

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051923\
 Data File : VX035757.D
 Acq On : 19 May 2023 13:59
 Operator : JC/MD
 Sample : 02852-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 22 05:16:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

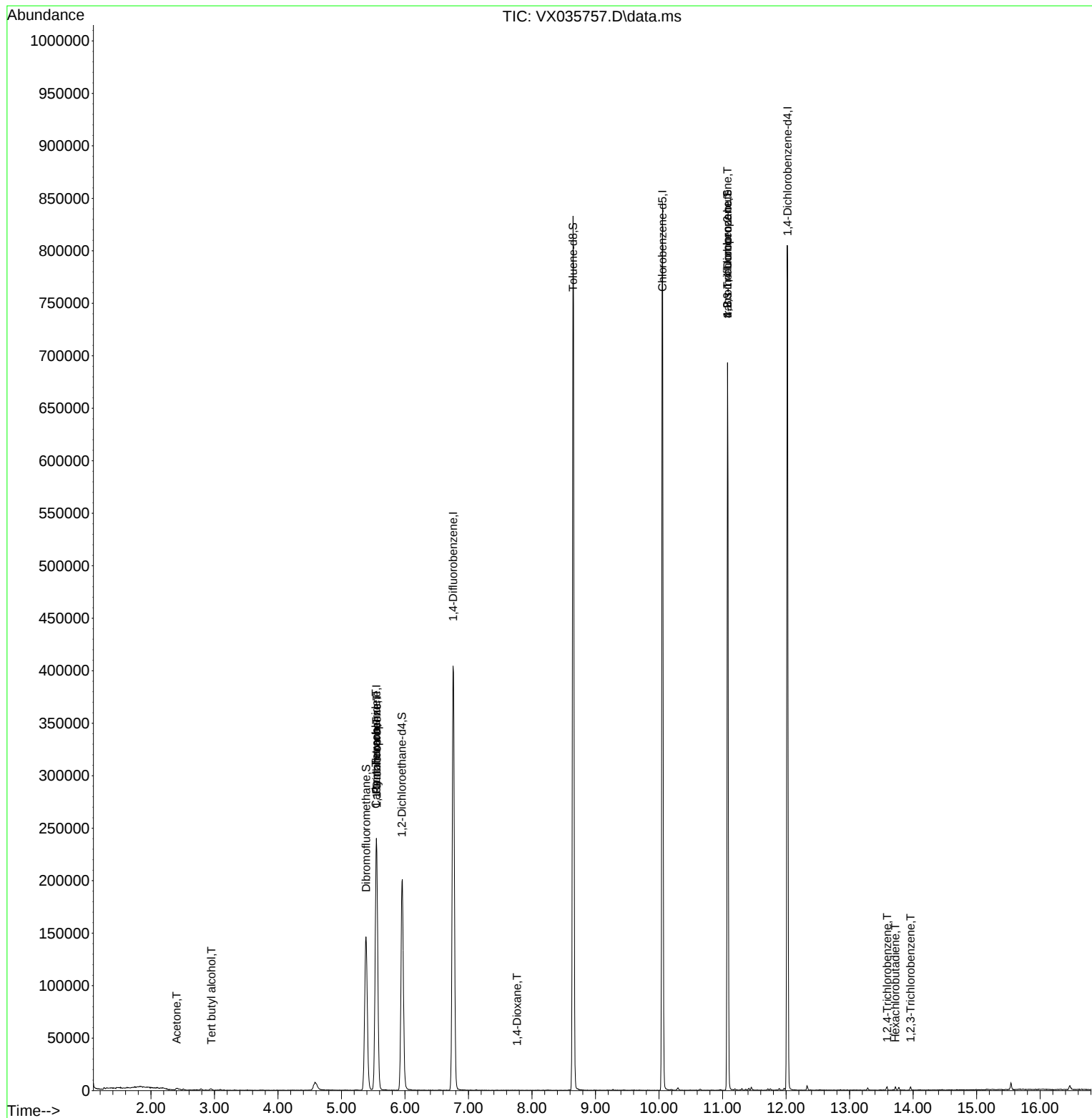
Internal Standards						
1) Pentafluorobenzene	5.550	168	199013	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	388091	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	344427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	201794	58.123	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	116.240%
35) Dibromofluoromethane	5.385	113	127269	48.627	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.260%
50) Toluene-d8	8.647	98	465343	48.128	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.260%
62) 4-Bromofluorobenzene	11.079	95	179370	46.074	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.140%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	1040	1.698	ug/l	# 73
16) Acetone	2.404	43	2920	1.957	ug/l	90
31) Cyclohexane	5.550	56	5524	1.259	ug/l	# 34
36) 1,1-Dichloropropene	5.556	75	19819	4.797	ug/l	# 51
38) Carbon Tetrachloride	5.544	117	23300	5.954	ug/l	# 17
49) 1,4-Dioxane	7.763	88	22	2.268	ug/l	# 23
76) 1,2,3-Trichloropropane	11.079	75	100748	26.925	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	100748	86.774	ug/l	# 8
93) 1,2,4-Trichlorobenzene	13.591	180	941	0.287	ug/l	84
94) Hexachlorobutadiene	13.719	225	421	0.324	ug/l	82
96) 1,2,3-Trichlorobenzene	13.963	180	802	0.249	ug/l	93

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

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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :

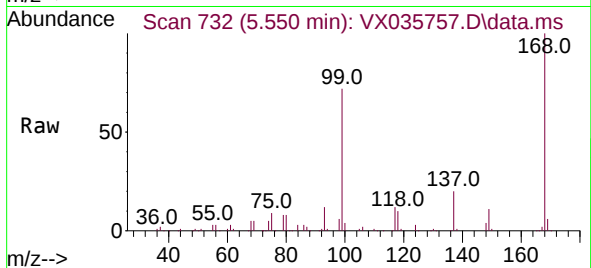
Quant Time: May 22 05:16:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration



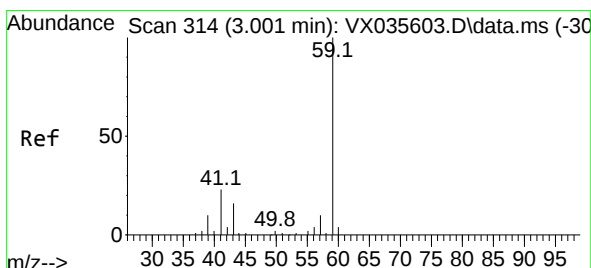
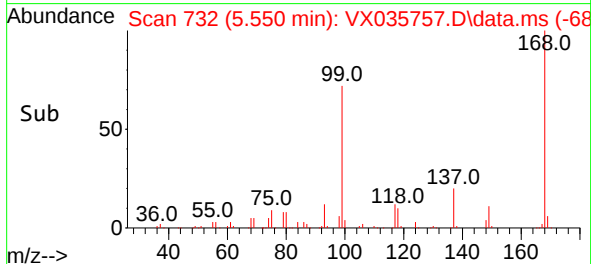
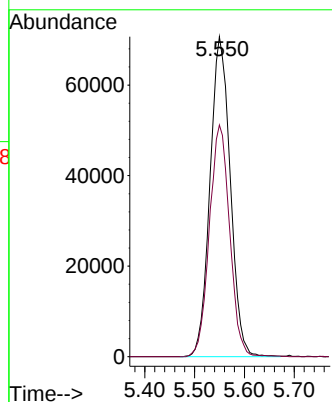


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035757.D
Acq: 19 May 2023 13:59

Instrument :
MSVOA_X
ClientSampleId :

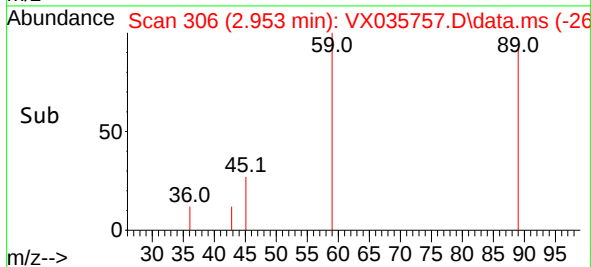
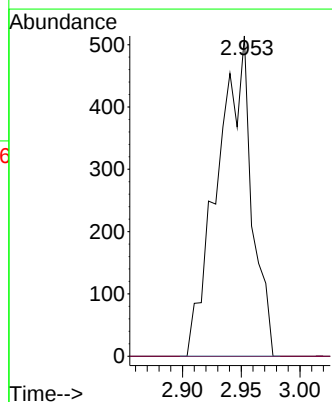
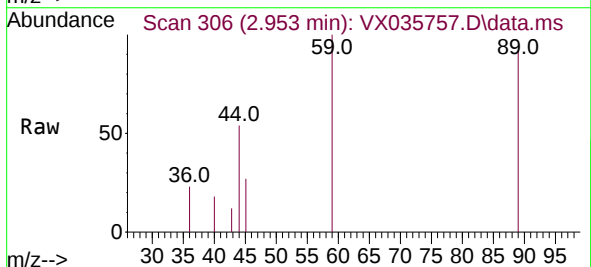


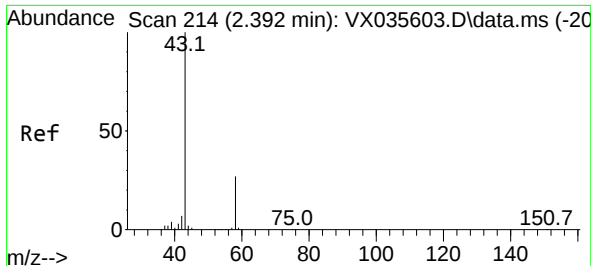
Tgt Ion:168 Resp: 199013
Ion Ratio Lower Upper
168 100
99 72.4 45.7 68.5#



#11
Tert butyl alcohol
Concen: 1.698 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.048 min
Lab File: VX035757.D
Acq: 19 May 2023 13:59

Tgt Ion: 59 Resp: 1040
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: 1.957 ug/l

RT: 2.404 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX035757.D

Acq: 19 May 2023 13:59

Instrument :

MSVOA_X

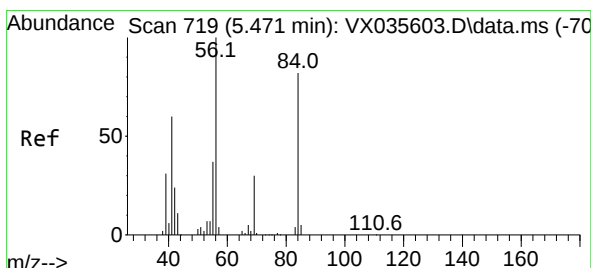
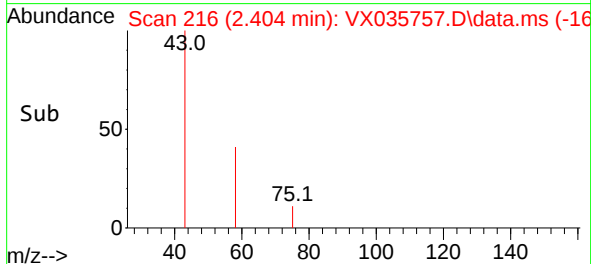
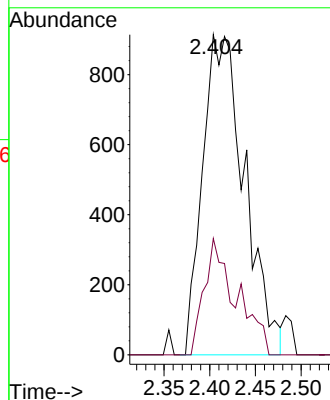
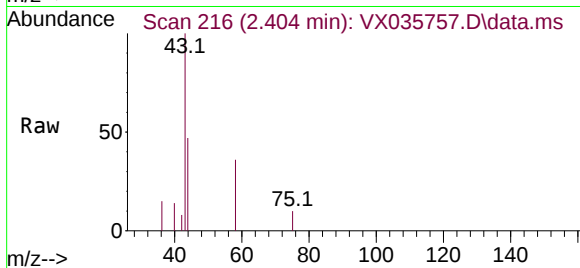
ClientSampleId :

Tgt Ion: 43 Resp: 2920

Ion Ratio Lower Upper

43 100

58 36.3 24.7 37.1



#31

Cyclohexane

Concen: 1.259 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX035757.D

Acq: 19 May 2023 13:59

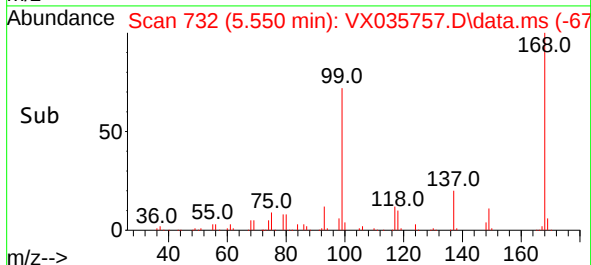
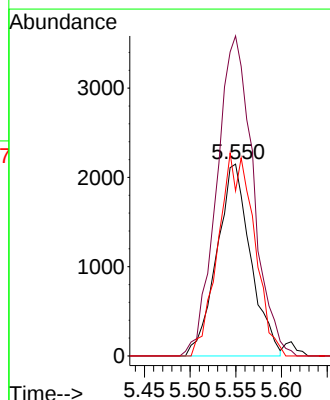
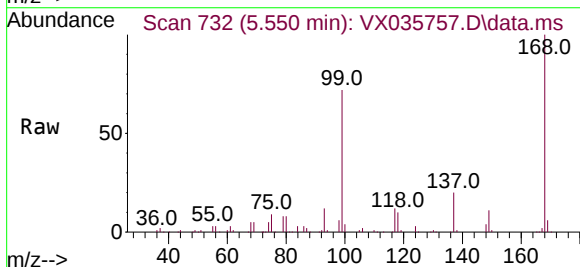
Tgt Ion: 56 Resp: 5524

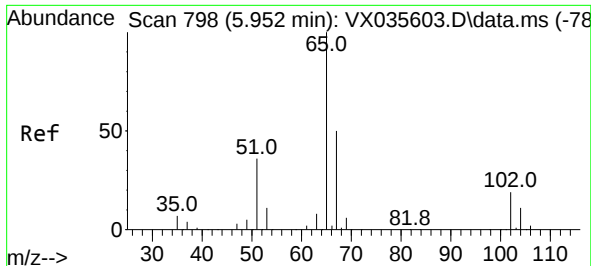
Ion Ratio Lower Upper

56 100

69 166.8 23.7 35.5#

84 86.1 68.5 102.7





#33

1,2-Dichloroethane-d4

Concen: 58.123 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035757.D

Acq: 19 May 2023 13:59

Instrument :

MSVOA_X

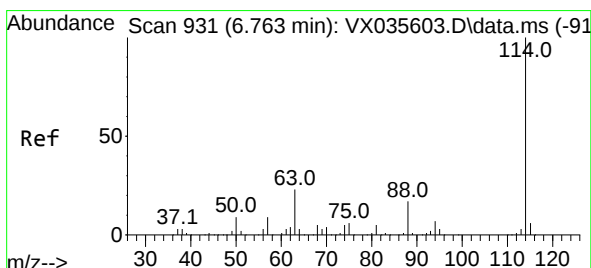
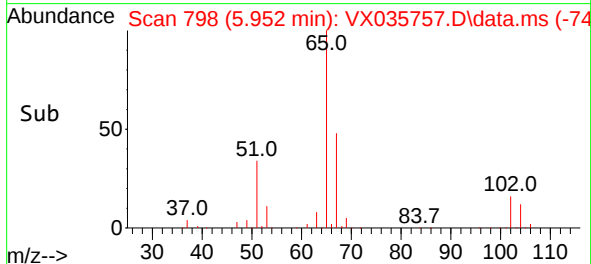
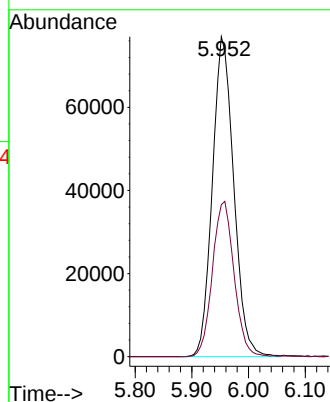
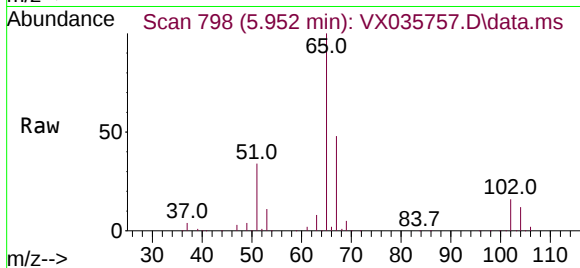
ClientSampleId :

Tgt Ion: 65 Resp: 201794

Ion Ratio Lower Upper

65 100

67 49.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035757.D

Acq: 19 May 2023 13:59

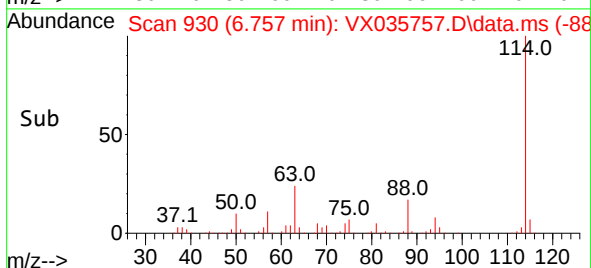
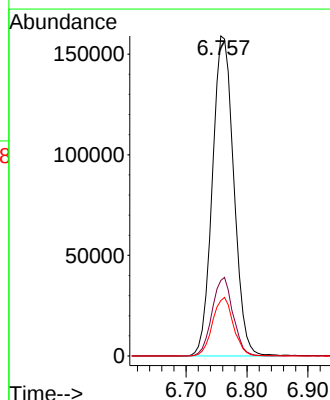
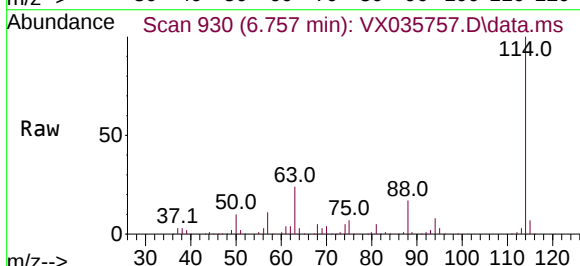
Tgt Ion: 114 Resp: 388091

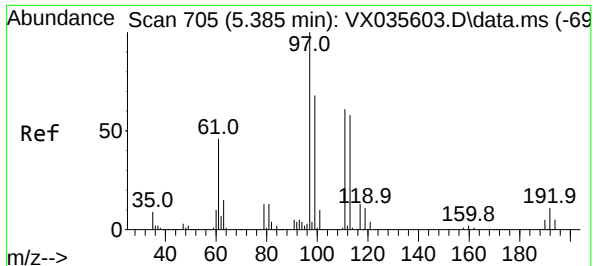
Ion Ratio Lower Upper

114 100

63 23.6 0.0 42.2

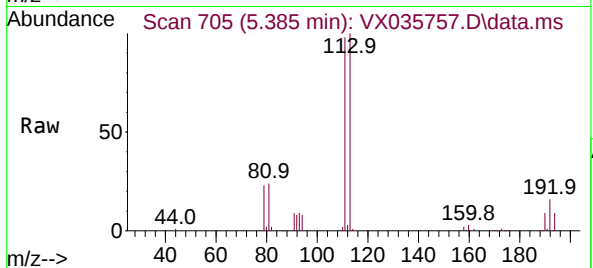
88 17.3 0.0 33.2



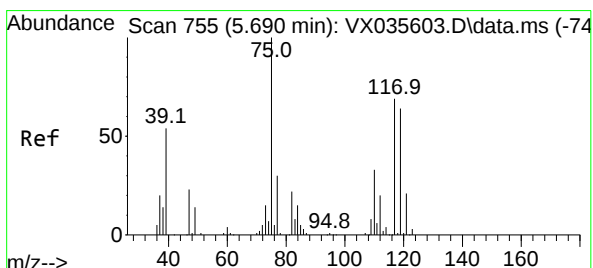
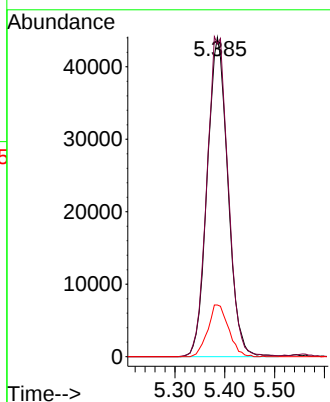
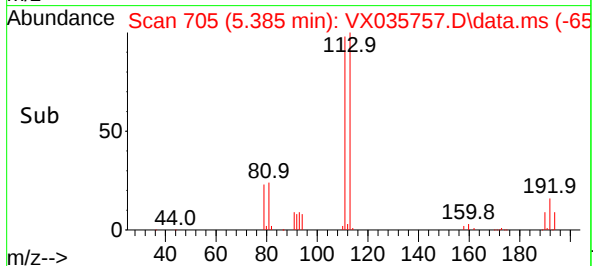


#35
Dibromofluoromethane
Concen: 48.627 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035757.D
Acq: 19 May 2023 13:59

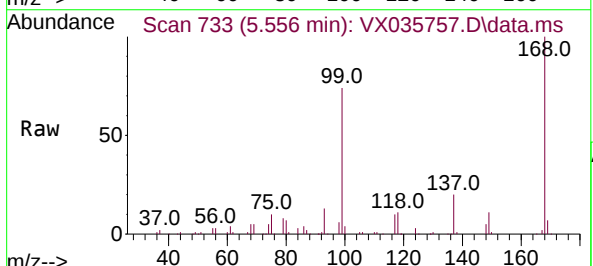
Instrument :
MSVOA_X
ClientSampleId :



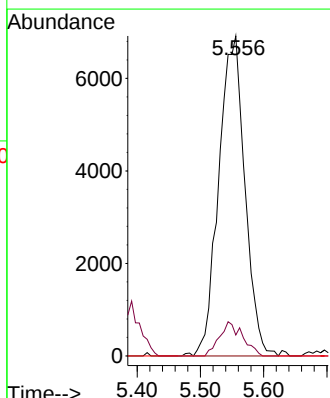
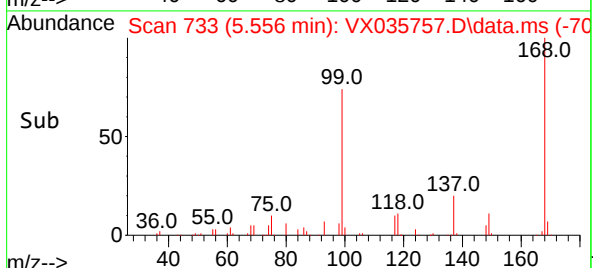
Tgt Ion:113 Resp: 127269
Ion Ratio Lower Upper
113 100
111 102.7 83.7 125.5
192 16.2 15.4 23.2

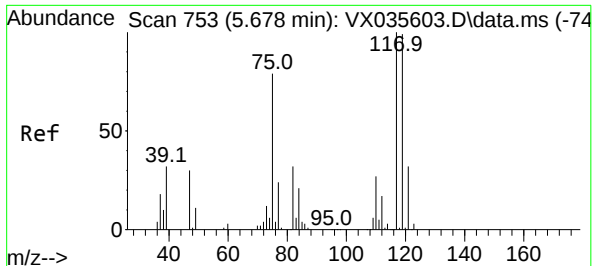


#36
1,1-Dichloropropene
Concen: 4.797 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX035757.D
Acq: 19 May 2023 13:59



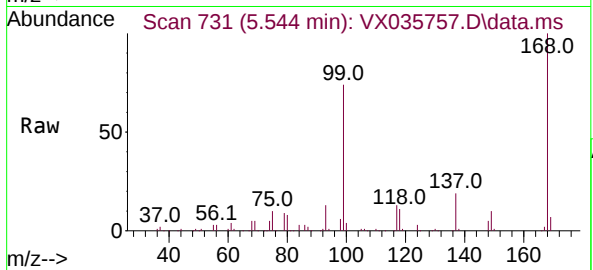
Tgt Ion: 75 Resp: 19819
Ion Ratio Lower Upper
75 100
110 9.5 17.5 52.5#
77 0.0 24.3 36.5#



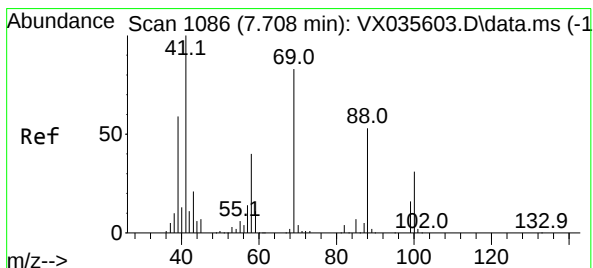
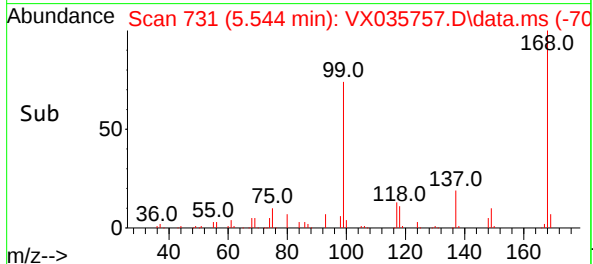
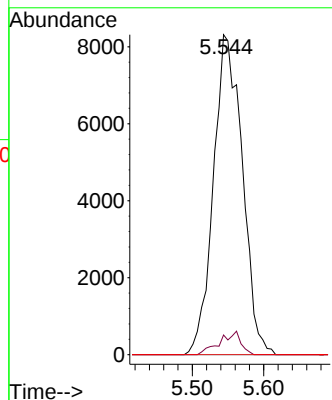


#38
Carbon Tetrachloride
Concen: 5.954 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX035757.D
Acq: 19 May 2023 13:59

Instrument :
MSVOA_X
ClientSampleId :

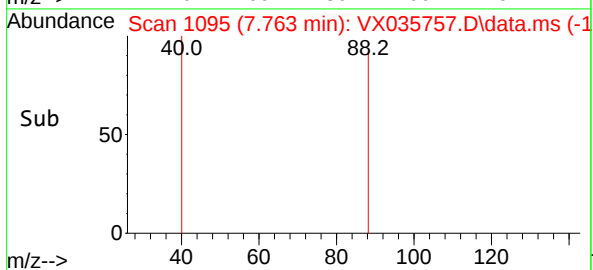
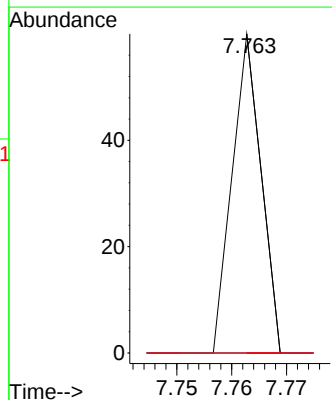
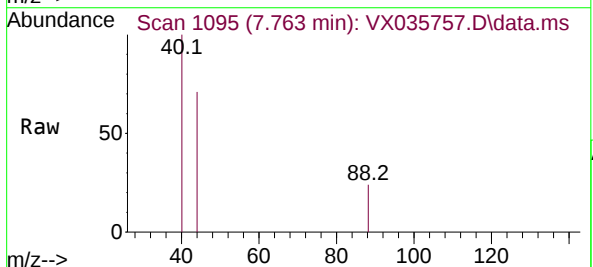


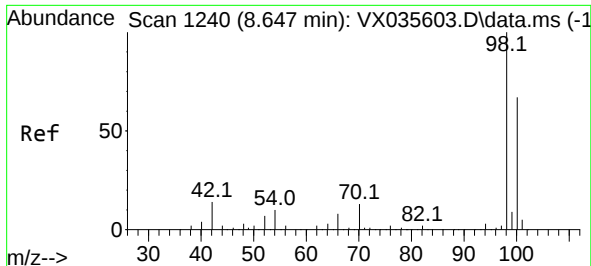
Tgt Ion:117 Resp: 23300
Ion Ratio Lower Upper
117 100
119 6.2 76.6 114.8#
121 0.0 23.8 35.6#



#49
1,4-Dioxane
Concen: 2.268 ug/l
RT: 7.763 min Scan# 1095
Delta R.T. 0.055 min
Lab File: VX035757.D
Acq: 19 May 2023 13:59

Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 0.0 56.8 85.2#

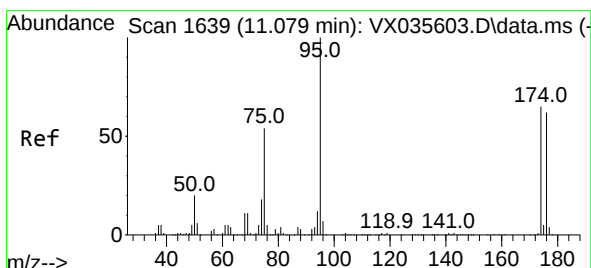
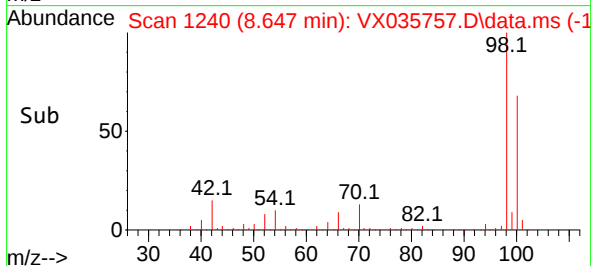
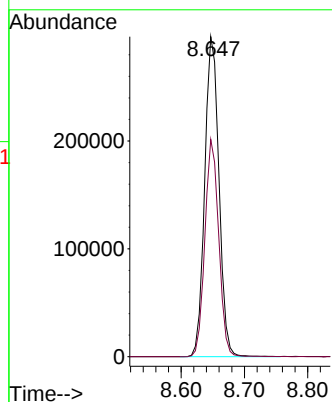
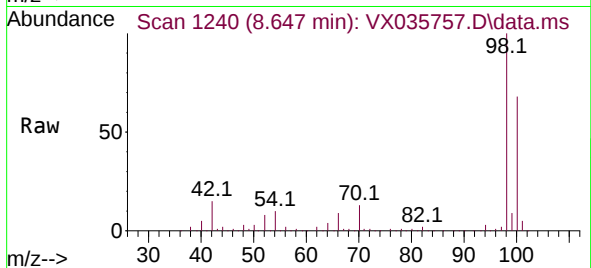




#50
Toluene-d8
Concen: 48.128 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035757.D
Acq: 19 May 2023 13:59

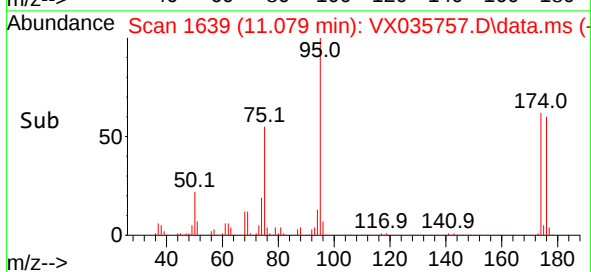
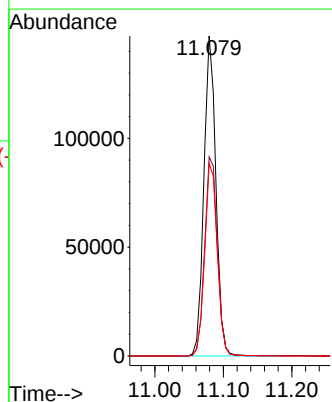
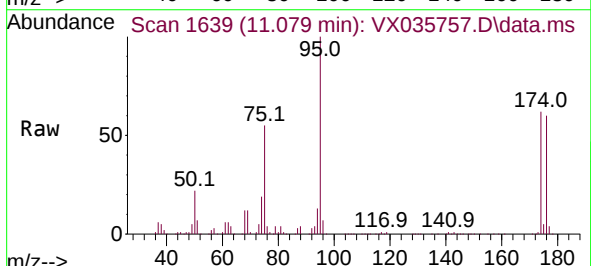
Instrument :
MSVOA_X
ClientSampleId :

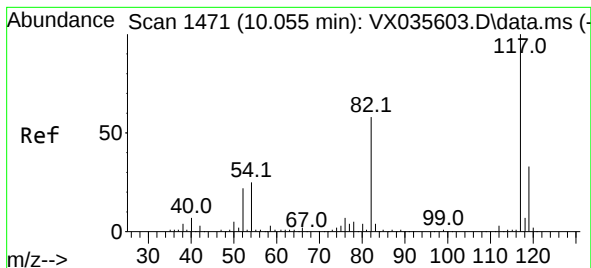
Tgt Ion: 98 Resp: 465343
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.074 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035757.D
Acq: 19 May 2023 13:59

Tgt Ion: 95 Resp: 179370
Ion Ratio Lower Upper
95 100
174 65.8 0.0 147.4
176 63.1 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035757.D

Acq: 19 May 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :

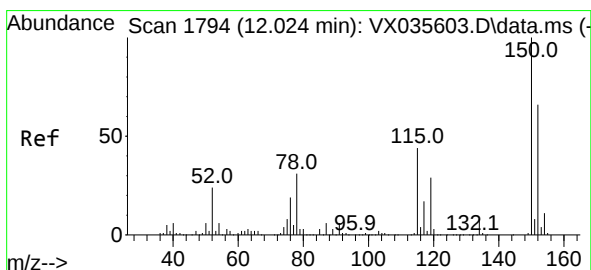
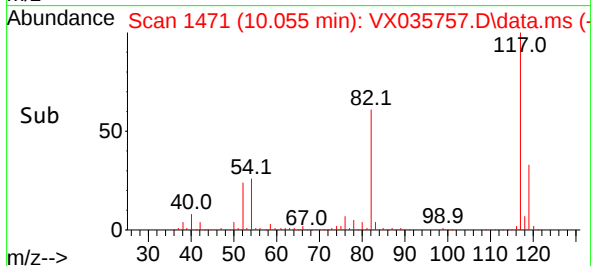
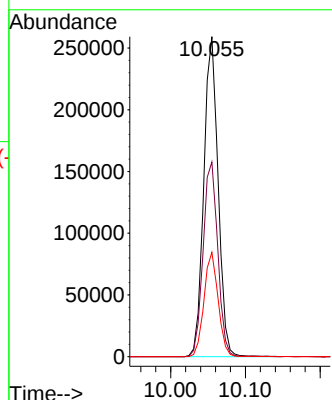
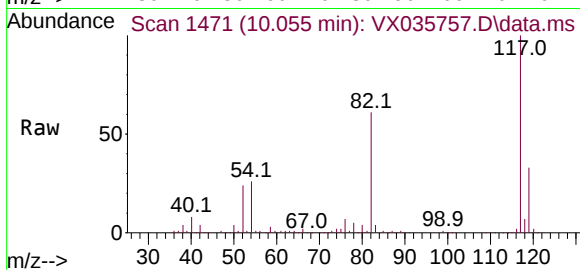
Tgt Ion:117 Resp: 344427

Ion Ratio Lower Upper

117 100

82 60.8 45.0 67.4

119 32.6 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035757.D

Acq: 19 May 2023 13:59

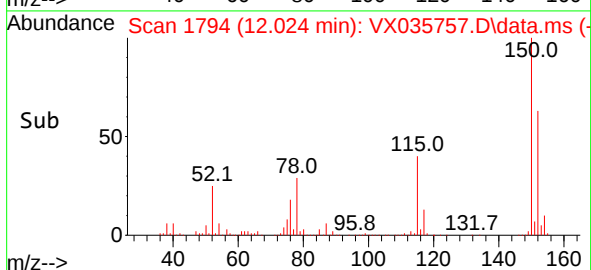
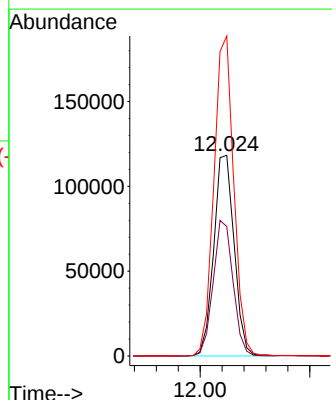
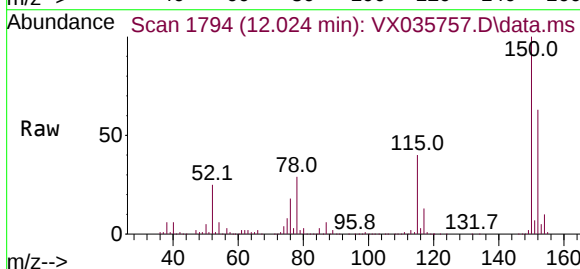
Tgt Ion:152 Resp: 152976

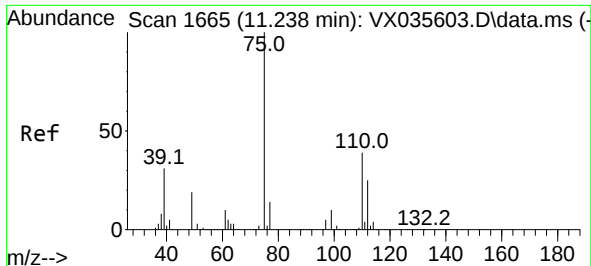
Ion Ratio Lower Upper

152 100

115 65.7 45.0 135.0

150 155.3 0.0 352.4

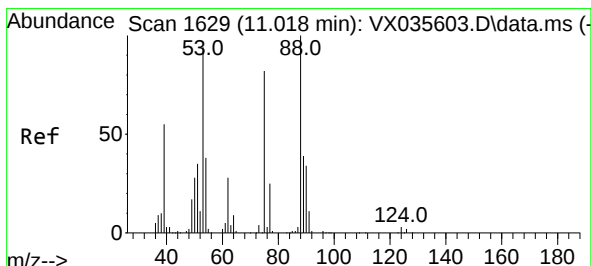
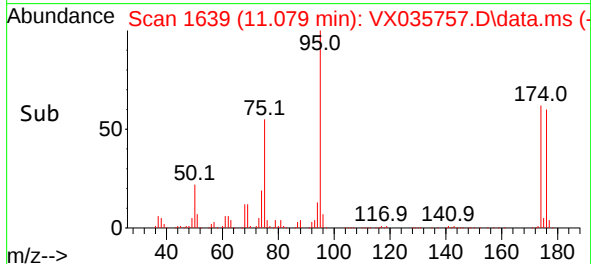
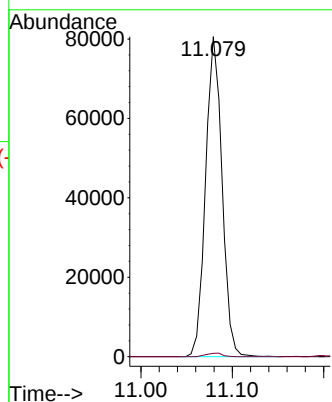
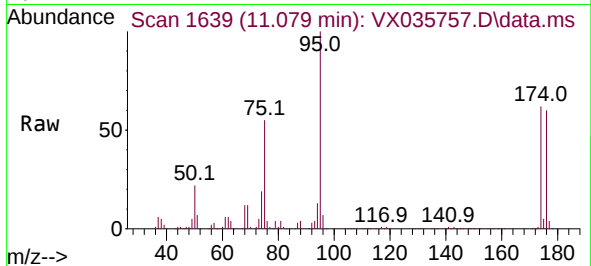




#76
1,2,3-Trichloropropane
Concen: 26.925 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035757.D
Acq: 19 May 2023 13:59

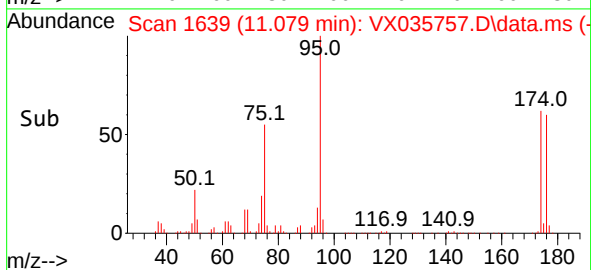
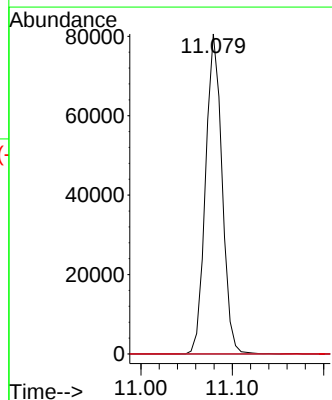
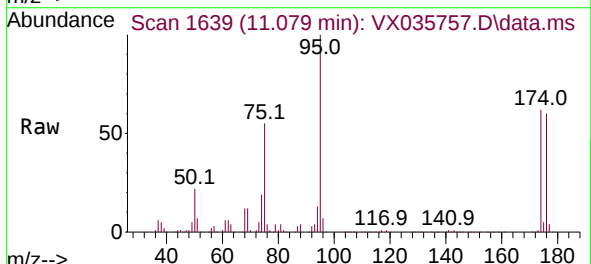
Instrument :
MSVOA_X
ClientSampleId :

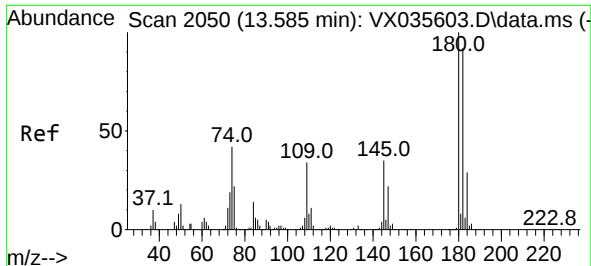
Tgt Ion: 75 Resp: 100748
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.774 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035757.D
Acq: 19 May 2023 13:59

Tgt Ion: 75 Resp: 100748
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

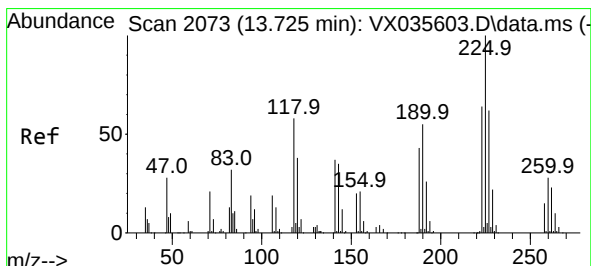
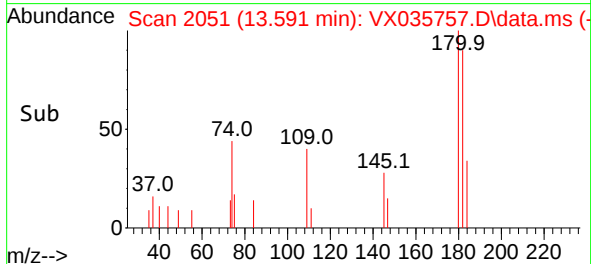
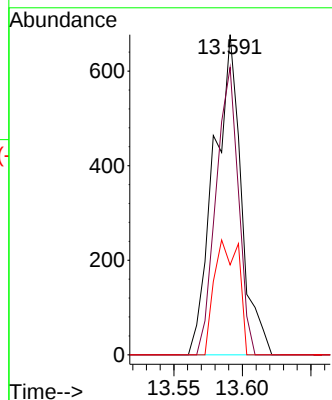
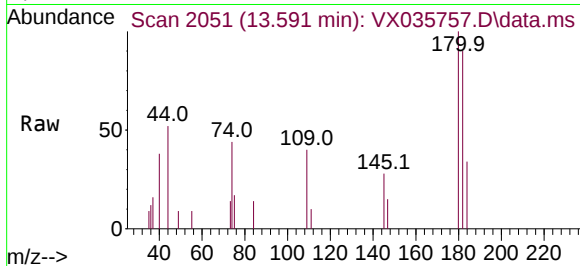




#93
1,2,4-Trichlorobenzene
Concen: 0.287 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX035757.D
Acq: 19 May 2023 13:59

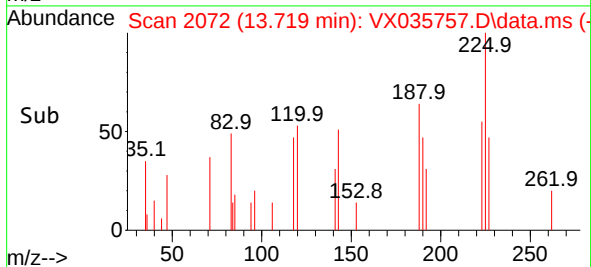
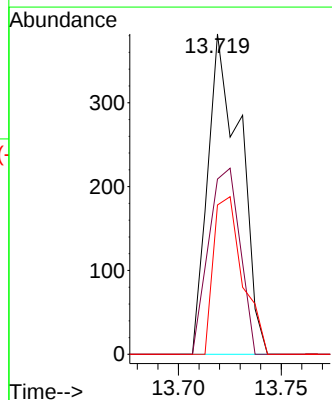
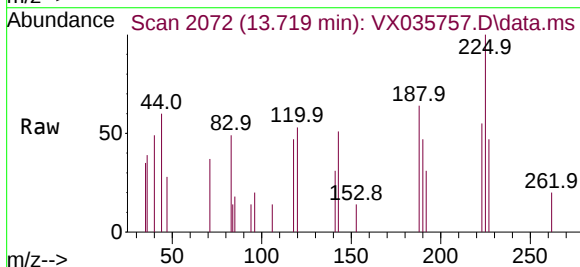
Instrument :
MSVOA_X
ClientSampleId :

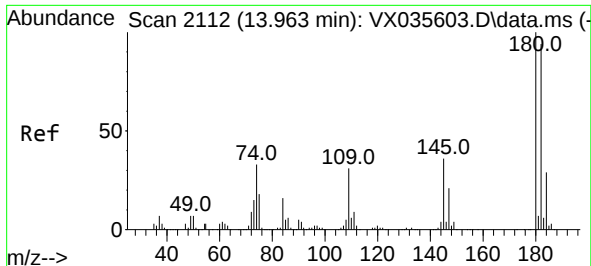
Tgt Ion:180 Resp: 941
Ion Ratio Lower Upper
180 100
182 72.9 47.0 141.0
145 32.0 15.9 47.7



#94
Hexachlorobutadiene
Concen: 0.324 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX035757.D
Acq: 19 May 2023 13:59

Tgt Ion:225 Resp: 421
Ion Ratio Lower Upper
225 100
223 55.8 32.1 96.5
227 43.9 31.8 95.4





#96

1,2,3-Trichlorobenzene

Concen: 0.249 ug/l

RT: 13.963 min Scan# 21

Delta R.T. -0.000 min

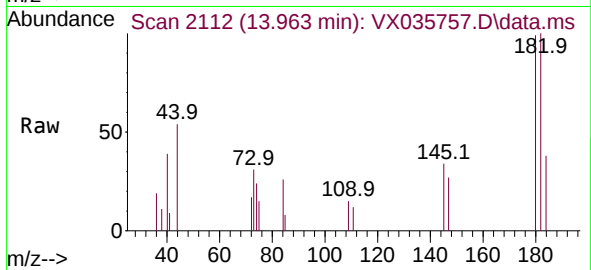
Lab File: VX035757.D

Acq: 19 May 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 802

Ion Ratio Lower Upper

180 100

182 99.8 48.0 144.2

145 27.1 17.7 53.1

