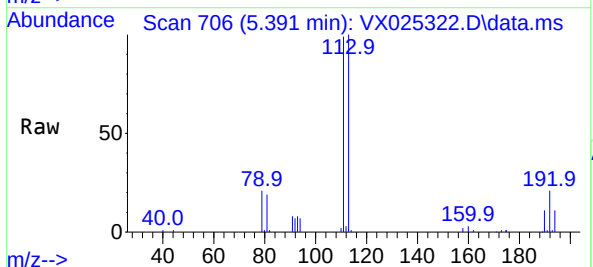
Tgt Ion:113 Resp: 56030

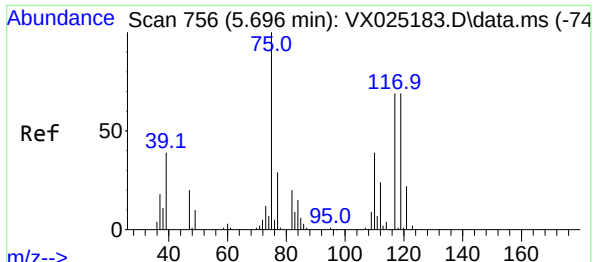
Ion Ratio Lower Upper

113 100

111 103.2 82.1 123.1

192 21.8 15.6 23.4

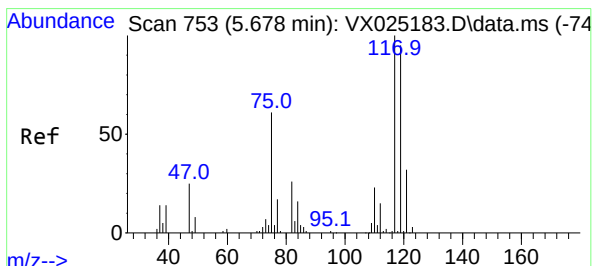
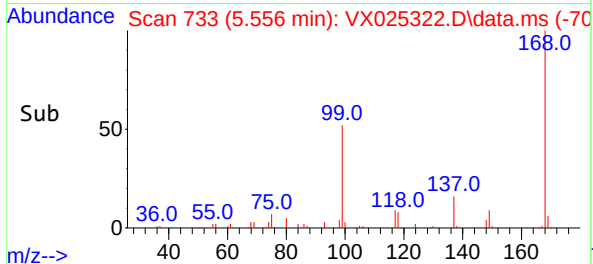
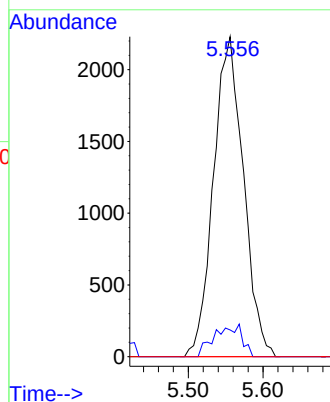
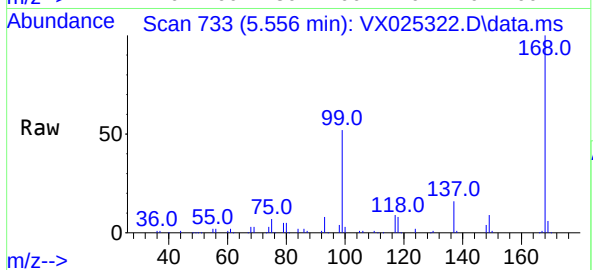




#36
1,1-Dichloropropene
Concen: 4.091 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX025322.D
Acq: 24 Nov 2021 13:28

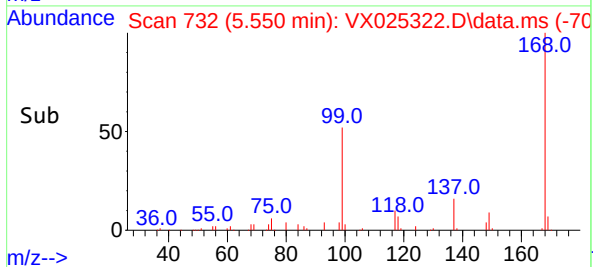
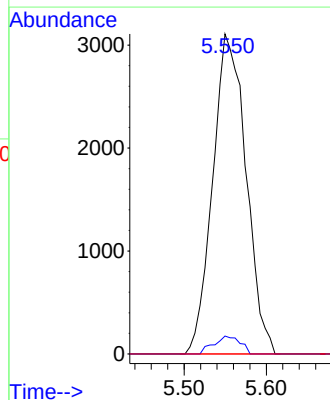
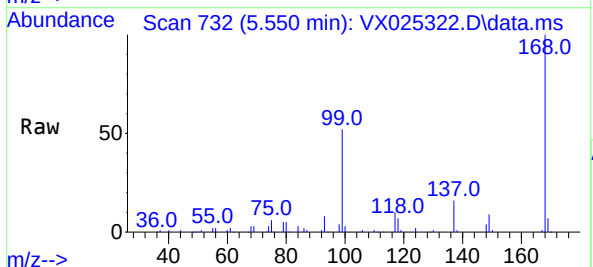
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

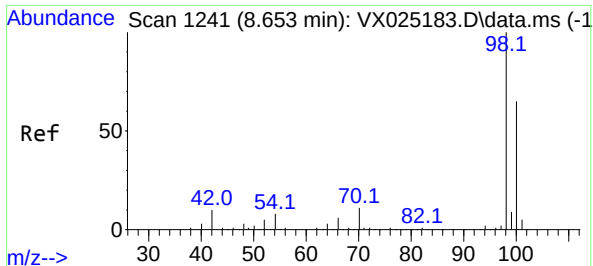
Tgt Ion: 75 Resp: 6209
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.232 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX025322.D
Acq: 24 Nov 2021 13:28

Tgt Ion: 117 Resp: 8747
Ion Ratio Lower Upper
117 100
119 5.6 75.6 113.4#
121 0.0 23.7 35.5#

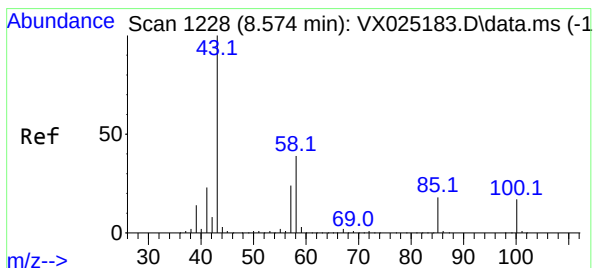
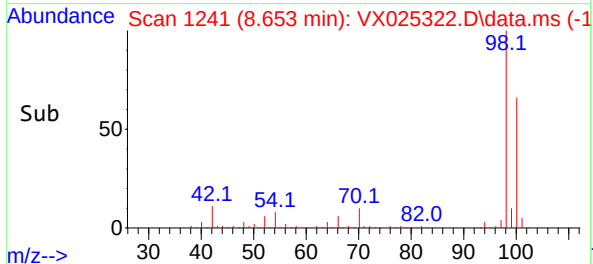
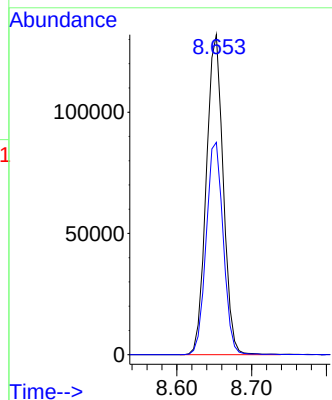
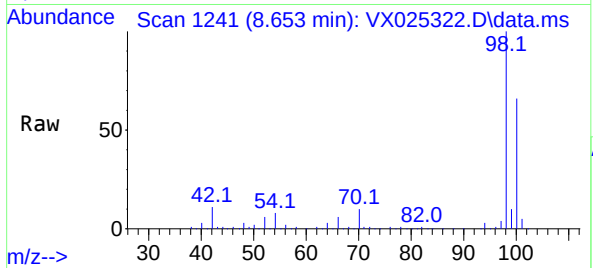




#50
Toluene-d8
Concen: 51.589 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025322.D
Acq: 24 Nov 2021 13:28

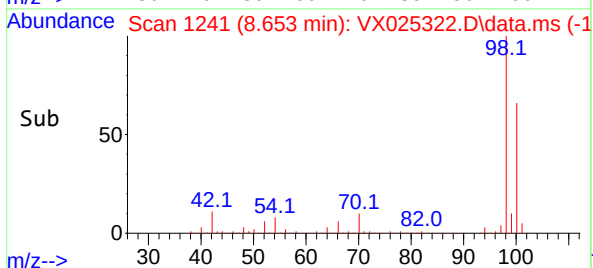
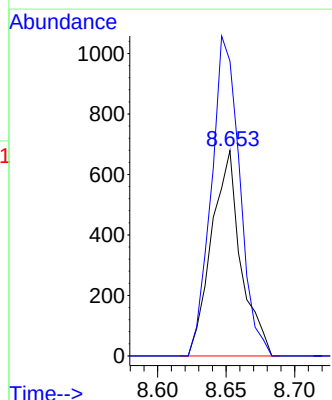
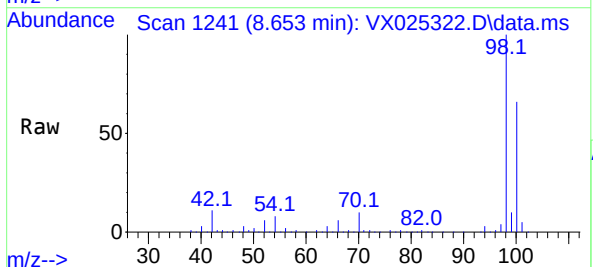
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

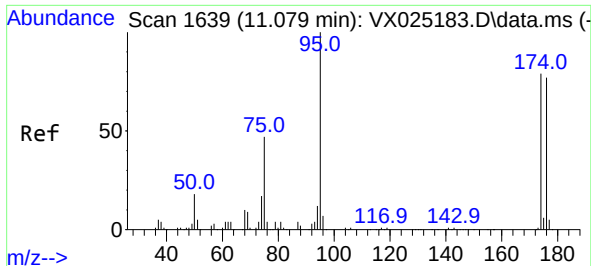
Tgt Ion: 98 Resp: 207054
Ion Ratio Lower Upper
98 100
100 66.9 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.561 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX025322.D
Acq: 24 Nov 2021 13:28

Tgt Ion: 43 Resp: 1011
Ion Ratio Lower Upper
43 100
58 150.6 30.9 46.3#

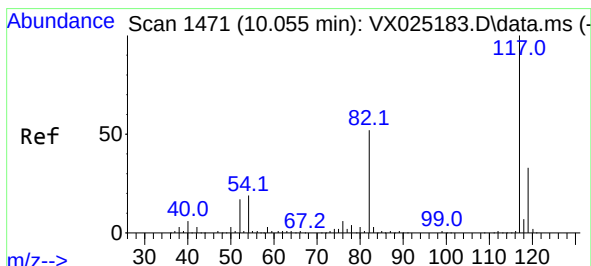
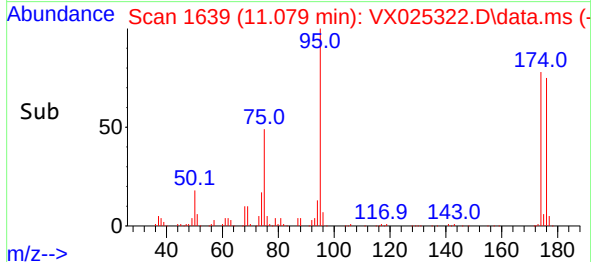
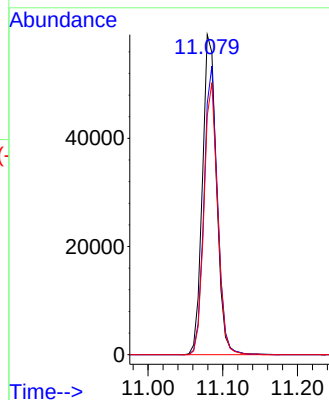
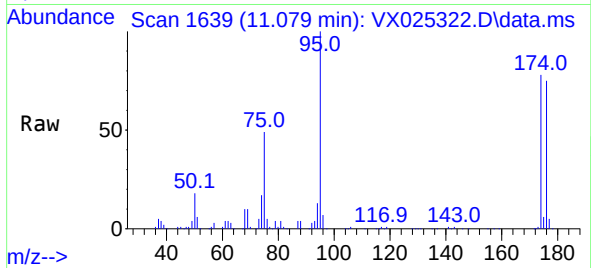




#62
4-Bromofluorobenzene
Concen: 51.003 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025322.D
Acq: 24 Nov 2021 13:28

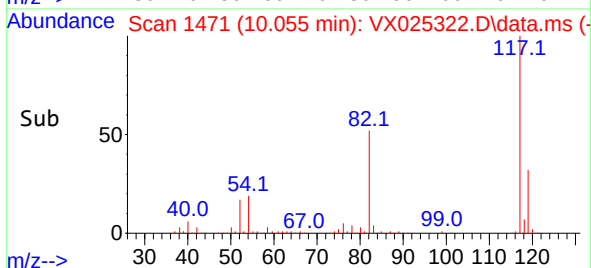
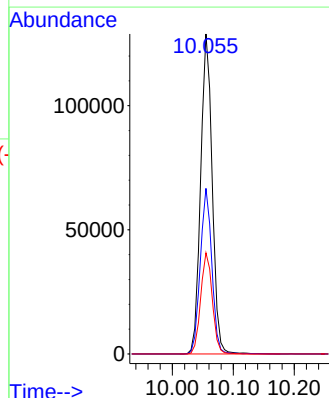
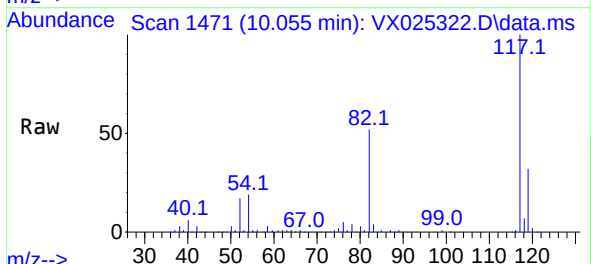
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

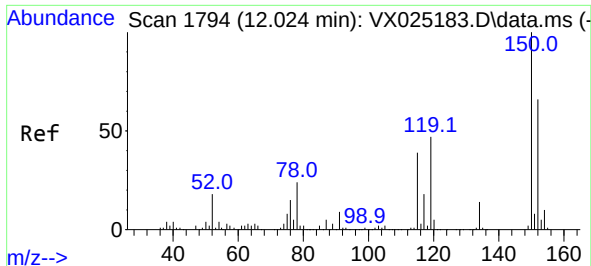
Tgt Ion: 95 Resp: 77441
Ion Ratio Lower Upper
95 100
174 86.9 0.0 158.0
176 82.3 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025322.D
Acq: 24 Nov 2021 13:28

Tgt Ion: 117 Resp: 170289
Ion Ratio Lower Upper
117 100
82 51.7 44.6 67.0
119 31.6 24.8 37.2

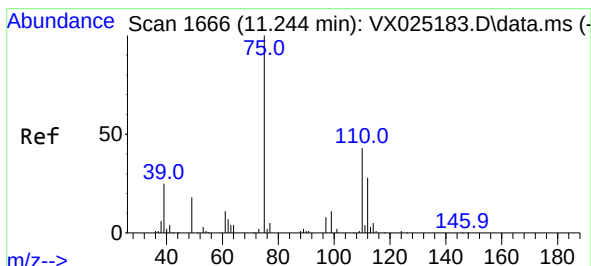
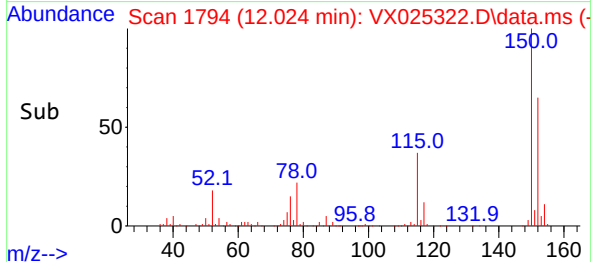
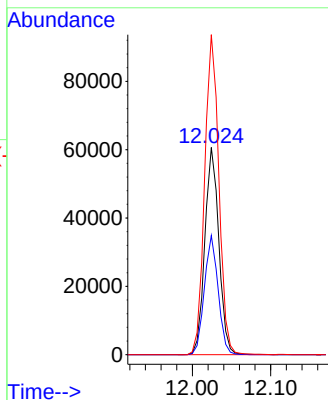
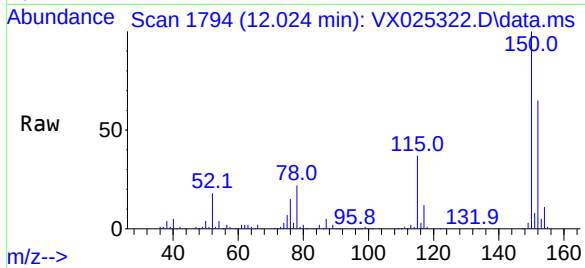




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025322.D
Acq: 24 Nov 2021 13:28

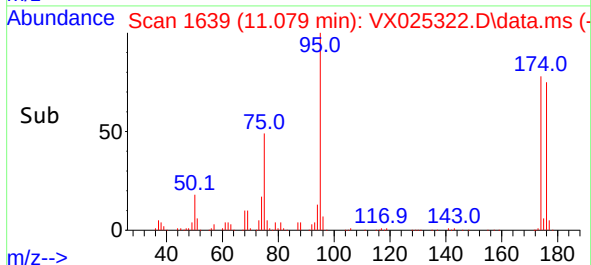
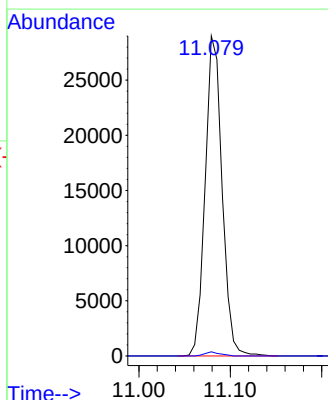
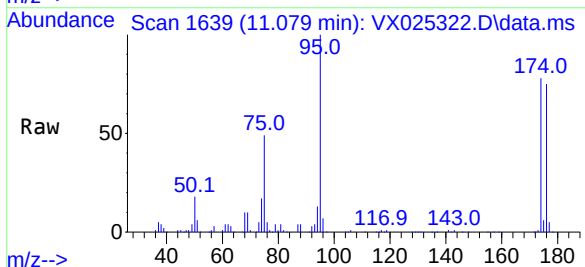
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

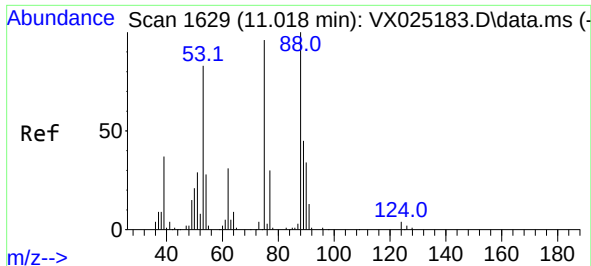
Tgt Ion:152 Resp: 75116
Ion Ratio Lower Upper
152 100
115 56.5 43.3 129.8
150 156.6 0.0 351.2



#76
1,2,3-Trichloropropane
Concen: 24.197 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025322.D
Acq: 24 Nov 2021 13:28

Tgt Ion: 75 Resp: 37221
Ion Ratio Lower Upper
75 100
77 1.1 20.0 59.9#

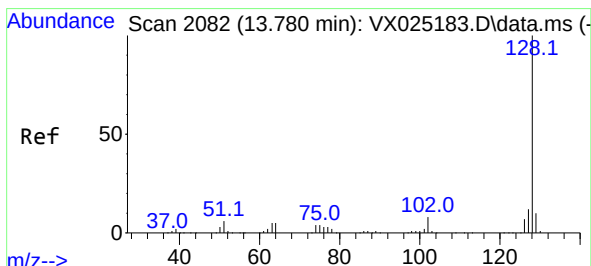
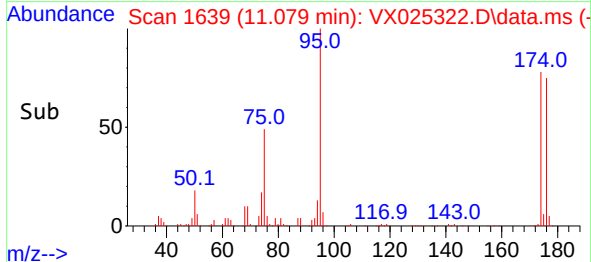
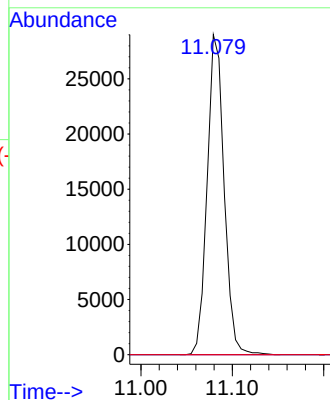
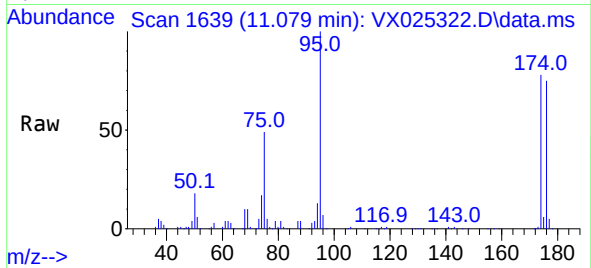




#81
trans-1,4-Dichloro-2-butene
Concen: 60.958 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025322.D
Acq: 24 Nov 2021 13:28

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

Tgt Ion: 75 Resp: 37221
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#



#95
Naphthalene
Concen: Below Cal
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025322.D
Acq: 24 Nov 2021 13:28

Tgt Ion:128 Resp: 197
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

