

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051923\
 Data File : VX035759.D
 Acq On : 19 May 2023 14:45
 Operator : JC/MD
 Sample : 02850-06 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 22 05:16:52 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)

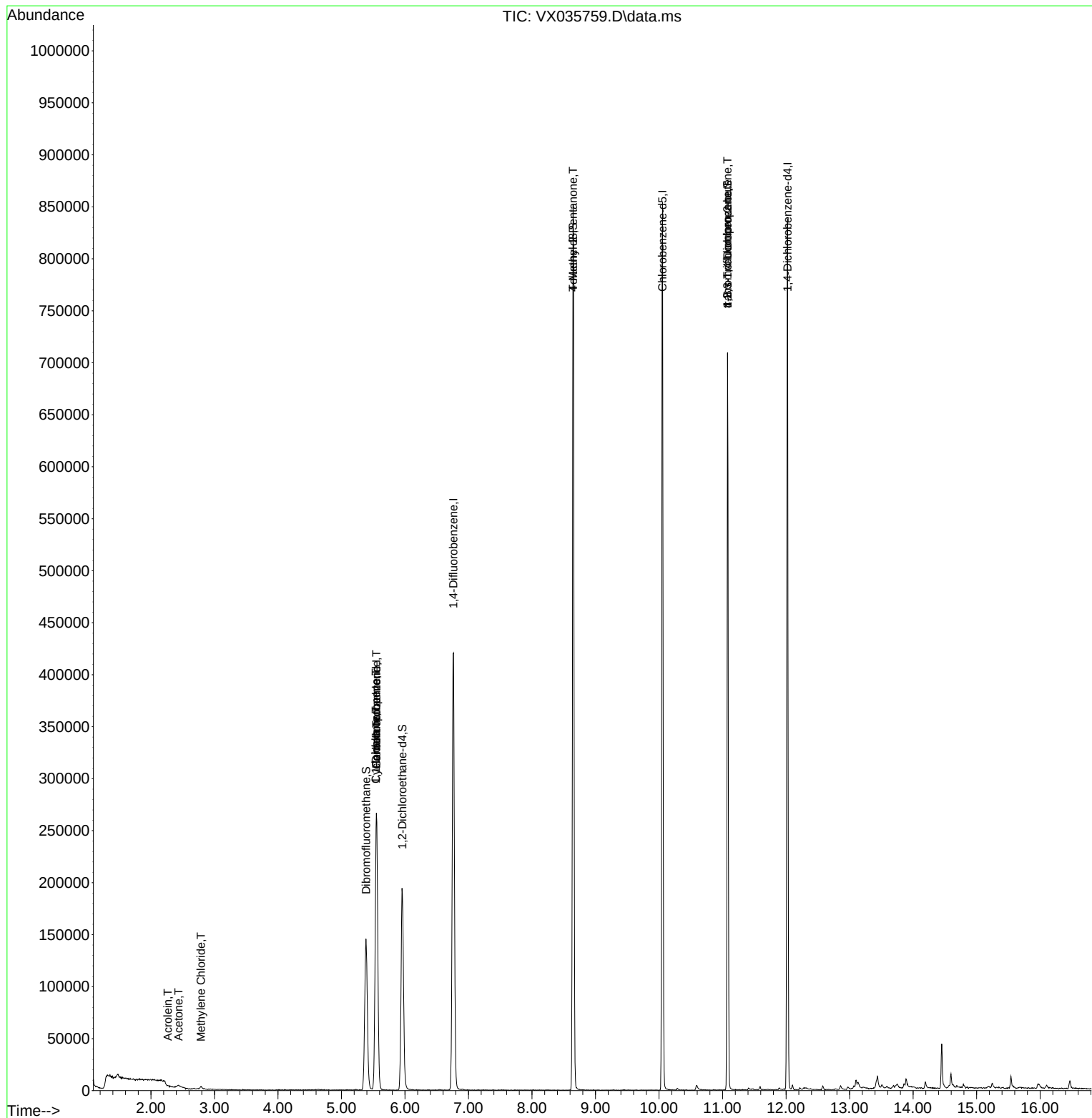
Internal Standards						
1) Pentafluorobenzene	5.550	168	225904	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	402735	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	353555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	198536	50.377	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.760%	
35) Dibromofluoromethane	5.385	113	126851	46.705	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.400%	
50) Toluene-d8	8.647	98	481569	47.995	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.000%	
62) 4-Bromofluorobenzene	11.079	95	186345	46.125	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.260%	
Target Compounds						
					Qvalue	
13) Acrolein	2.264	56	256	0.310	ug/l	# 14
16) Acetone	2.434	43	3885	2.294	ug/l	93
20) Methylene Chloride	2.788	84	1138	0.371	ug/l	# 86
31) Cyclohexane	5.544	56	6218	1.249	ug/l	# 16
36) 1,1-Dichloropropene	5.544	75	21901	5.109	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	26952	6.637	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	2899	0.645	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	104301	26.494	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	104301	85.387	ug/l	# 8

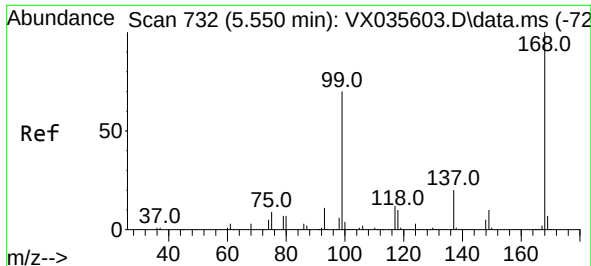
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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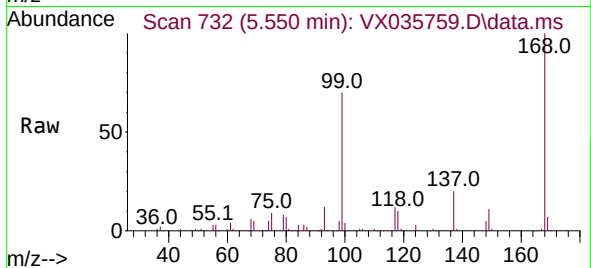
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
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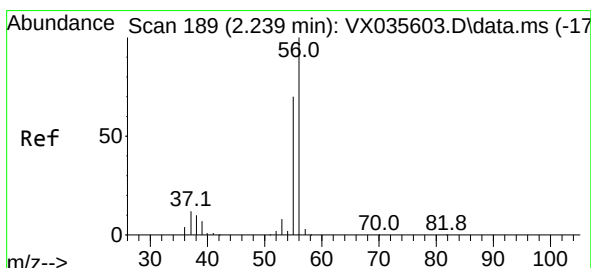
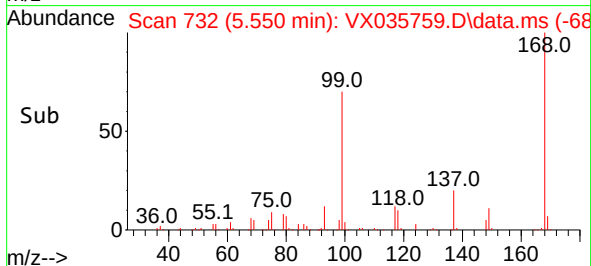
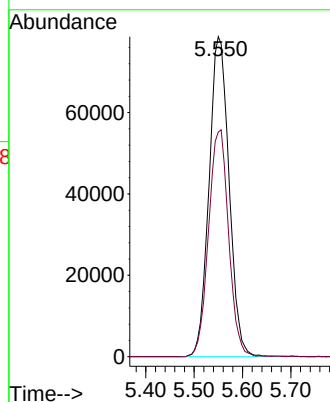


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035759.D
Acq: 19 May 2023 14:45

Instrument :
MSVOA_X
ClientSampleId :

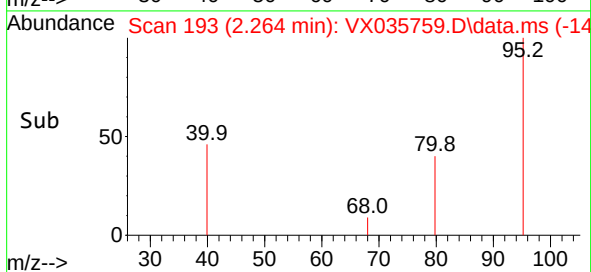
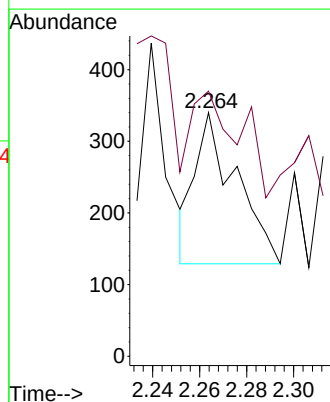
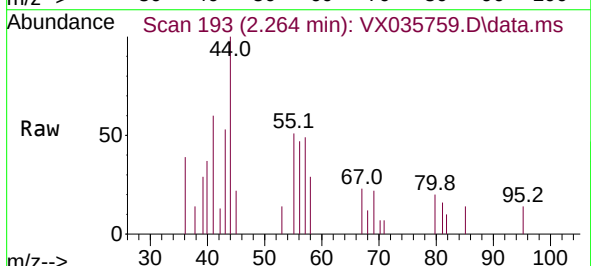


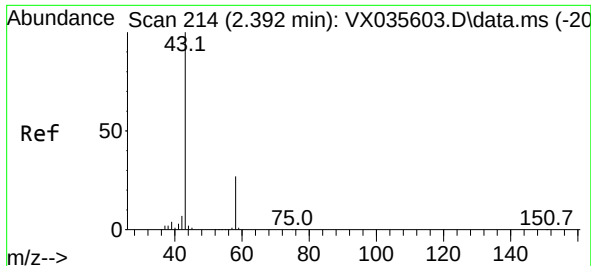
Tgt Ion:168 Resp: 225904
Ion Ratio Lower Upper
168 100
99 70.2 45.7 68.5#



#13
Acrolein
Concen: 0.310 ug/l
RT: 2.264 min Scan# 193
Delta R.T. 0.025 min
Lab File: VX035759.D
Acq: 19 May 2023 14:45

Tgt Ion: 56 Resp: 256
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#

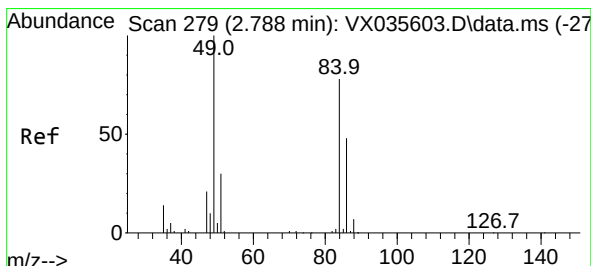
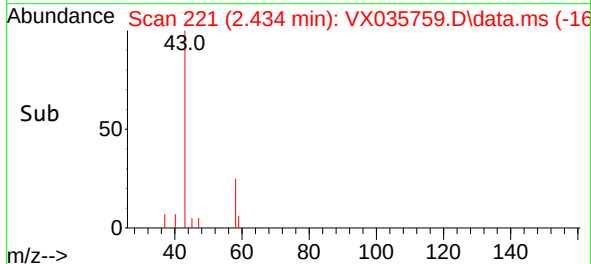
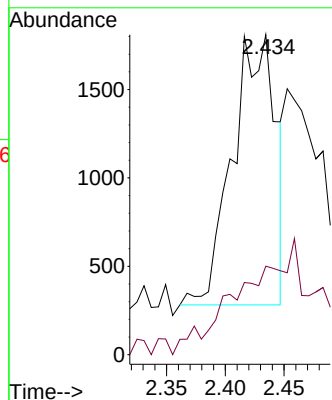
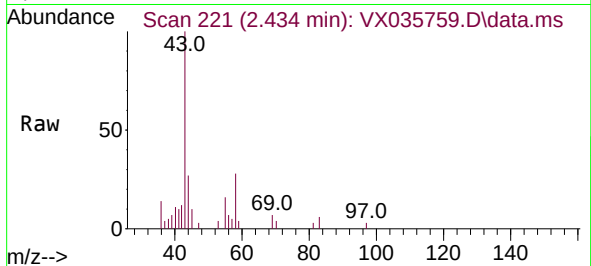




#16
Acetone
Concen: 2.294 ug/l
RT: 2.434 min Scan# 214
Delta R.T. 0.042 min
Lab File: VX035759.D
Acq: 19 May 2023 14:45

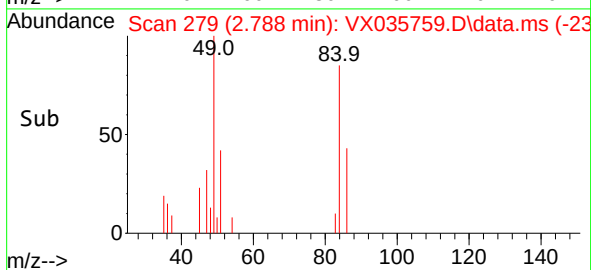
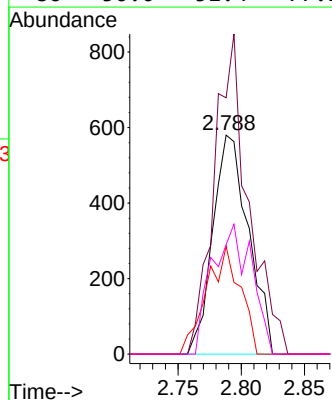
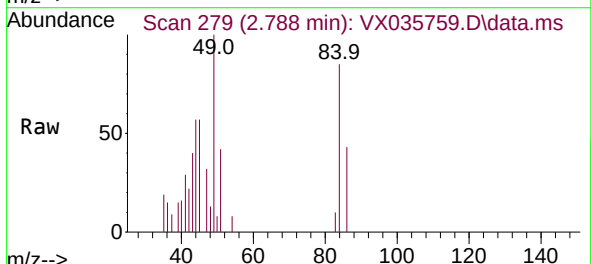
Instrument :
MSVOA_X
ClientSampleId :

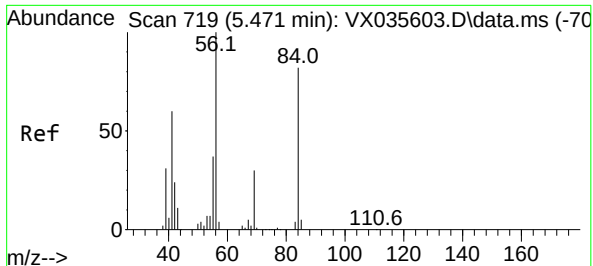
Tgt Ion: 43 Resp: 3885
Ion Ratio Lower Upper
43 100
58 27.1 24.7 37.1



#20
Methylene Chloride
Concen: 0.371 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035759.D
Acq: 19 May 2023 14:45

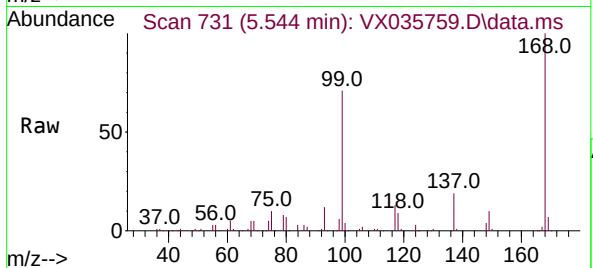
Tgt Ion: 84 Resp: 1138
Ion Ratio Lower Upper
84 100
49 117.1 103.8 155.8
51 49.3 31.8 47.8#
86 50.0 51.4 77.2#



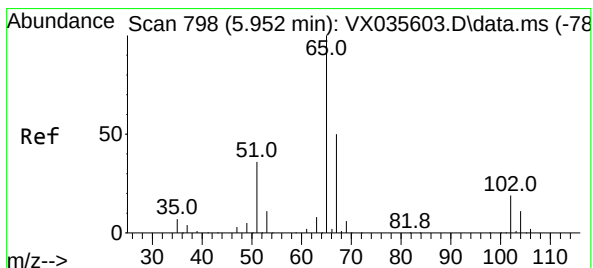
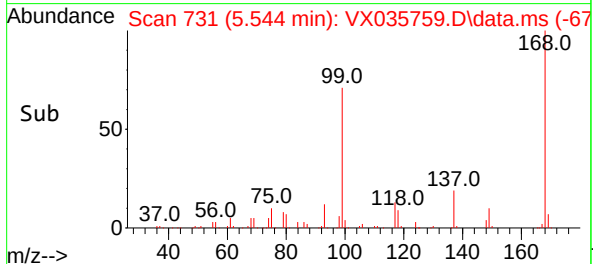
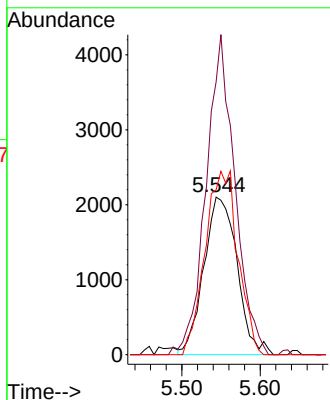


#31
Cyclohexane
Concen: 1.249 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX035759.D
Acq: 19 May 2023 14:45

Instrument :
MSVOA_X
ClientSampleId :

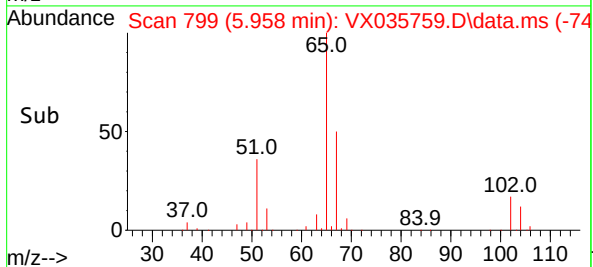
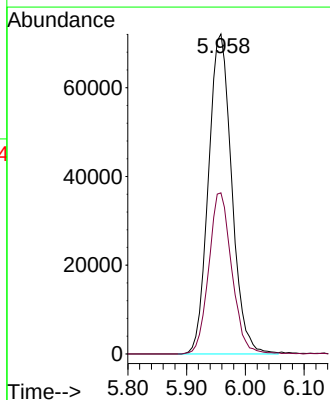
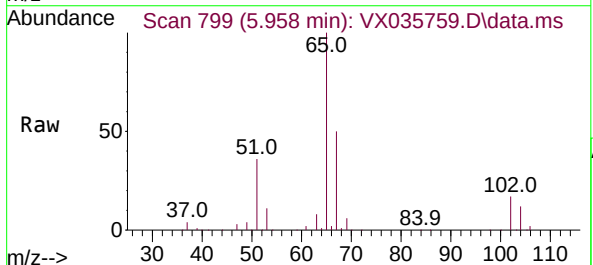


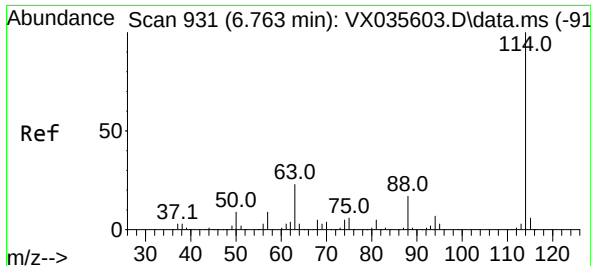
Tgt Ion: 56 Resp: 6218
Ion Ratio Lower Upper
56 100
69 173.2 23.7 35.5#
84 104.7 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 50.377 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035759.D
Acq: 19 May 2023 14:45

Tgt Ion: 65 Resp: 198536
Ion Ratio Lower Upper
65 100
67 49.8 0.0 104.0

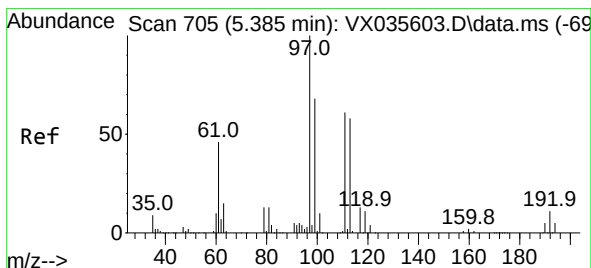
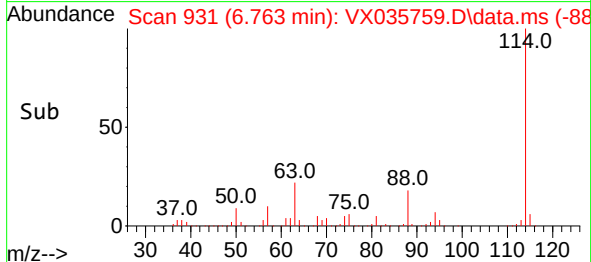
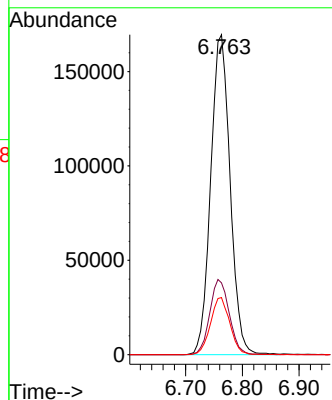
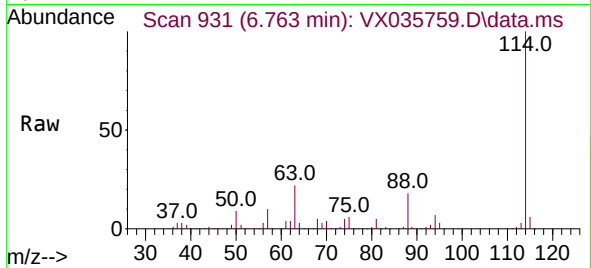




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035759.D
Acq: 19 May 2023 14:45

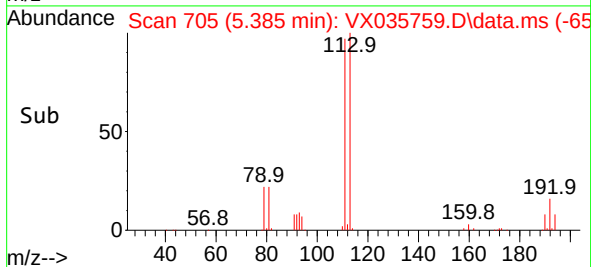
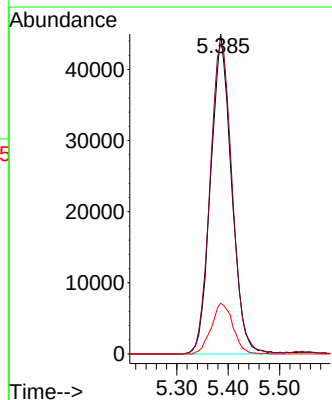
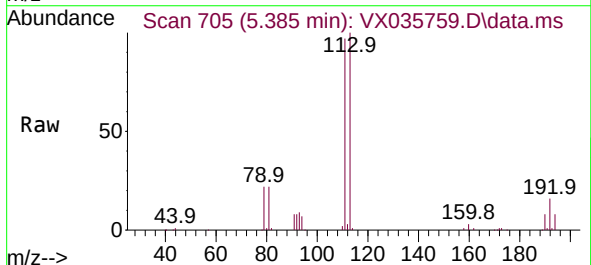
Instrument :
MSVOA_X
ClientSampleId :

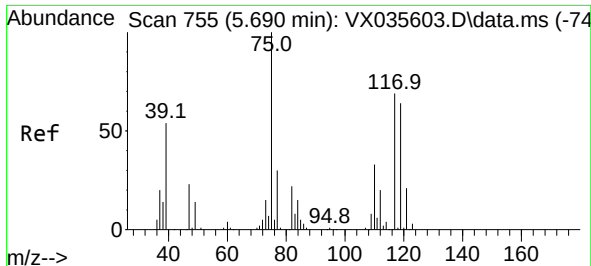
Tgt Ion:114 Resp: 402735
Ion Ratio Lower Upper
114 100
63 22.5 0.0 42.2
88 17.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.705 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035759.D
Acq: 19 May 2023 14:45

Tgt Ion:113 Resp: 126851
Ion Ratio Lower Upper
113 100
111 103.3 83.7 125.5
192 16.4 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.109 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

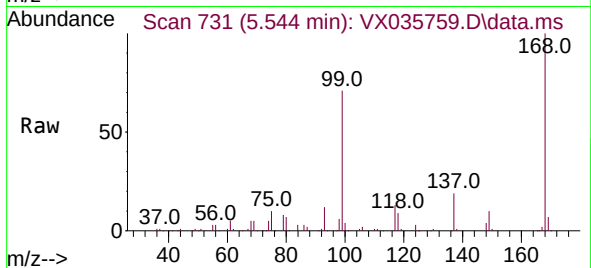
Lab File: VX035759.D

Acq: 19 May 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :



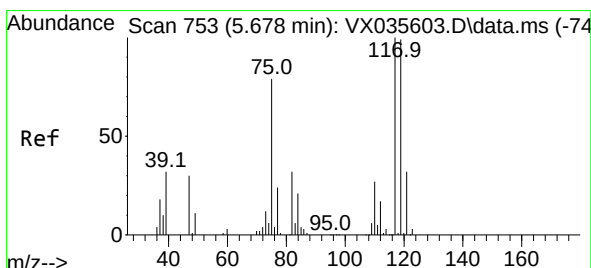
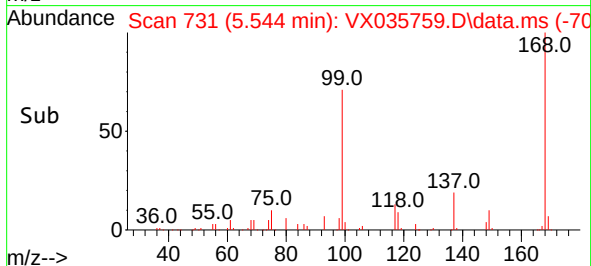
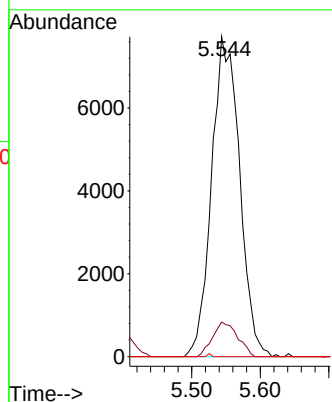
Tgt Ion: 75 Resp: 21901

Ion Ratio Lower Upper

75 100

110 9.7 17.5 52.5#

77 0.1 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.637 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX035759.D

Acq: 19 May 2023 14:45

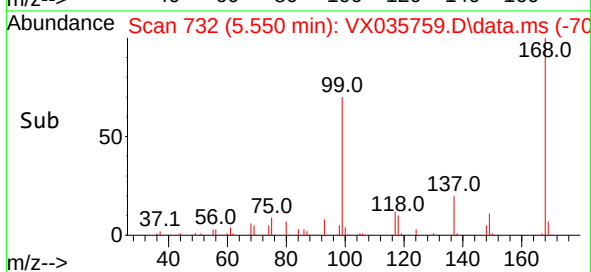
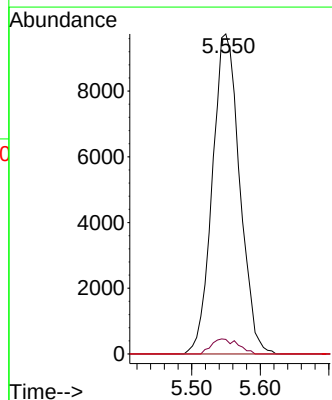
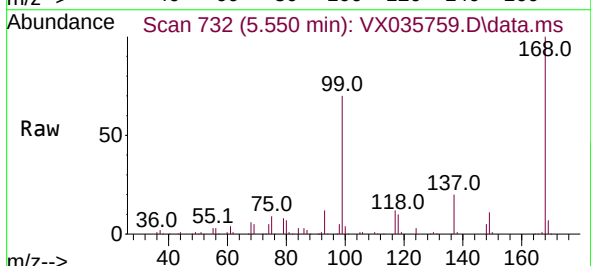
Tgt Ion: 117 Resp: 26952

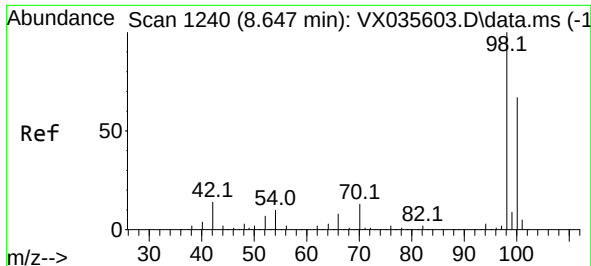
Ion Ratio Lower Upper

117 100

119 4.5 76.6 114.8#

121 0.0 23.8 35.6#

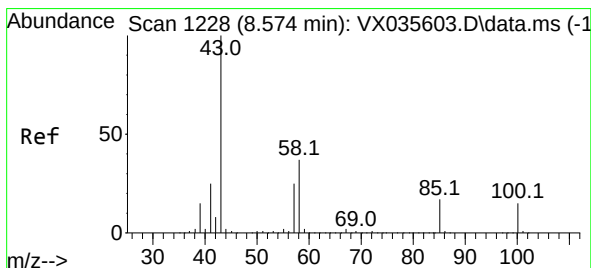
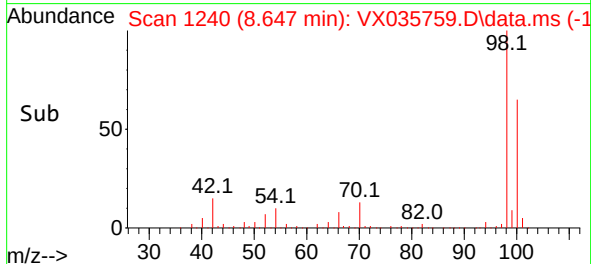
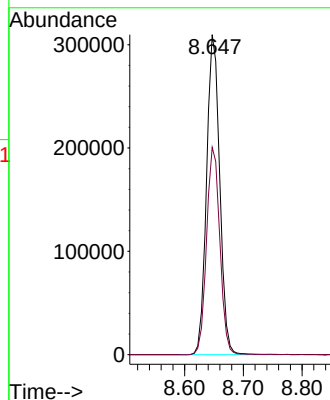
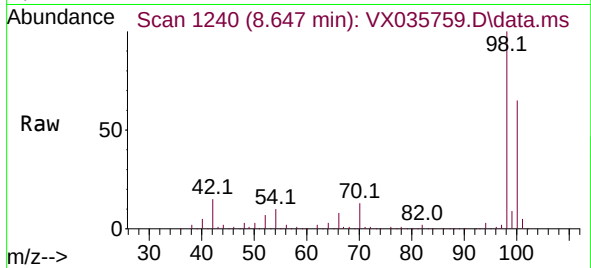




#50
Toluene-d8
Concen: 47.995 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035759.D
Acq: 19 May 2023 14:45

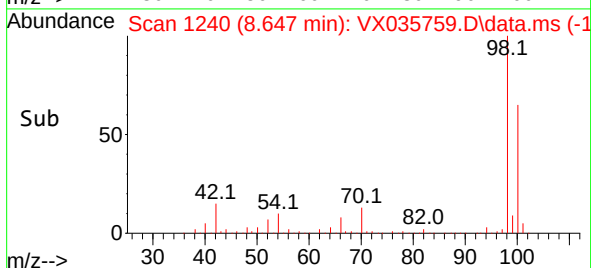
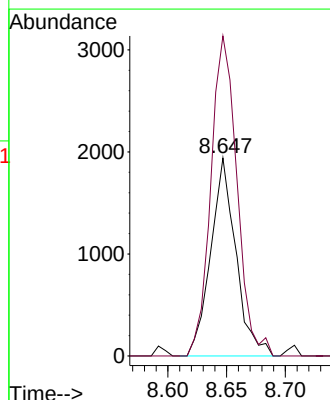
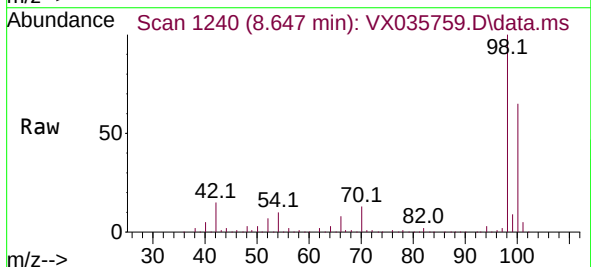
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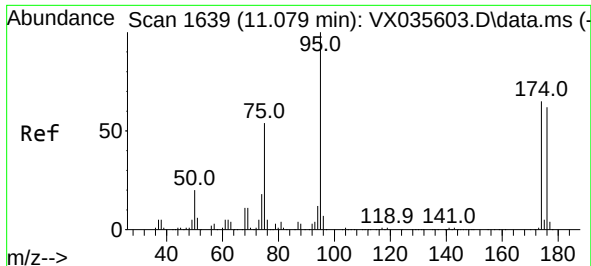
Tgt Ion: 98 Resp: 481569
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.645 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX035759.D
Acq: 19 May 2023 14:45

Tgt Ion: 43 Resp: 2899
Ion Ratio Lower Upper
43 100
58 167.9 30.6 46.0#

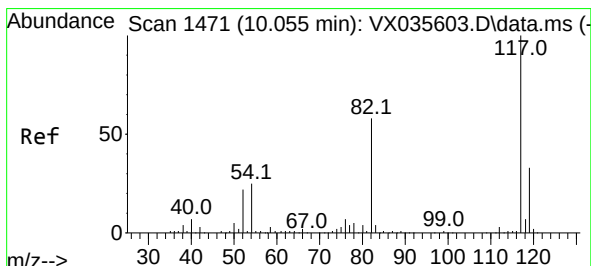
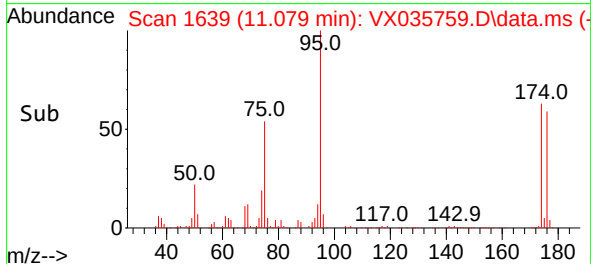
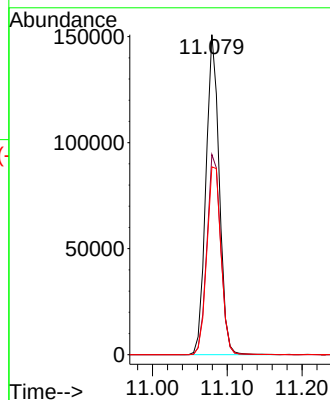
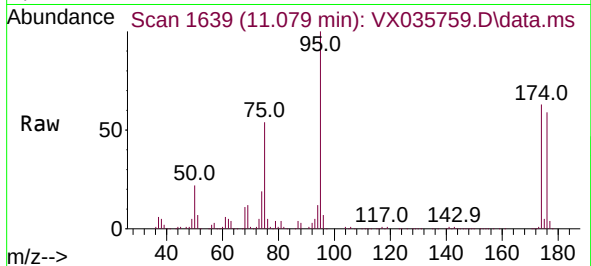




#62
4-Bromofluorobenzene
Concen: 46.125 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035759.D
Acq: 19 May 2023 14:45

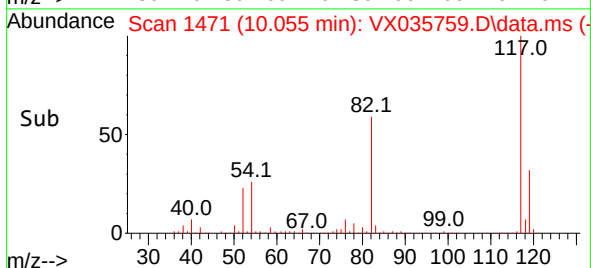
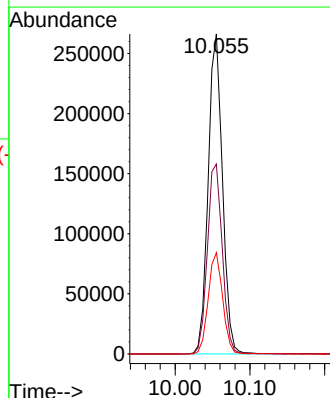
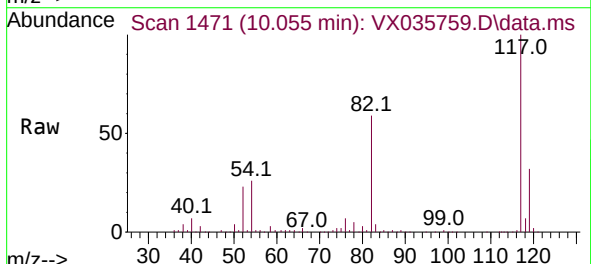
Instrument :
MSVOA_X
ClientSampleId :

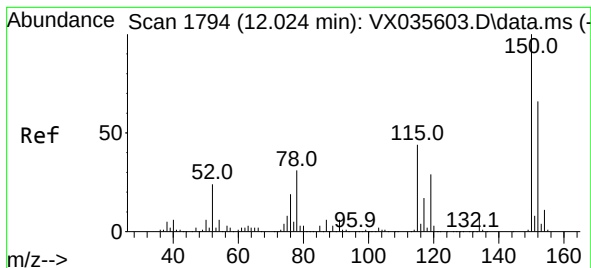
Tgt Ion: 95 Resp: 186345
Ion Ratio Lower Upper
95 100
174 64.8 0.0 147.4
176 62.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035759.D
Acq: 19 May 2023 14:45

Tgt Ion: 117 Resp: 353555
Ion Ratio Lower Upper
117 100
82 59.4 45.0 67.4
119 31.7 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035759.D

Acq: 19 May 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

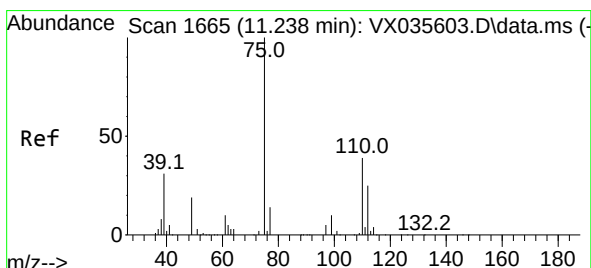
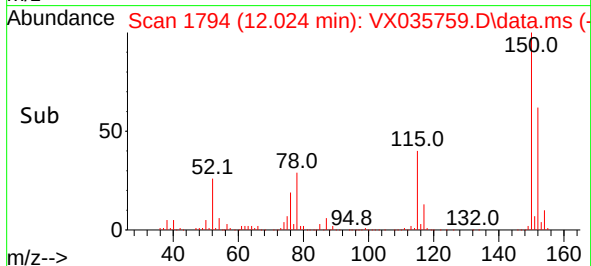
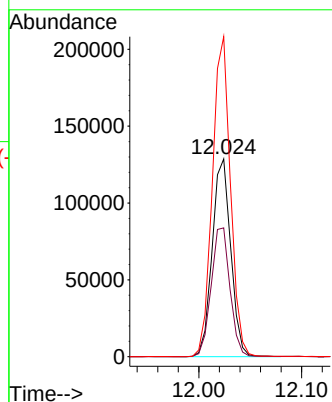
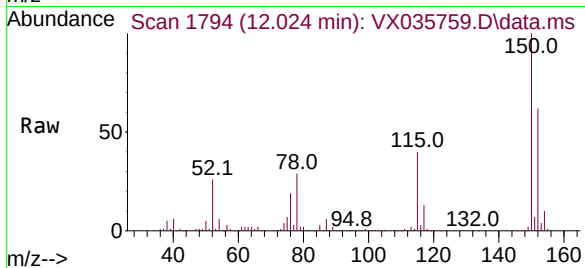
Tgt Ion:152 Resp: 160944

Ion Ratio Lower Upper

152 100

115 66.4 45.0 135.0

150 158.0 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 26.494 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX035759.D

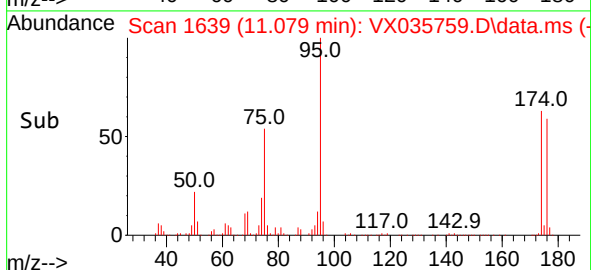
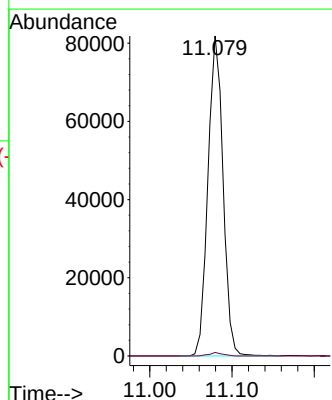
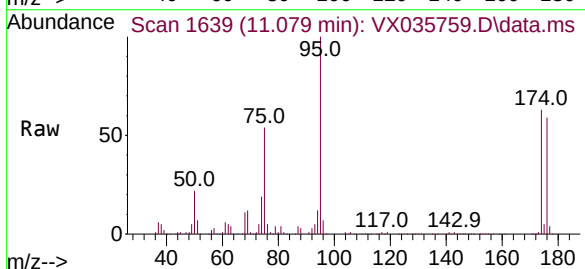
Acq: 19 May 2023 14:45

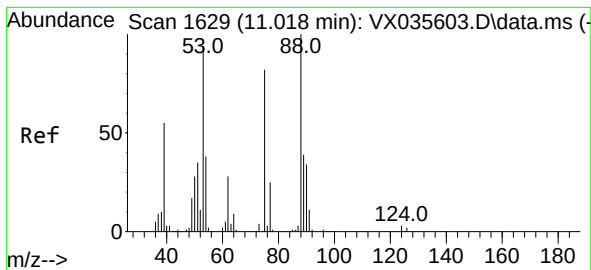
Tgt Ion: 75 Resp: 104301

Ion Ratio Lower Upper

75 100

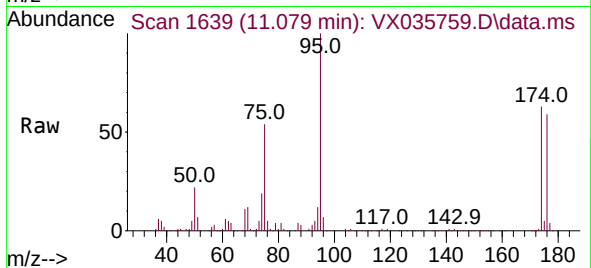
77 1.0 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.387 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035759.D
 Acq: 19 May 2023 14:45

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 104301
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

