

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031957.D
 Acq On : 07 Oct 2022 13:15
 Operator : JC/MD
 Sample : N4925-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Oct 08 05:10:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

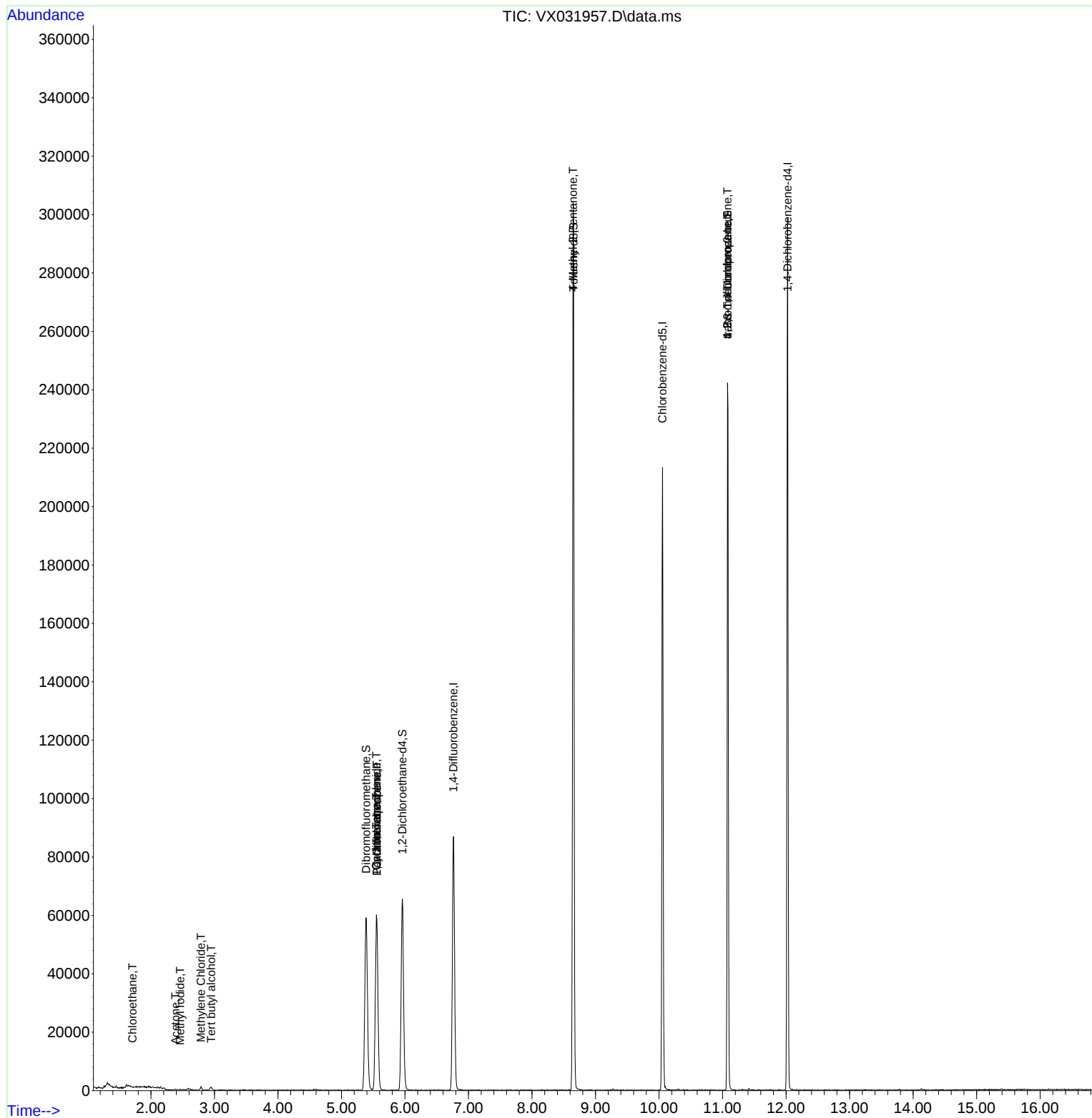
Internal Standards						
1) Pentafluorobenzene	5.556	168	56770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	92128	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	97452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60840	51.893	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.780%			
35) Dibromofluoromethane	5.385	113	51060	48.963	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.920%			
50) Toluene-d8	8.653	98	182835	48.724	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.440%			
62) 4-Bromofluorobenzene	11.079	95	63473	47.846	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.700%			
Target Compounds			Qvalue			
5) Bromomethane	1.624	94	263	Below Cal #		72
6) Chloroethane	1.709	64	242	0.275 ug/l #		43
10) Methyl Iodide	2.459	142	192	2.945 ug/l #		38
11) Tert butyl alcohol	2.947	59	681	4.669 ug/l #		73
16) Acetone	2.386	43	373	0.936 ug/l #		45
20) Methylene Chloride	2.788	84	536	0.512 ug/l		92
31) Cyclohexane	5.550	56	1305	0.932 ug/l #		54
36) 1,1-Dichloropropene	5.556	75	4279	3.094 ug/l #		50
38) Carbon Tetrachloride	5.550	117	5685	4.021 ug/l #		18
51) 4-Methyl-2-Pentanone	8.647	43	732	0.559 ug/l #		1
76) 1,2,3-Trichloropropane	11.079	75	32726	26.821 ug/l #		37
81) trans-1,4-Dichloro-2-b...	11.079	75	32726	91.929 ug/l #		11

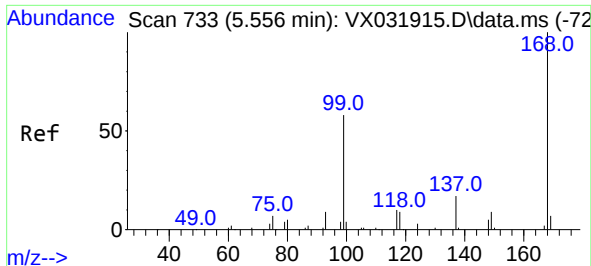
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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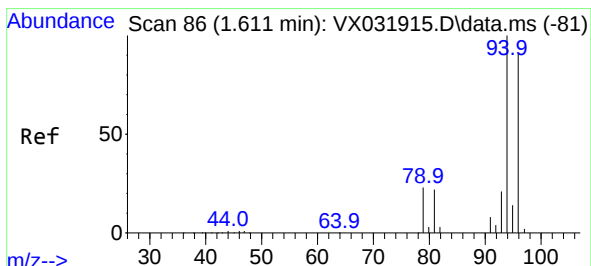
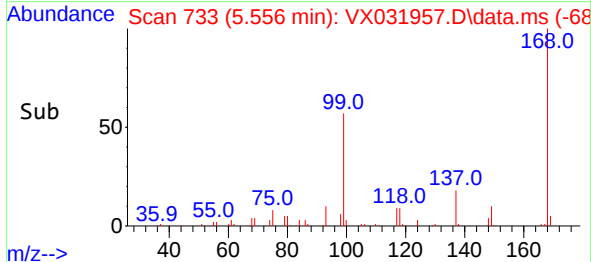
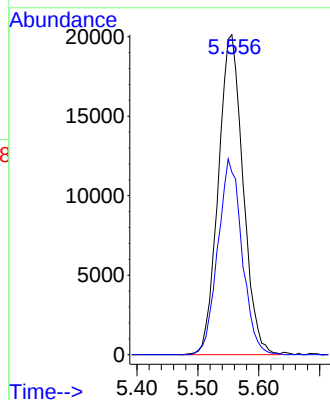
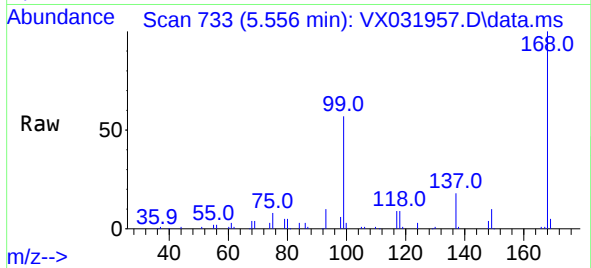




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031957.D
Acq: 07 Oct 2022 13:15

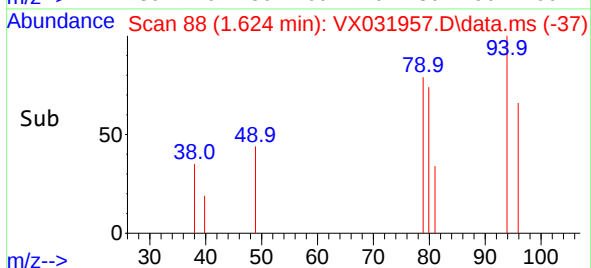
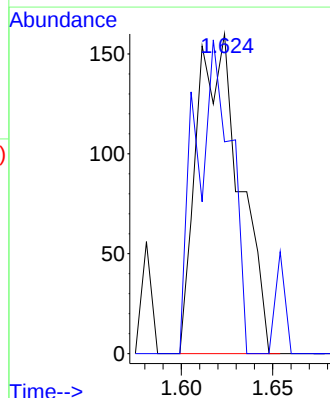
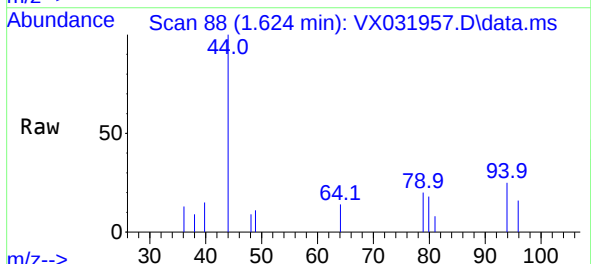
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:168 Resp: 56770
Ion Ratio Lower Upper
168 100
99 57.0 48.8 73.2

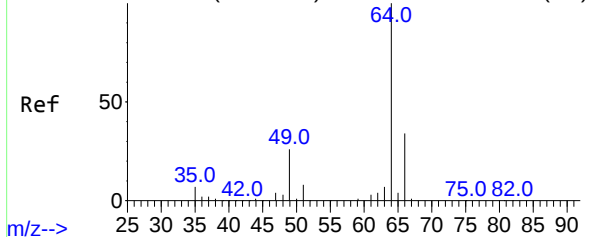


#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.013 min
Lab File: VX031957.D
Acq: 07 Oct 2022 13:15

Tgt Ion: 94 Resp: 263
Ion Ratio Lower Upper
94 100
96 66.3 74.4 111.6#



Abundance Scan 98 (1.684 min): VX031915.D\data.ms (-90)

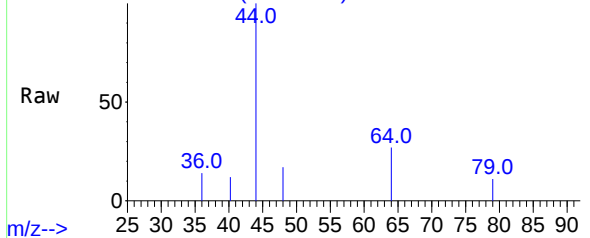


#6
Chloroethane
Concen: 0.275 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.025 min
Lab File: VX031957.D
Acq: 07 Oct 2022 13:15

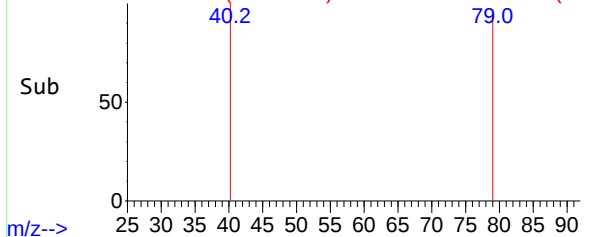
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 64 Resp: 242
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

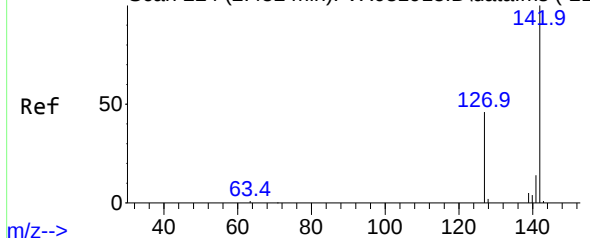
Abundance Scan 102 (1.709 min): VX031957.D\data.ms



Abundance Scan 102 (1.709 min): VX031957.D\data.ms (-49)



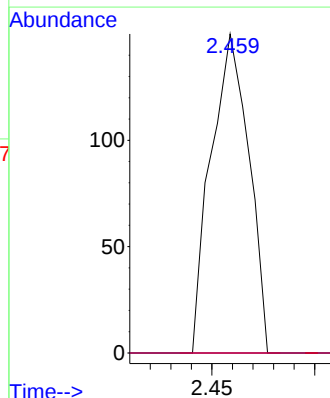
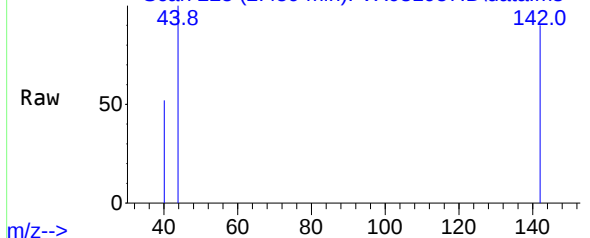
Abundance Scan 224 (2.452 min): VX031915.D\data.ms (-21)



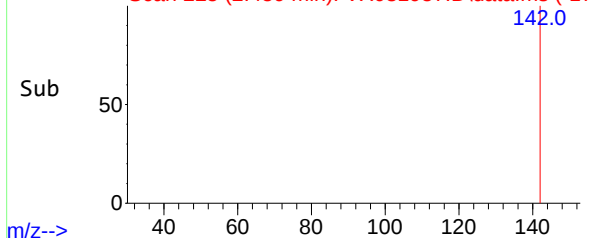
#10
Methyl Iodide
Concen: 2.945 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.007 min
Lab File: VX031957.D
Acq: 07 Oct 2022 13:15

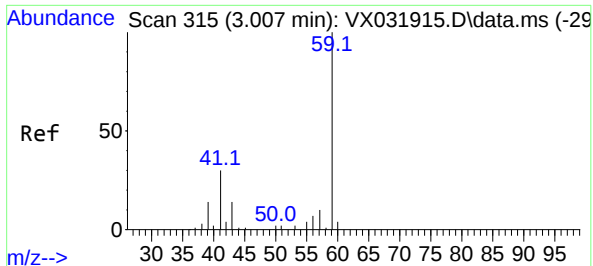
Tgt Ion: 142 Resp: 192
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#

Abundance Scan 225 (2.459 min): VX031957.D\data.ms



Abundance Scan 225 (2.459 min): VX031957.D\data.ms (-17)





#11

Tert butyl alcohol

Concen: 4.669 ug/l

RT: 2.947 min Scan# 30

Delta R.T. -0.060 min

Lab File: VX031957.D

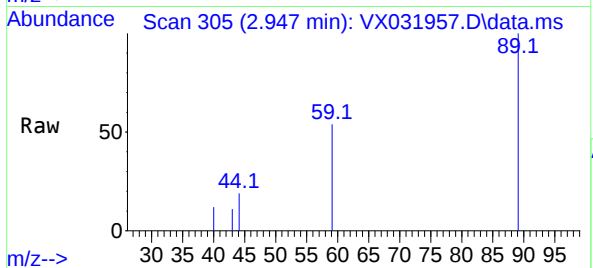
Acq: 07 Oct 2022 13:15

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

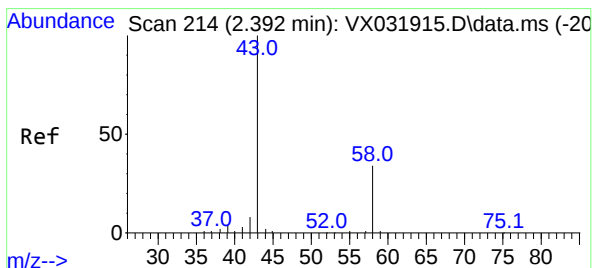
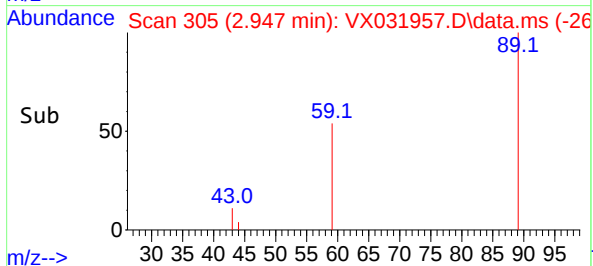
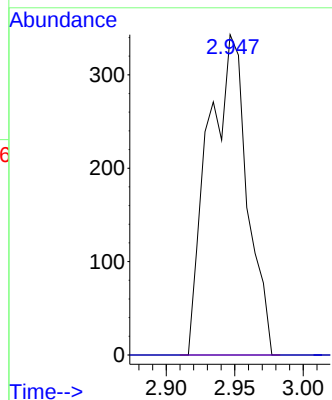


Tgt Ion: 59 Resp: 681

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: 0.936 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX031957.D

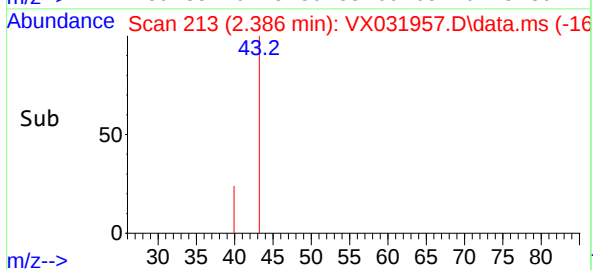
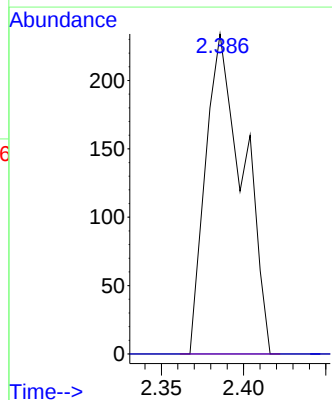
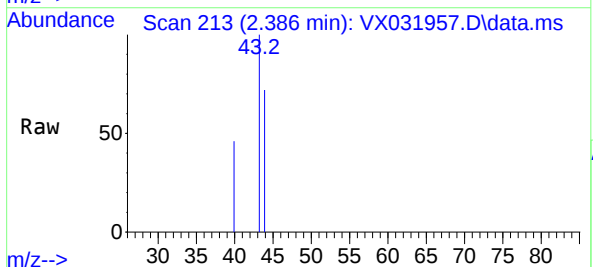
Acq: 07 Oct 2022 13:15

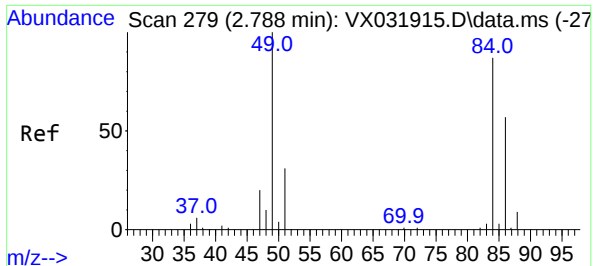
Tgt Ion: 43 Resp: 373

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#





#20

Methylene Chloride

Concen: 0.512 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX031957.D

Acq: 07 Oct 2022 13:15

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 84 Resp: 536

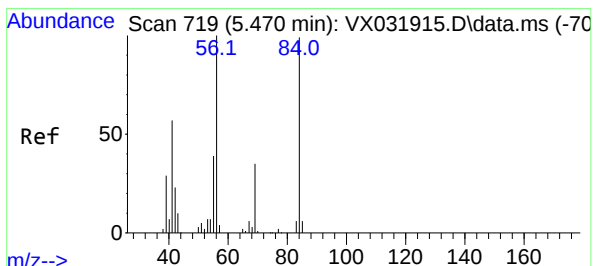
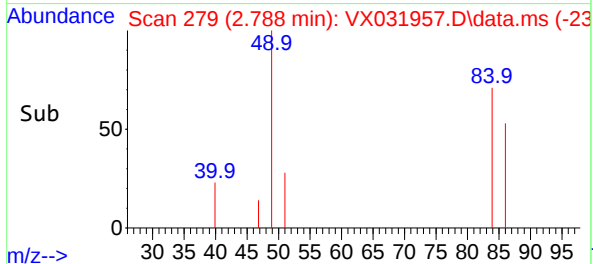
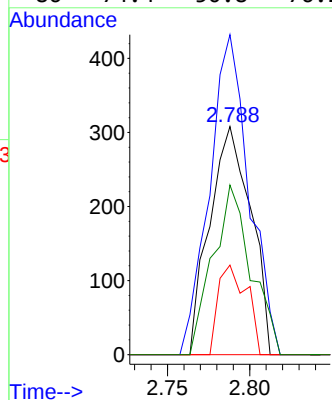
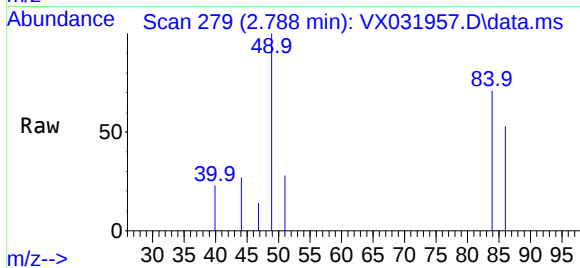
Ion Ratio Lower Upper

84 100

49 140.3 105.9 158.9

51 39.3 32.2 48.2

86 74.4 50.8 76.2



#31

Cyclohexane

Concen: 0.932 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX031957.D

Acq: 07 Oct 2022 13:15

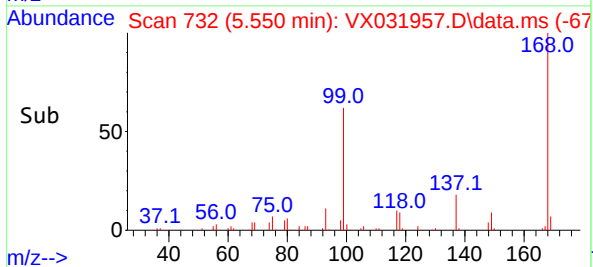
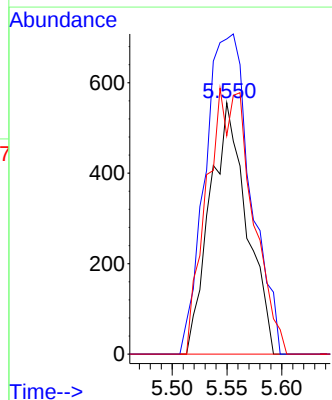
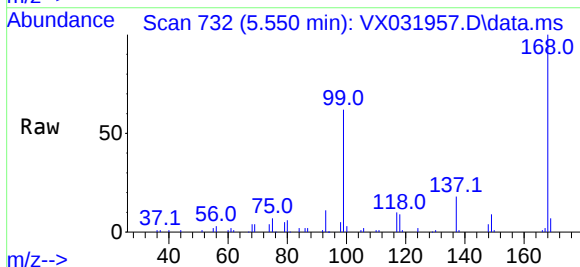
Tgt Ion: 56 Resp: 1305

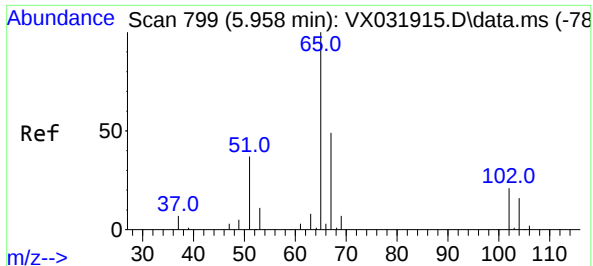
Ion Ratio Lower Upper

56 100

69 125.4 25.1 37.7#

84 86.9 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 51.893 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031957.D

Acq: 07 Oct 2022 13:15

Instrument :

MSVOA_X

ClientSampleId :

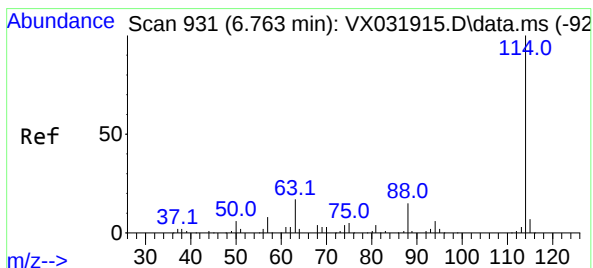
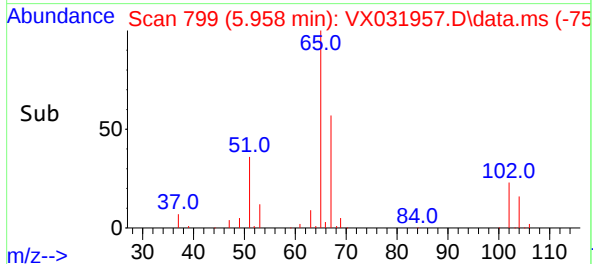
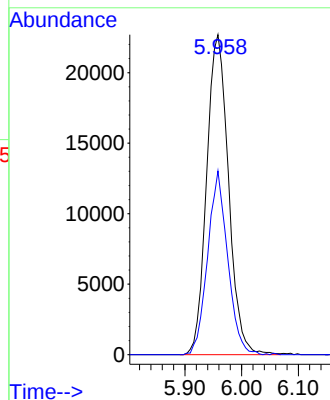
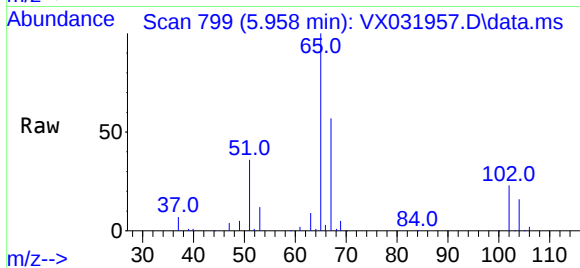
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 60840

Ion Ratio Lower Upper

65 100

67 52.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031957.D

Acq: 07 Oct 2022 13:15

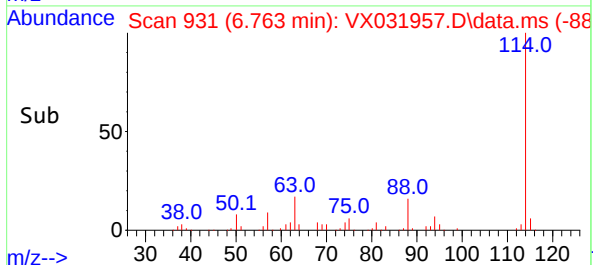
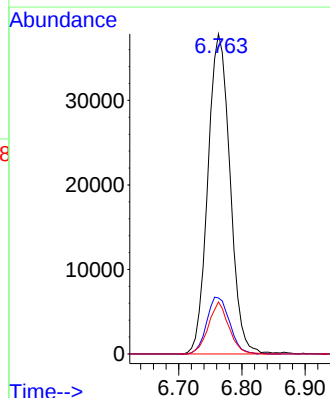
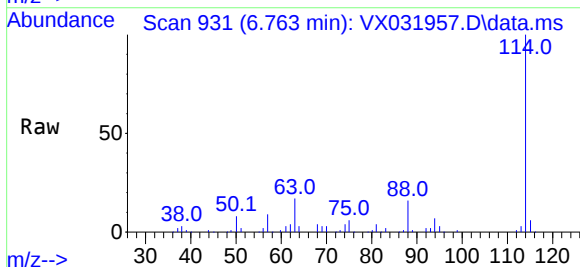
Tgt Ion: 114 Resp: 92128

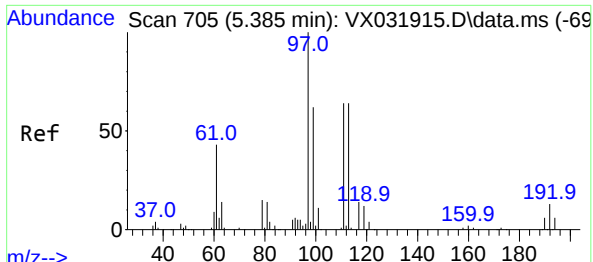
Ion Ratio Lower Upper

114 100

63 17.5 0.0 42.6

88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.963 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX031957.D

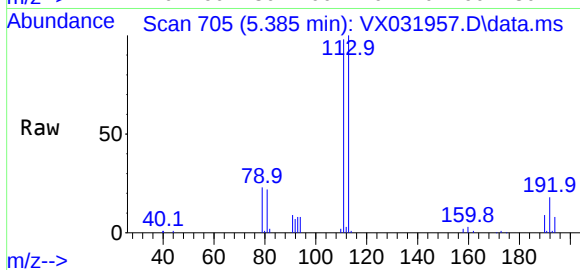
Acq: 07 Oct 2022 13:15

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



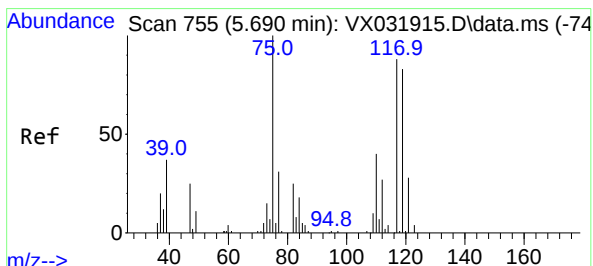
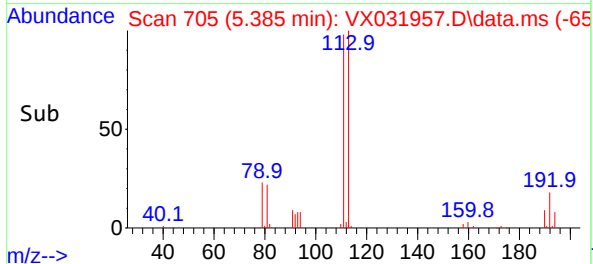
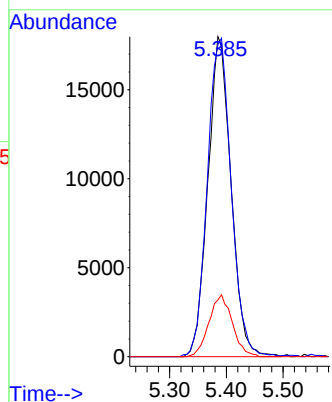
Tgt Ion:113 Resp: 51060

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

192 19.4 14.1 21.1



#36

1,1-Dichloropropene

Concen: 3.094 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX031957.D

Acq: 07 Oct 2022 13:15

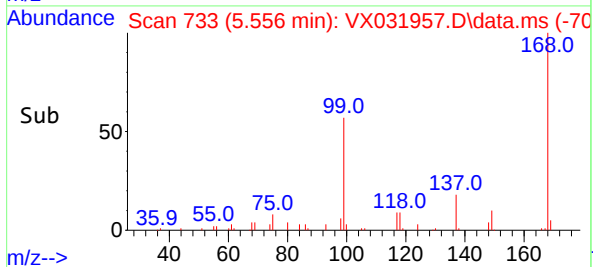
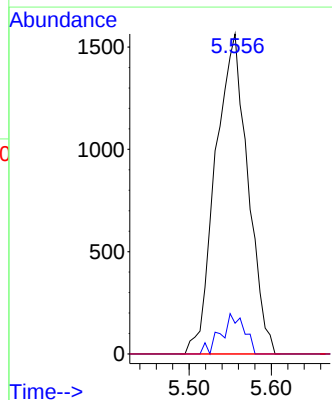
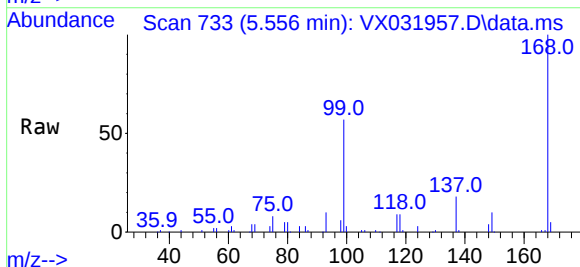
Tgt Ion: 75 Resp: 4279

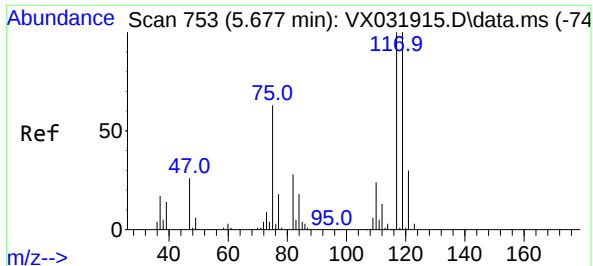
Ion Ratio Lower Upper

75 100

110 9.0 17.5 52.5#

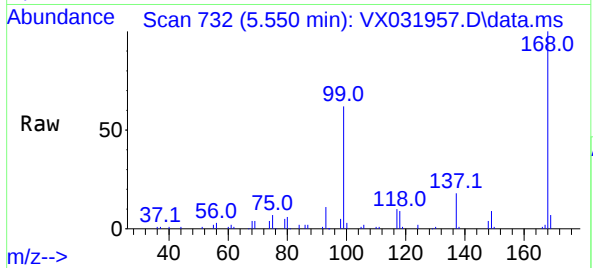
77 0.0 24.9 37.3#



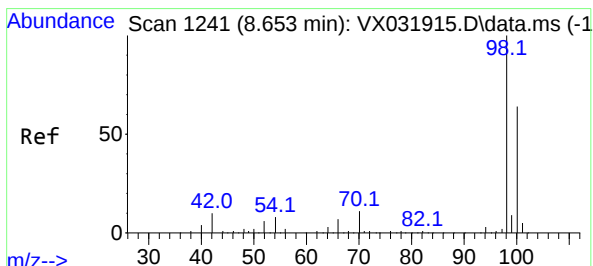
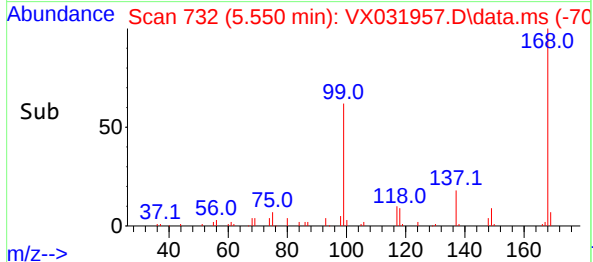
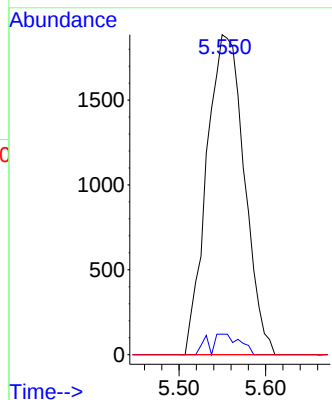


#38
Carbon Tetrachloride
Concen: 4.021 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX031957.D
Acq: 07 Oct 2022 13:15

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

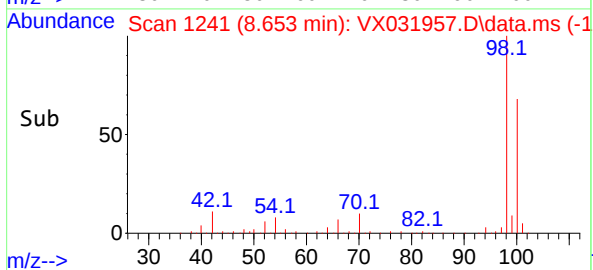
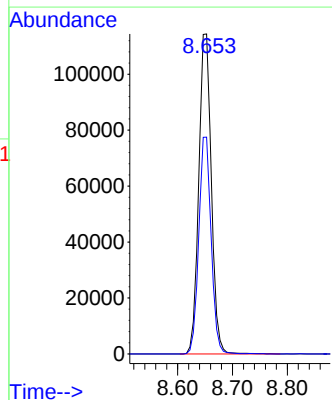
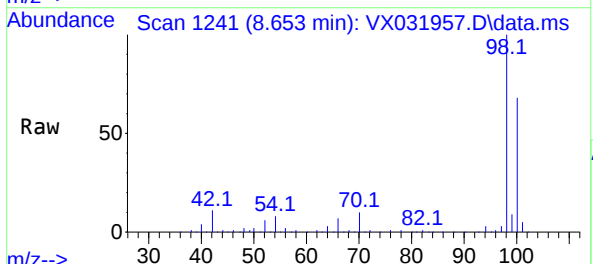


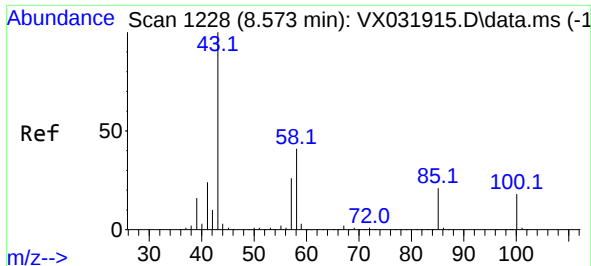
Tgt Ion:117 Resp: 5685
Ion Ratio Lower Upper
117 100
119 6.4 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 48.724 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031957.D
Acq: 07 Oct 2022 13:15

Tgt Ion: 98 Resp: 182835
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.559 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX031957.D

Acq: 07 Oct 2022 13:15

Instrument :

MSVOA_X

ClientSampleId :

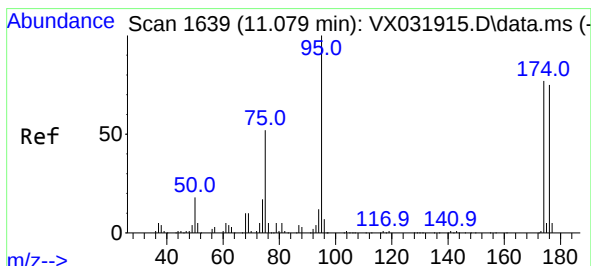
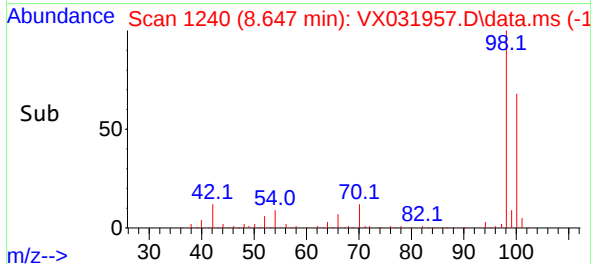
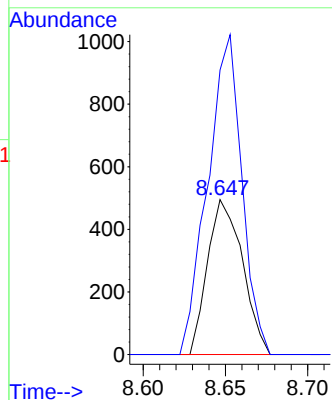
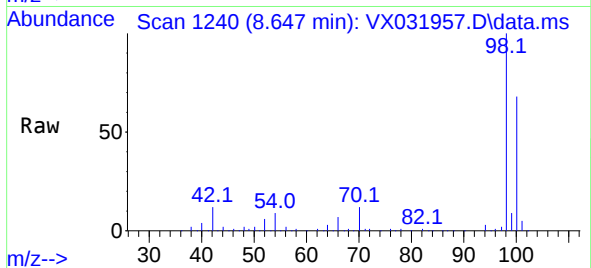
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 43 Resp: 732

Ion Ratio Lower Upper

43 100

58 201.5 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 47.846 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031957.D

Acq: 07 Oct 2022 13:15

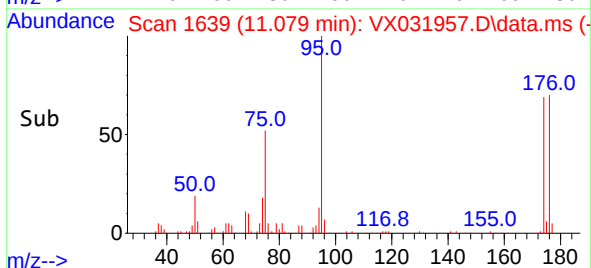
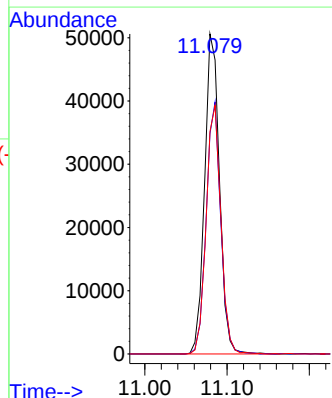
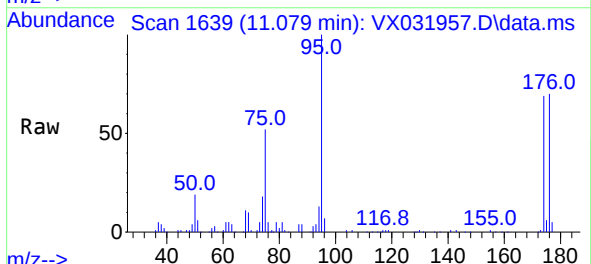
Tgt Ion: 95 Resp: 63473

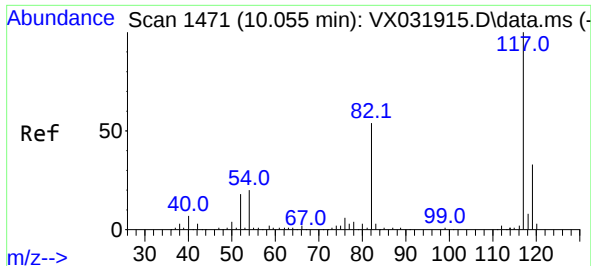
Ion Ratio Lower Upper

95 100

174 76.8 0.0 153.2

176 77.0 0.0 144.0

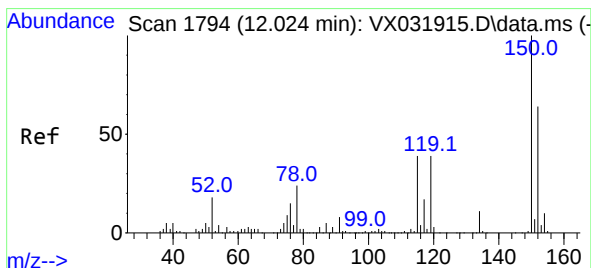
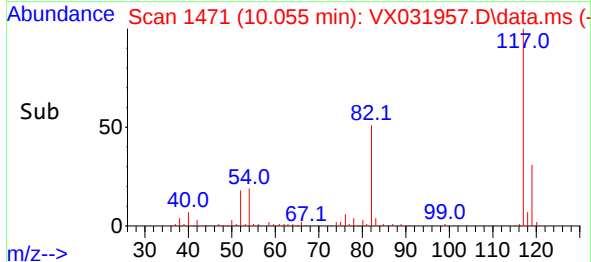
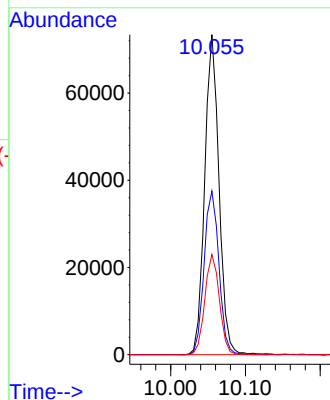
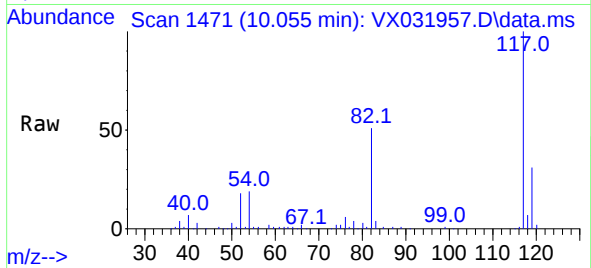




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031957.D
Acq: 07 Oct 2022 13:15

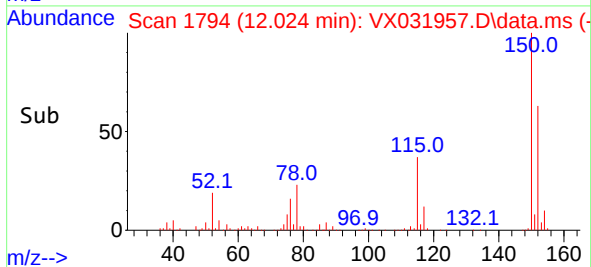
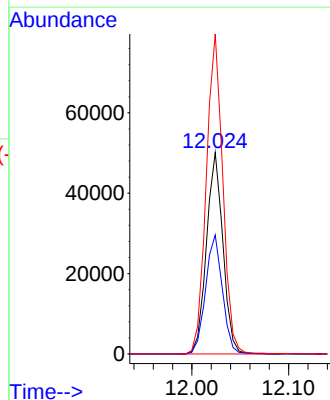
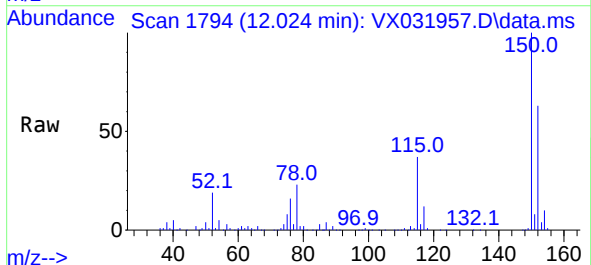
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

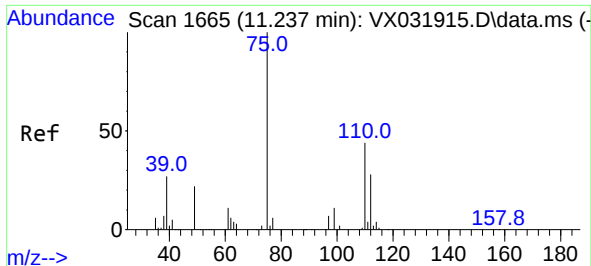
Tgt Ion:	117	Resp:	97452
Ion	Ratio	Lower	Upper
117	100		
82	51.2	46.8	70.2
119	31.3	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031957.D
Acq: 07 Oct 2022 13:15

Tgt Ion:	152	Resp:	59534
Ion	Ratio	Lower	Upper
152	100		
115	60.3	43.4	130.1
150	159.1	0.0	346.8

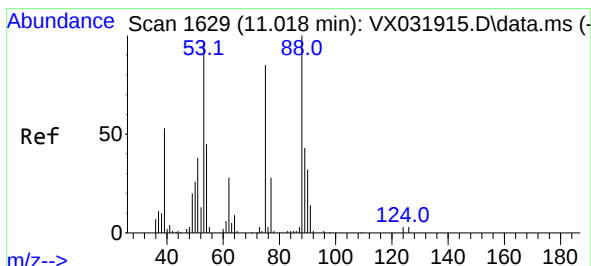
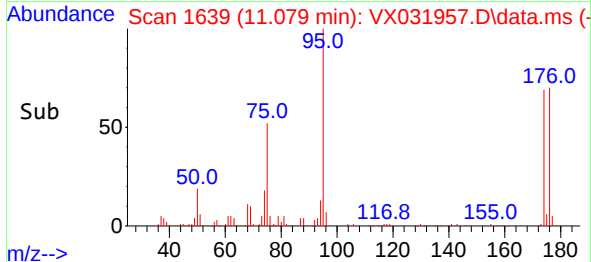
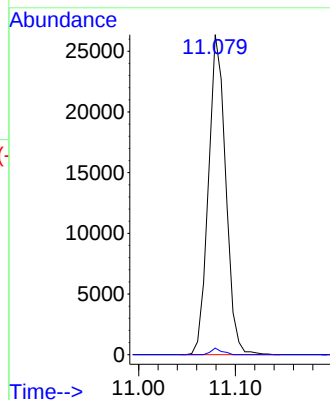
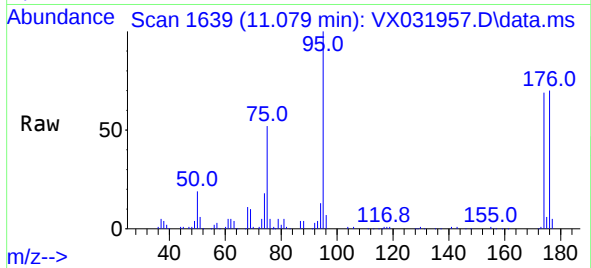




#76
1,2,3-Trichloropropane
Concen: 26.821 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031957.D
Acq: 07 Oct 2022 13:15

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

Tgt Ion: 75 Resp: 32726
Ion Ratio Lower Upper
75 100
77 1.3 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.929 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031957.D
Acq: 07 Oct 2022 13:15

Tgt Ion: 75 Resp: 32726
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

