

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121421\
 Data File : VX025778.D
 Acq On : 14 Dec 2021 15:46
 Operator : JC/MD
 Sample : M5031-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Dec 15 07:05:03 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

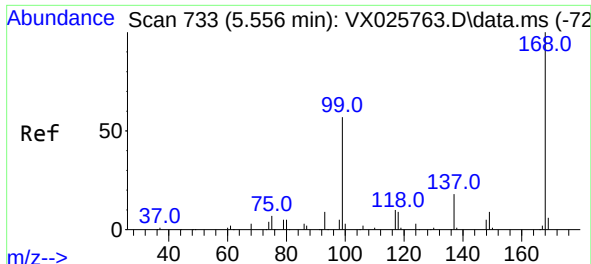
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	135636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234230	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92290	47.290	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.580%		
35) Dibromofluoromethane	5.385	113	76881	47.064	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.120%		
50) Toluene-d8	8.653	98	274957	46.197	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.400%		
62) 4-Bromofluorobenzene	11.085	95	101680	44.973	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.940%		
Target Compounds						Qvalue
6) Chloroethane	1.642	64	380	0.312	ug/l #	56
11) Tert butyl alcohol	2.959	59	197	0.503	ug/l #	73
16) Acetone	2.386	43	1133	Below Cal		91
20) Methylene Chloride	2.788	84	139	Below Cal	#	71
31) Cyclohexane	5.556	56	2937	1.238	ug/l #	15
36) 1,1-Dichloropropene	5.550	75	10933	4.935	ug/l #	50
38) Carbon Tetrachloride	5.562	117	14443	5.603	ug/l #	14
51) 4-Methyl-2-Pentanone	8.653	43	1217	0.469	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	52069	27.055	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	52069	83.879	ug/l #	10
95) Naphthalene	13.792	128	54	2.420	ug/l #	69

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

Quant Time: Dec 15 07:05:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
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Response via : Initial Calibration

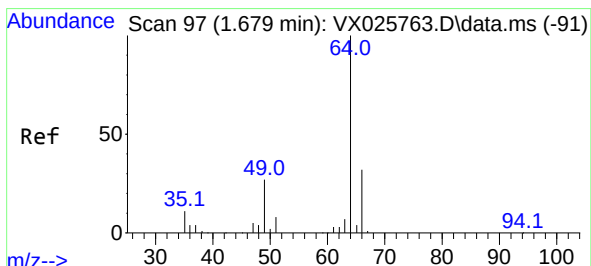
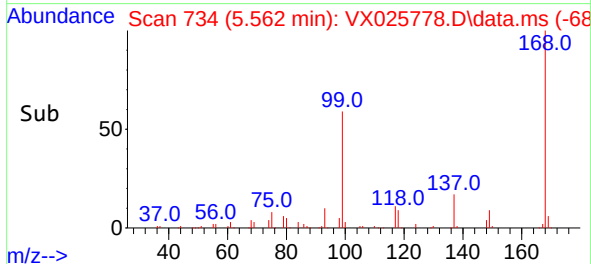
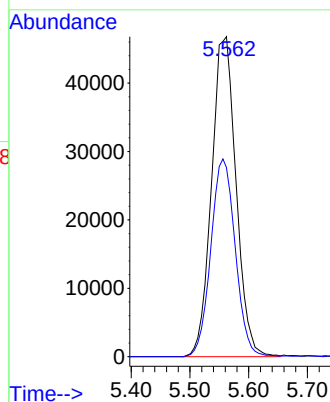
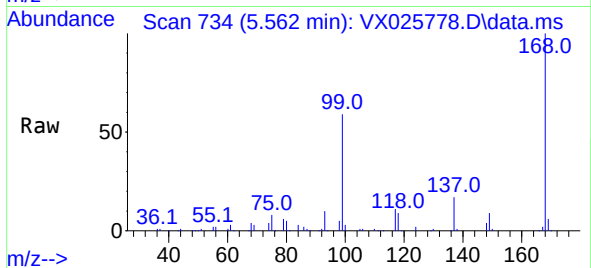




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025778.D
Acq: 14 Dec 2021 15:46

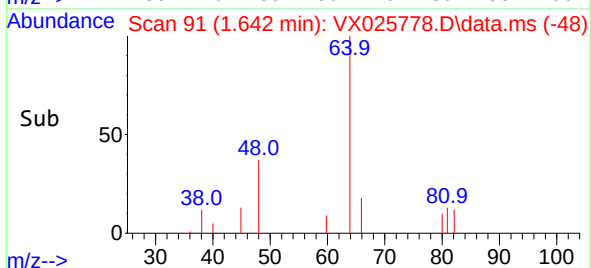
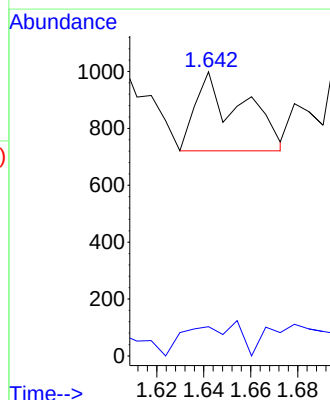
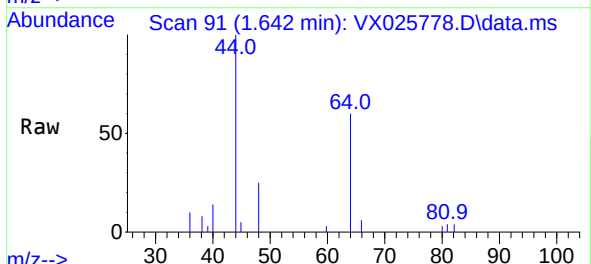
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

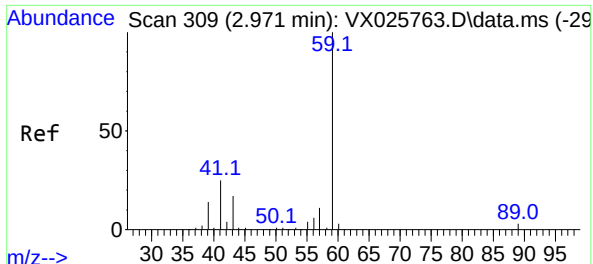
Tgt Ion:168 Resp: 135636
Ion Ratio Lower Upper
168 100
99 59.1 45.8 68.8



#6
Chloroethane
Concen: 0.312 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.037 min
Lab File: VX025778.D
Acq: 14 Dec 2021 15:46

Tgt Ion: 64 Resp: 380
Ion Ratio Lower Upper
64 100
66 7.6 25.9 38.9#





#11

Tert butyl alcohol

Concen: 0.503 ug/l

RT: 2.959 min Scan# 309

Delta R.T. -0.012 min

Lab File: VX025778.D

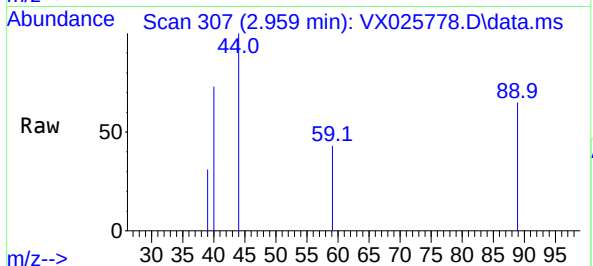
Acq: 14 Dec 2021 15:46

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

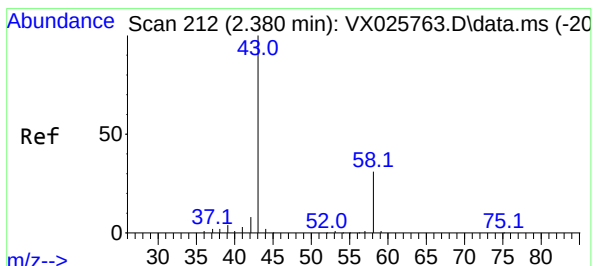
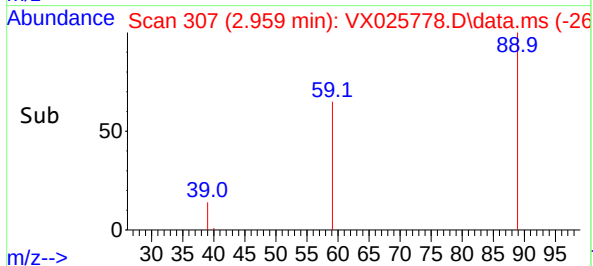
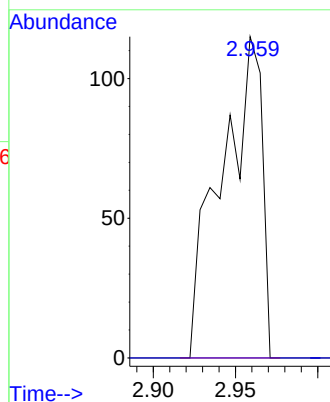


Tgt Ion: 59 Resp: 197

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: Below Cal

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX025778.D

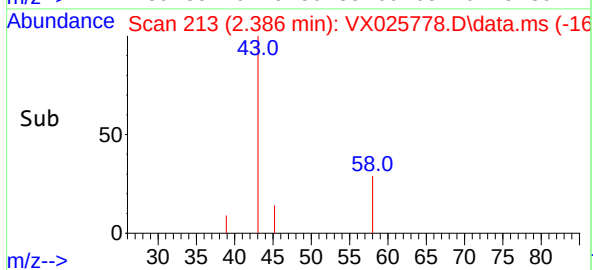
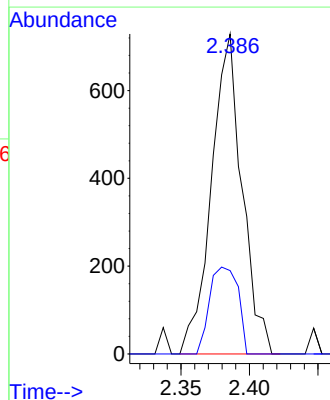
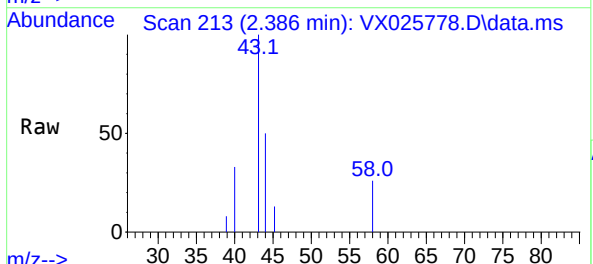
Acq: 14 Dec 2021 15:46

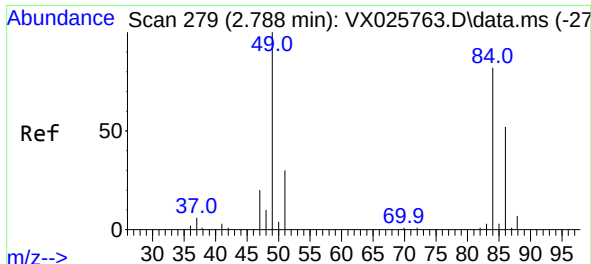
Tgt Ion: 43 Resp: 1133

Ion Ratio Lower Upper

43 100

58 26.1 24.8 37.2





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX025778.D

Acq: 14 Dec 2021 15:46

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 84 Resp: 139

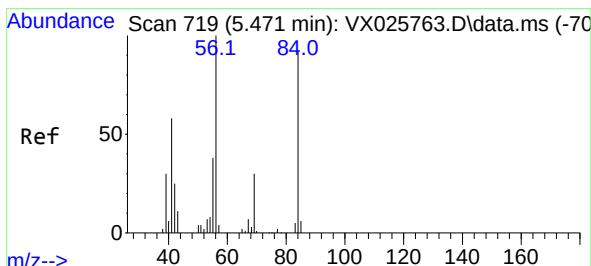
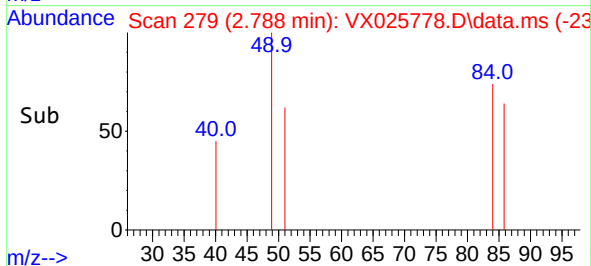
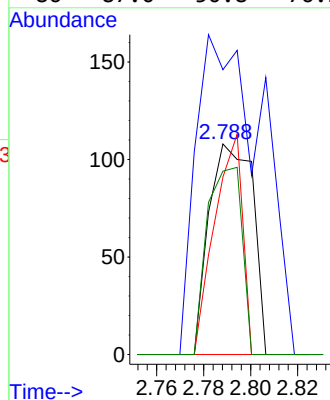
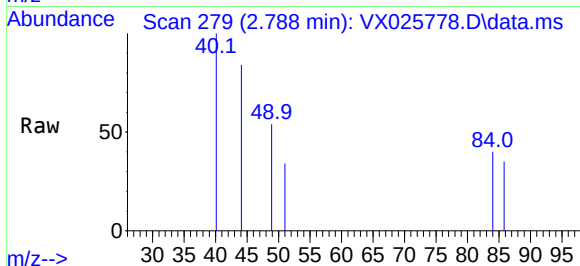
Ion Ratio Lower Upper

84 100

49 135.2 97.1 145.7

51 84.3 29.3 43.9#

86 87.0 50.8 76.2#



#31

Cyclohexane

Concen: 1.238 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX025778.D

Acq: 14 Dec 2021 15:46

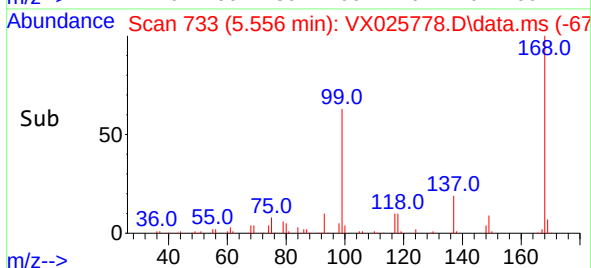
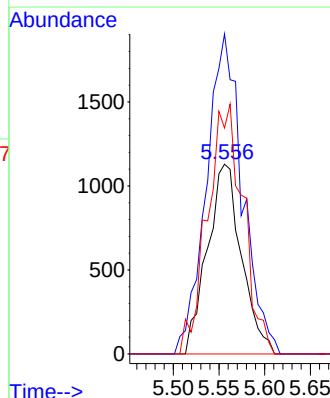
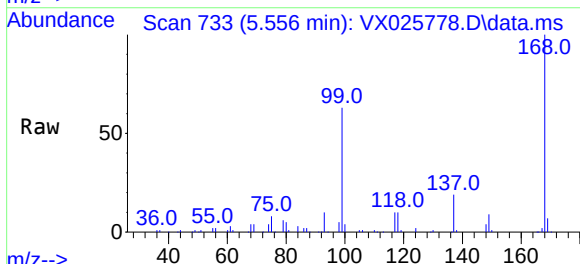
Tgt Ion: 56 Resp: 2937

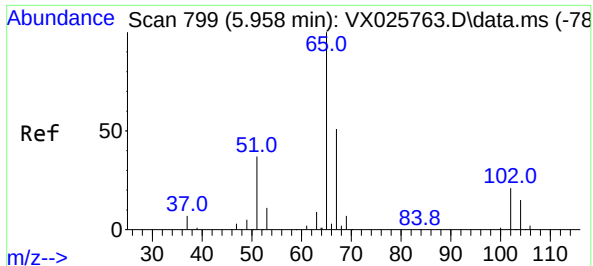
Ion Ratio Lower Upper

56 100

69 168.6 23.9 35.9#

84 119.0 73.2 109.8#





#33

1,2-Dichloroethane-d4

Concen: 47.290 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX025778.D

Acq: 14 Dec 2021 15:46

Instrument :

MSVOA_X

ClientSampleId :

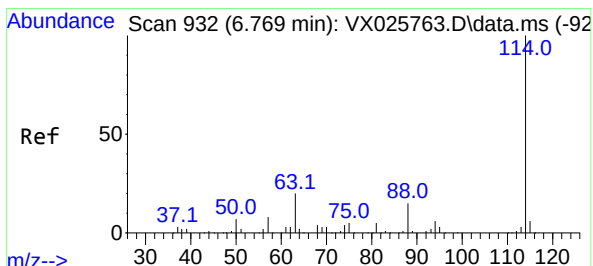
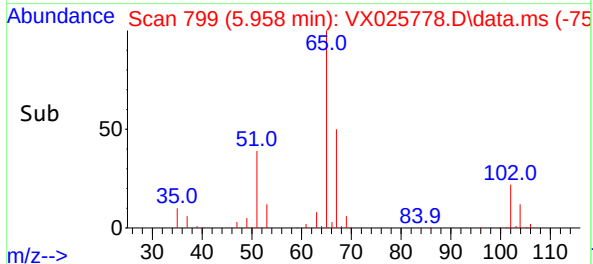
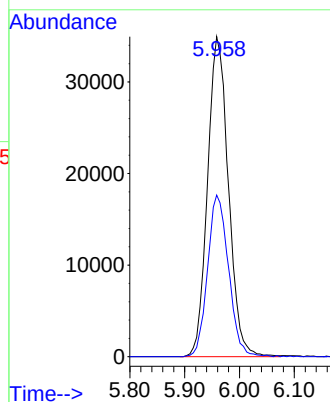
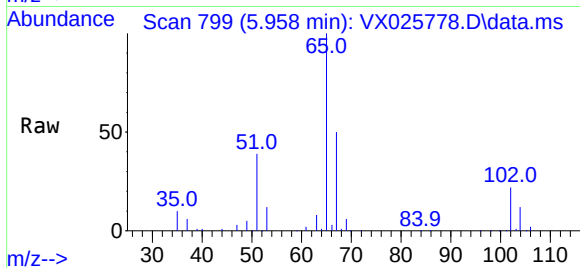
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 92290

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX025778.D

Acq: 14 Dec 2021 15:46

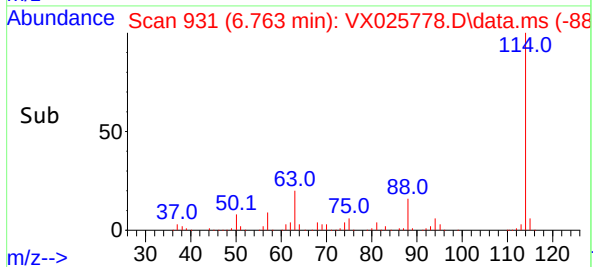
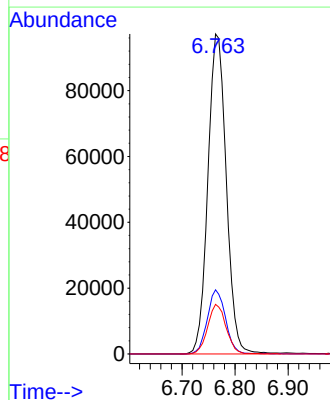
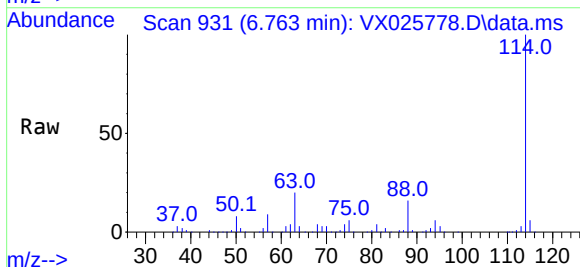
Tgt Ion: 114 Resp: 234230

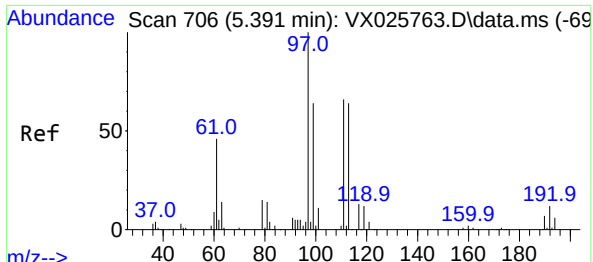
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 15.5 0.0 30.6



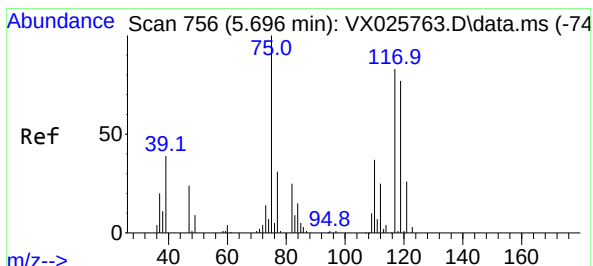
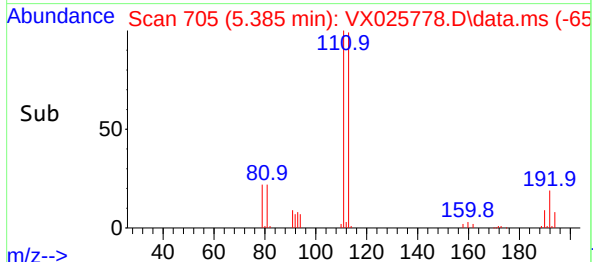
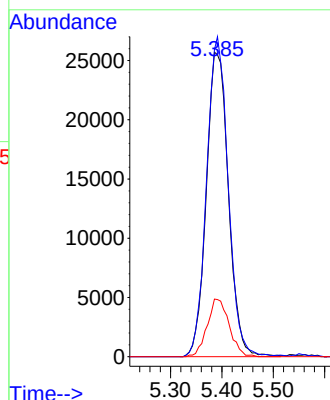
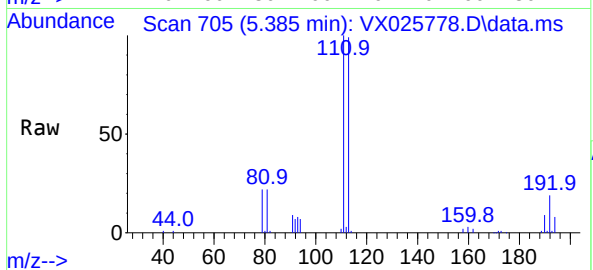


#35
Dibromofluoromethane
Concen: 47.064 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX025778.D
Acq: 14 Dec 2021 15:46

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:113 Resp: 76881

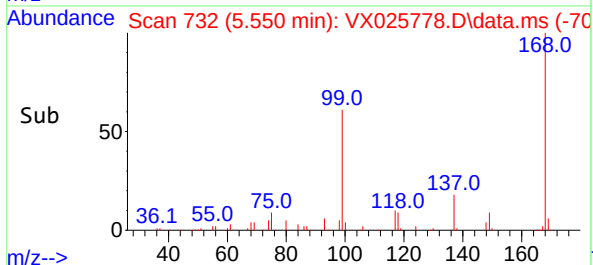
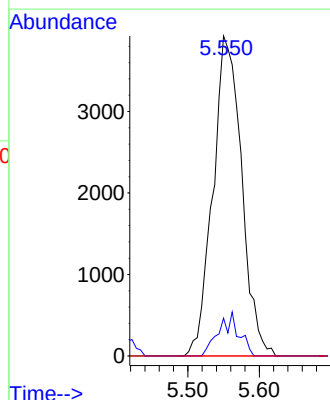
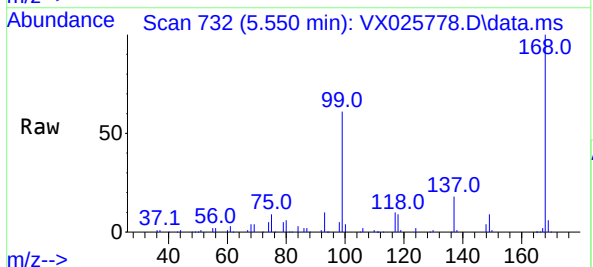
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.8
192	18.8	15.0	22.4

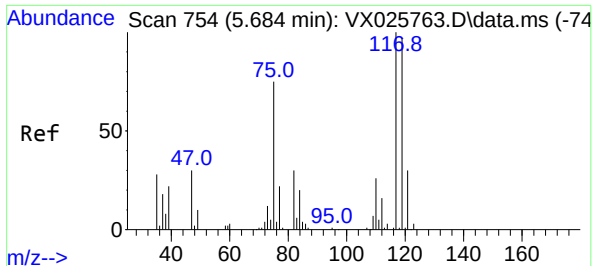


#36
1,1-Dichloropropene
Concen: 4.935 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX025778.D
Acq: 14 Dec 2021 15:46

Tgt Ion: 75 Resp: 10933

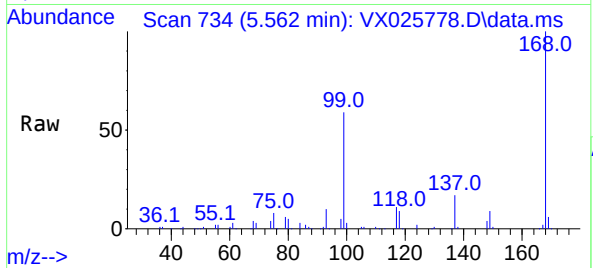
Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.2	54.6#
77	0.0	24.7	37.1#



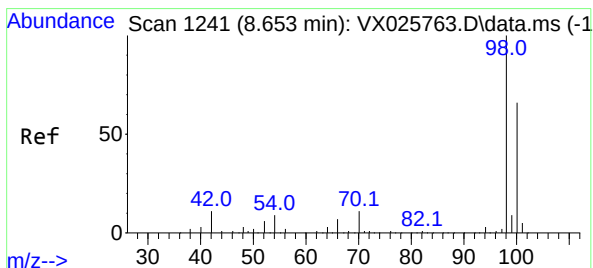
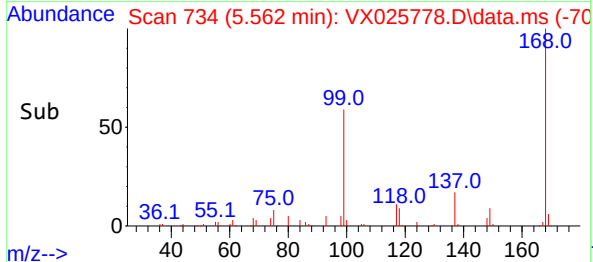
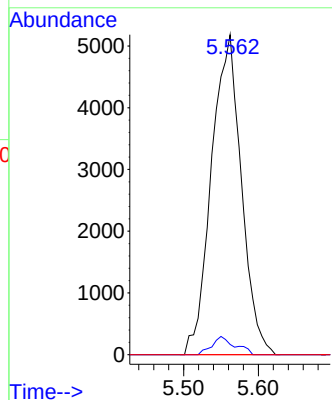


#38
Carbon Tetrachloride
Concen: 5.603 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX025778.D
Acq: 14 Dec 2021 15:46

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

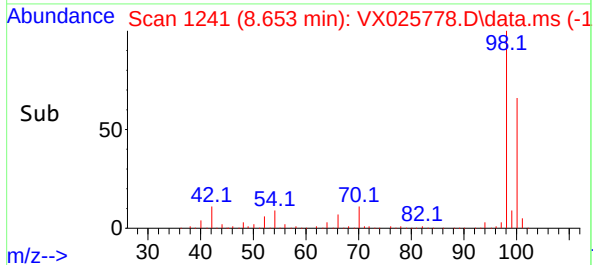
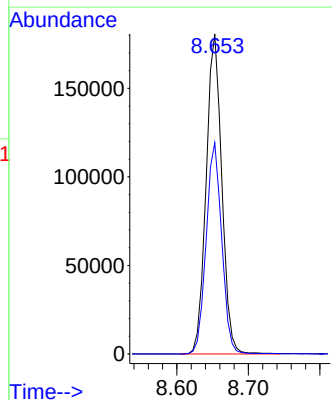
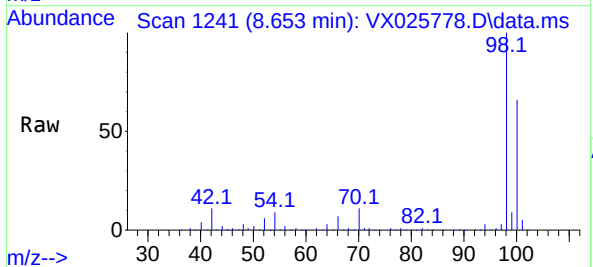


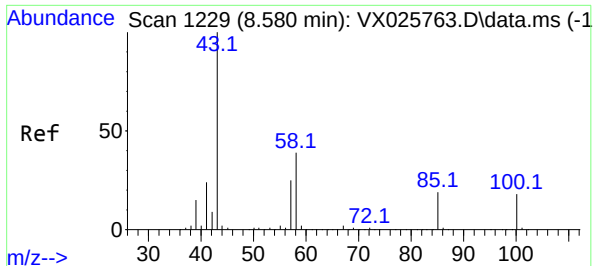
Tgt Ion:117 Resp: 14443
Ion Ratio Lower Upper
117 100
119 3.2 77.2 115.8#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 46.197 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025778.D
Acq: 14 Dec 2021 15:46

Tgt Ion: 98 Resp: 274957
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.469 ug/l

RT: 8.653 min Scan# 1229

Delta R.T. 0.073 min

Lab File: VX025778.D

Acq: 14 Dec 2021 15:46

Instrument :

MSVOA_X

ClientSampleId :

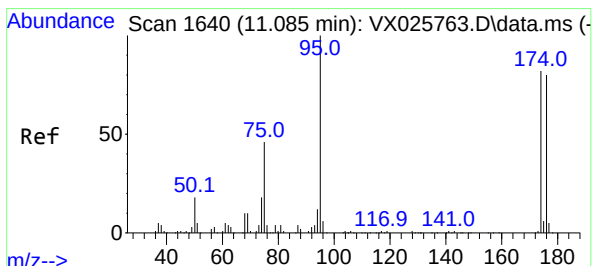
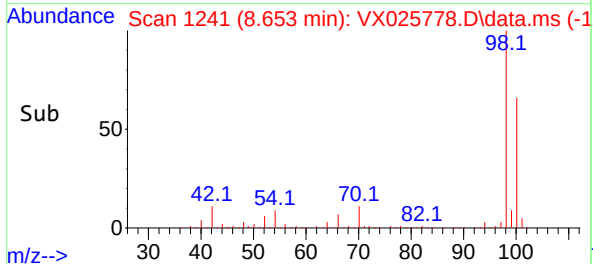
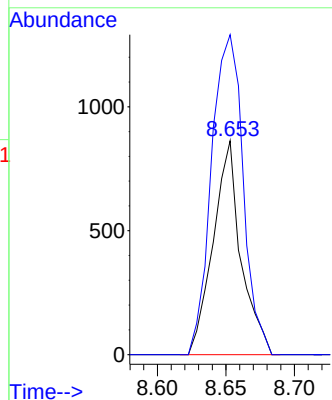
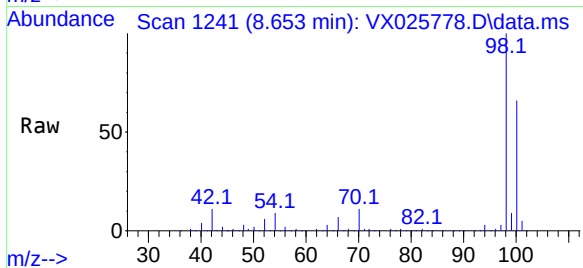
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 43 Resp: 1217

Ion Ratio Lower Upper

43 100

58 170.3 30.8 46.2#



#62

4-Bromofluorobenzene

Concen: 44.973 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.000 min

Lab File: VX025778.D

Acq: 14 Dec 2021 15:46

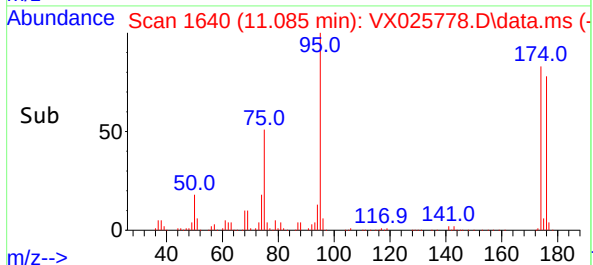
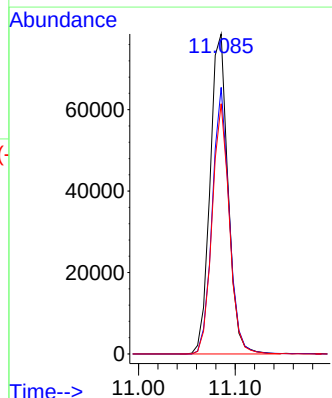
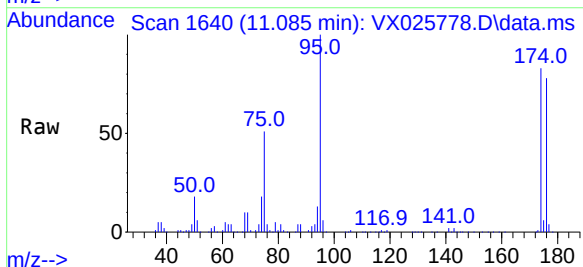
Tgt Ion: 95 Resp: 101680

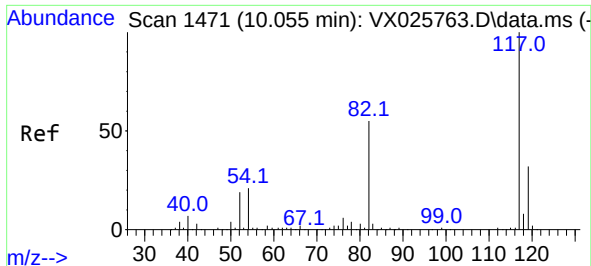
Ion Ratio Lower Upper

95 100

174 78.4 0.0 157.4

176 74.7 0.0 154.6

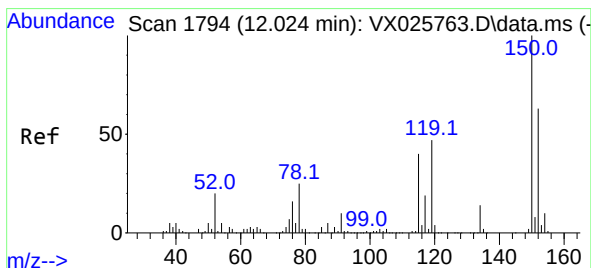
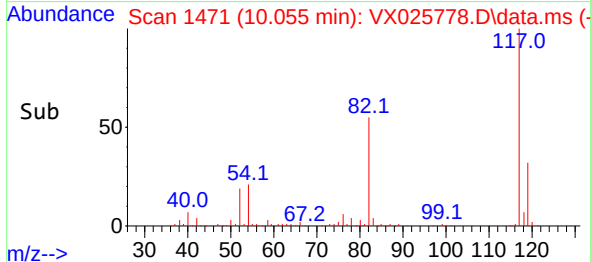
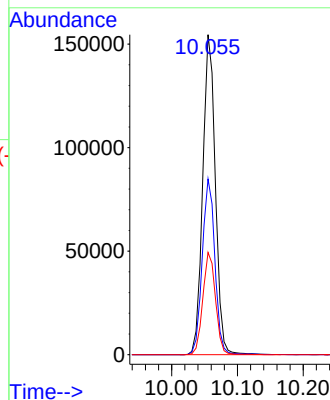
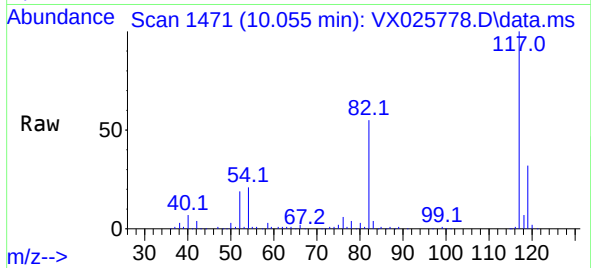




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025778.D
Acq: 14 Dec 2021 15:46

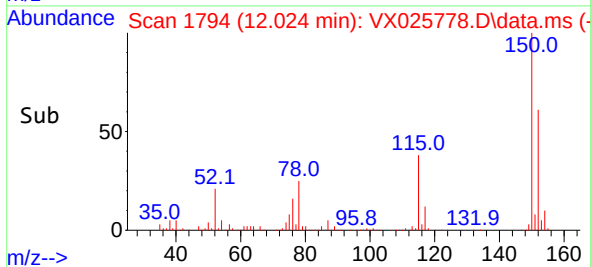
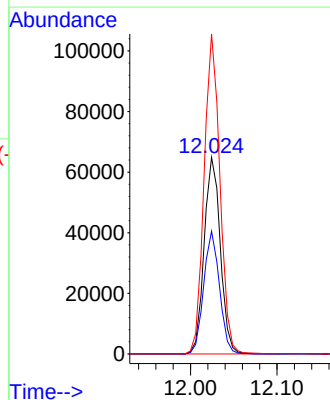
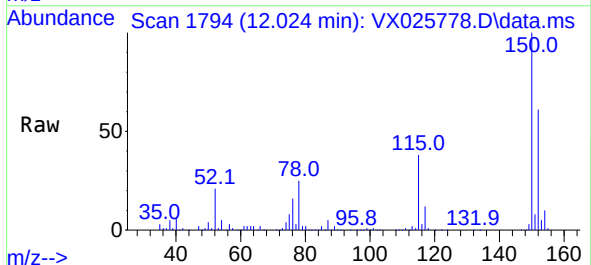
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

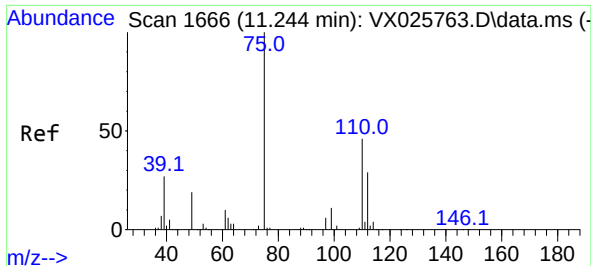
Tgt Ion:117 Resp: 206438
Ion Ratio Lower Upper
117 100
82 54.9 43.8 65.6
119 32.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025778.D
Acq: 14 Dec 2021 15:46

Tgt Ion:152 Resp: 83998
Ion Ratio Lower Upper
152 100
115 61.0 41.3 123.9
150 159.3 0.0 351.8

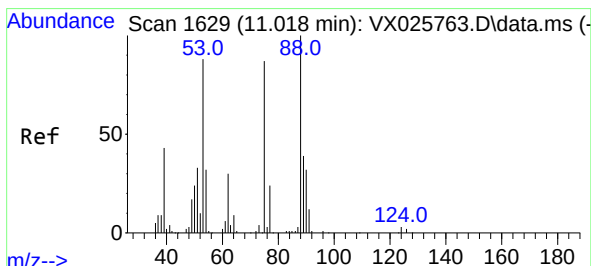
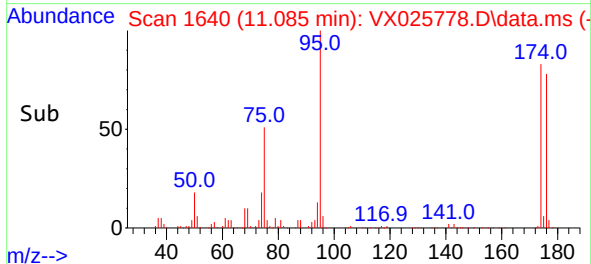
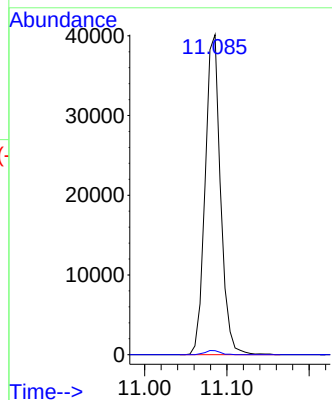
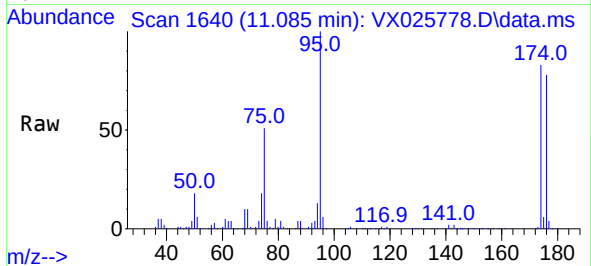




#76
1,2,3-Trichloropropane
Concen: 27.055 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX025778.D
Acq: 14 Dec 2021 15:46

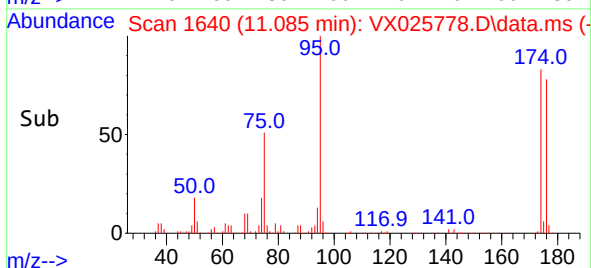
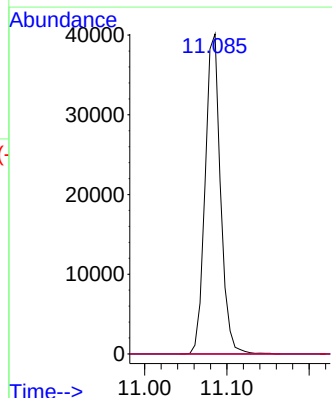
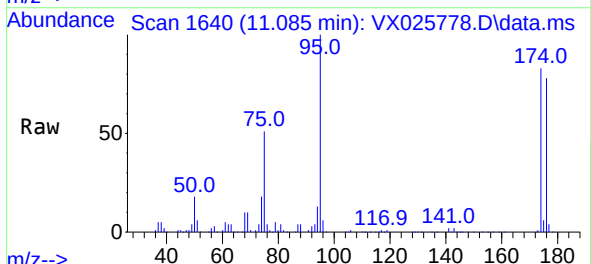
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

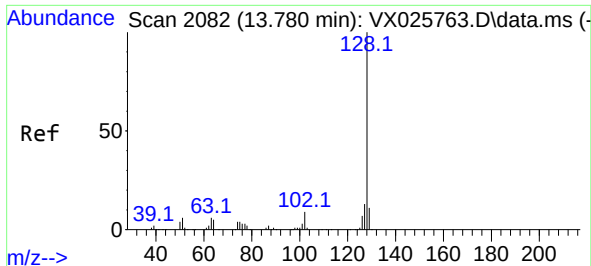
Tgt Ion: 75 Resp: 52069
Ion Ratio Lower Upper
75 100
77 1.3 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.879 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX025778.D
Acq: 14 Dec 2021 15:46

Tgt Ion: 75 Resp: 52069
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#





#95

Naphthalene

Concen: 2.420 ug/l

RT: 13.792 min Scan# 20

Delta R.T. 0.012 min

Lab File: VX025778.D

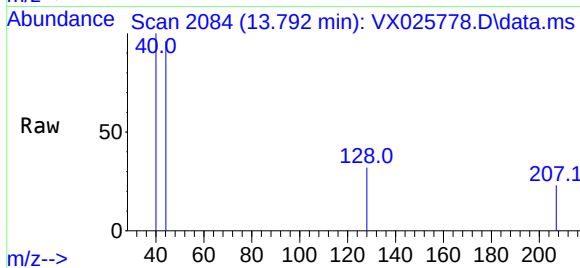
Acq: 14 Dec 2021 15:46

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion:	128	Resp:	54
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

