

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036637.D
 Acq On : 24 Jul 2023 18:08
 Operator : JC/MD
 Sample : 03742-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jul 25 06:38:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	166977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	301161	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	276262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128320	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114334	46.277	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.560%
35) Dibromofluoromethane	5.385	113	95182	45.981	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.960%
50) Toluene-d8	8.647	98	360886	49.162	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.320%
62) 4-Bromofluorobenzene	11.079	95	138856	50.137	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.280%

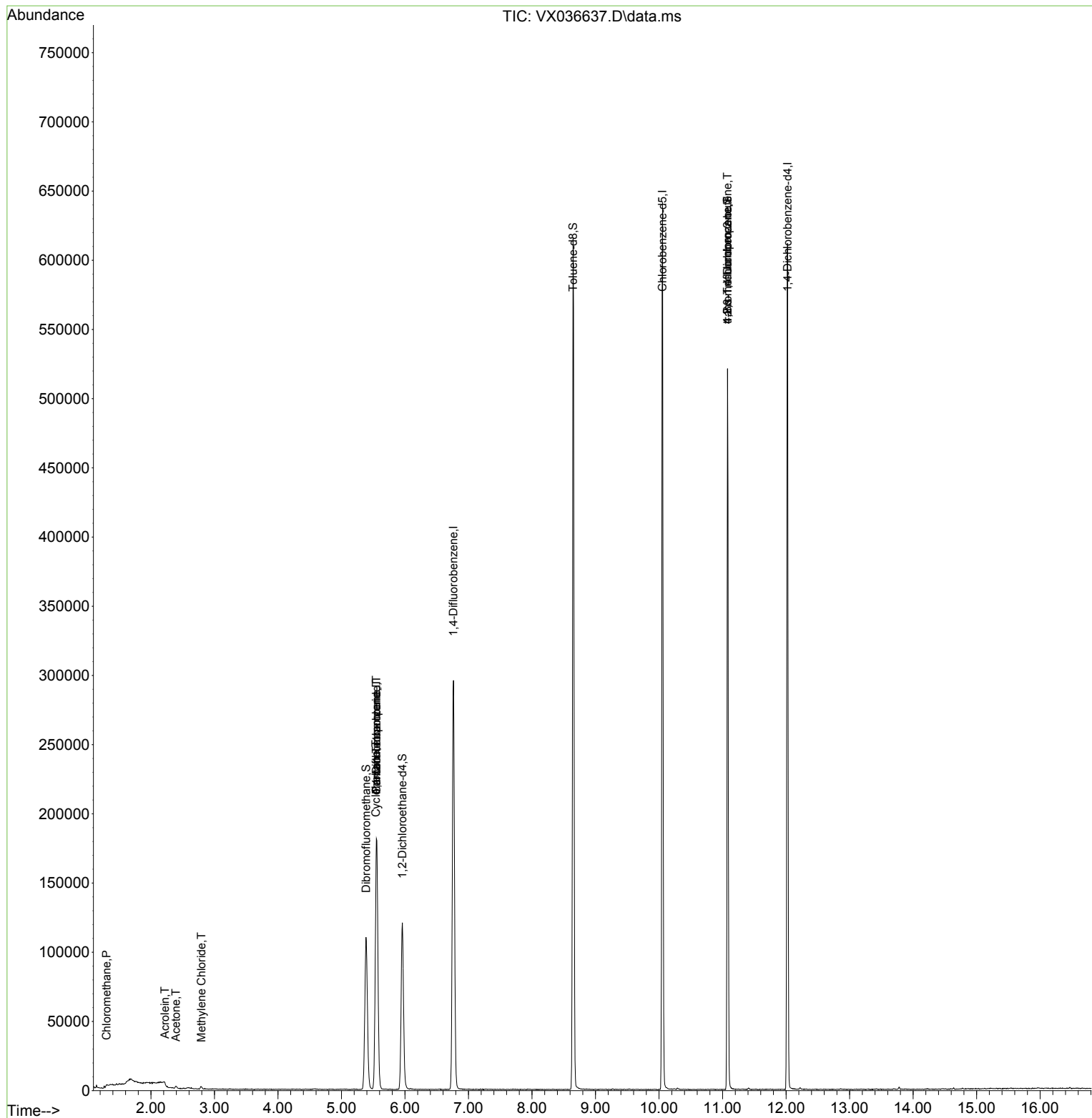
Target Compounds					Qvalue	
3) Chloromethane	1.301	50	940	0.469	ug/l	90
13) Acrolein	2.221	56	154	0.461	ug/l #	14
16) Acetone	2.392	43	2282	2.226	ug/l #	76
20) Methylene Chloride	2.794	84	1044	0.458	ug/l #	73
31) Cyclohexane	5.544	56	4155	1.215	ug/l #	9
36) 1,1-Dichloropropene	5.550	75	14056	4.556	ug/l #	50
38) Carbon Tetrachloride	5.550	117	18094	5.516	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	73084	24.214	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	73084	54.883	ug/l #	5

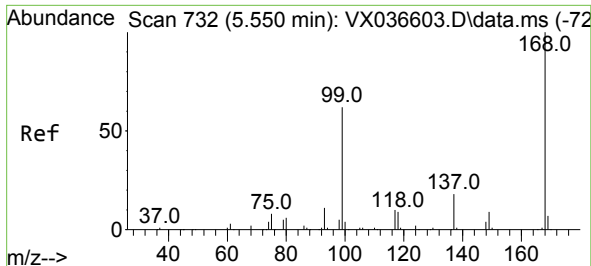
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

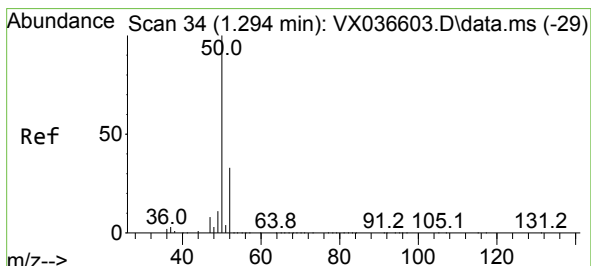
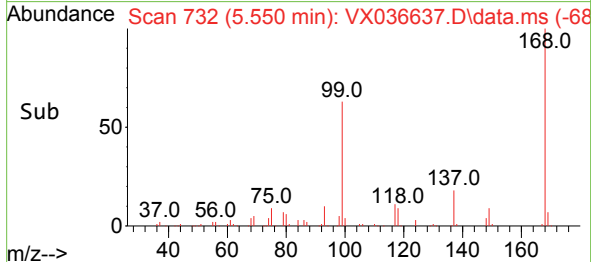
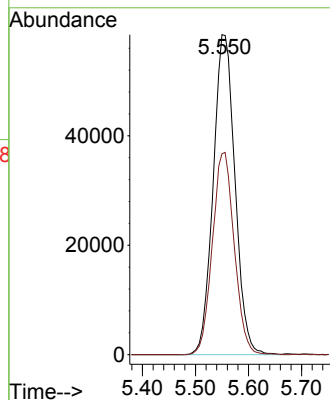
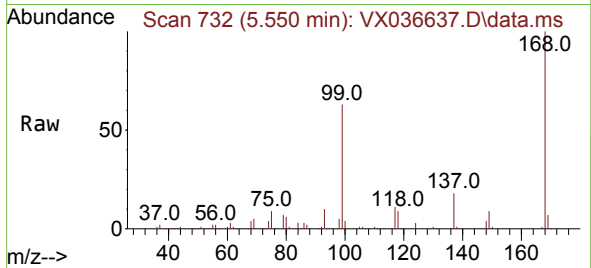




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036637.D
Acq: 24 Jul 2023 18:08

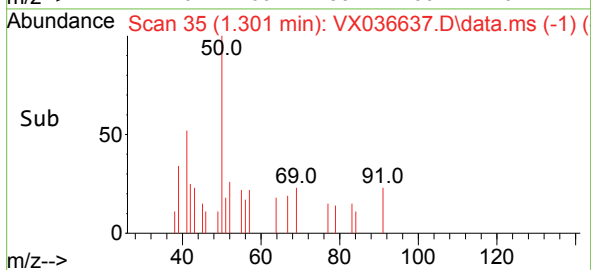
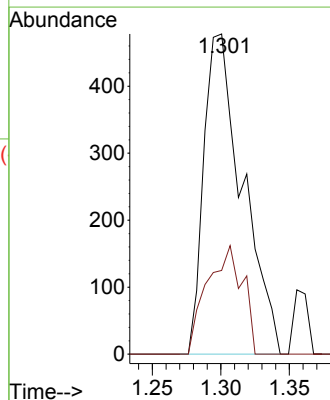
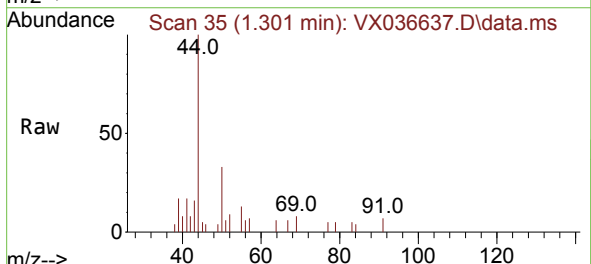
Instrument :
MSVOA_X
ClientSampleId :
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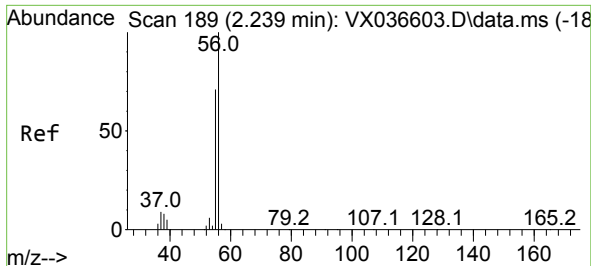
Tgt Ion:168 Resp: 166977
Ion Ratio Lower Upper
168 100
99 62.8 56.6 85.0



#3
Chloromethane
Concen: 0.469 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX036637.D
Acq: 24 Jul 2023 18:08

Tgt Ion: 50 Resp: 940
Ion Ratio Lower Upper
50 100
52 26.2 25.5 38.3

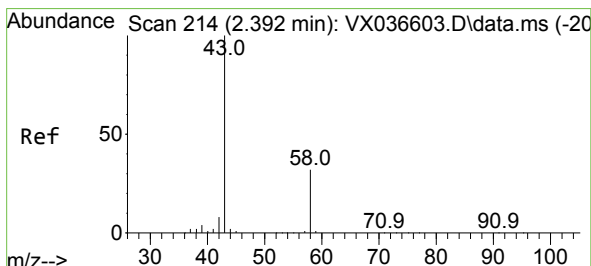
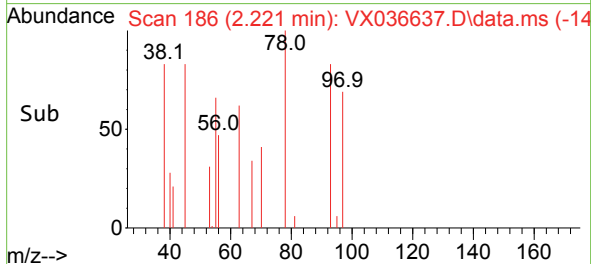
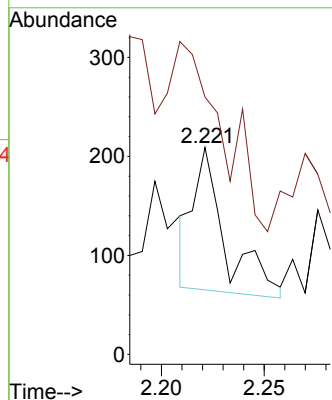
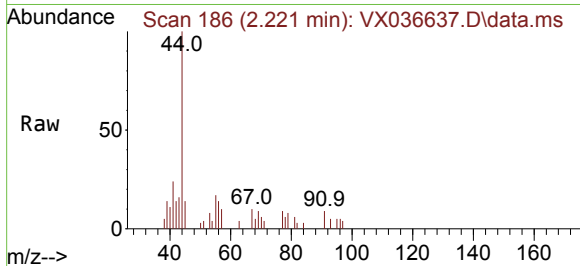




#13
Acrolein
Concen: 0.461 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.018 min
Lab File: VX036637.D
Acq: 24 Jul 2023 18:08

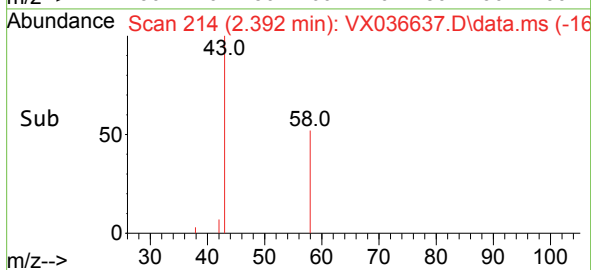
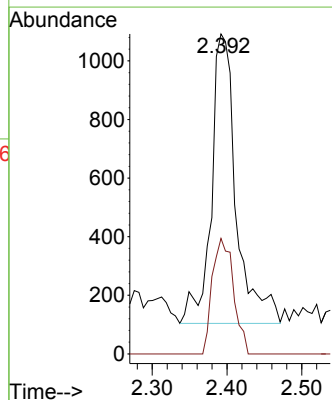
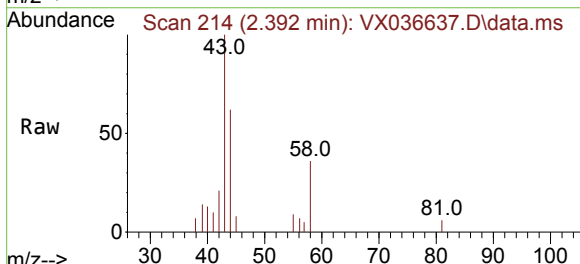
Instrument :
MSVOA_X
ClientSampleId :
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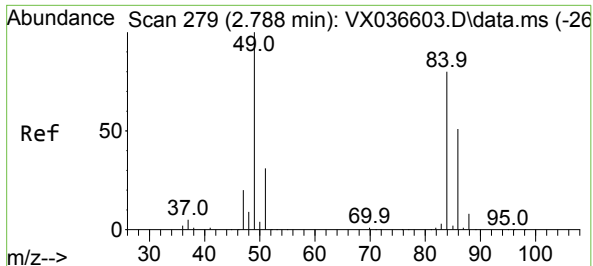
Tgt Ion: 56 Resp: 154
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 2.226 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX036637.D
Acq: 24 Jul 2023 18:08

Tgt Ion: 43 Resp: 2282
Ion Ratio Lower Upper
43 100
58 39.9 21.9 32.9#





#20

Methylene Chloride

Concen: 0.458 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX036637.D

Acq: 24 Jul 2023 18:08

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

Tgt Ion: 84 Resp: 1044

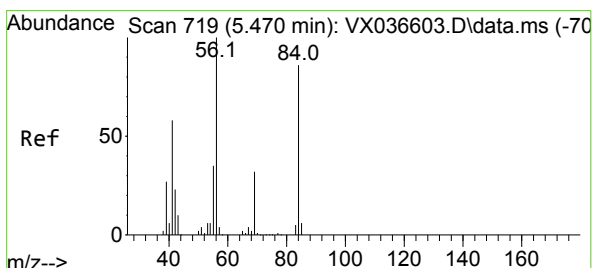
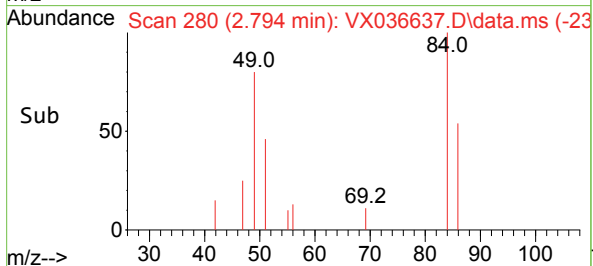
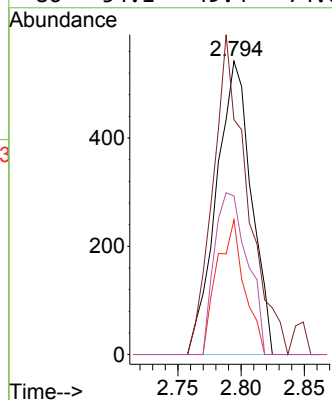
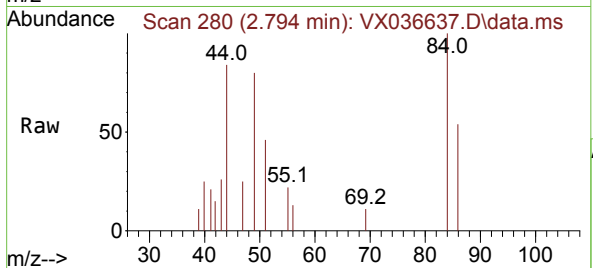
Ion Ratio Lower Upper

84 100

49 80.1 103.6 155.4#

51 45.9 33.8 50.6

86 54.1 49.4 74.0



#31

Cyclohexane

Concen: 1.215 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX036637.D

Acq: 24 Jul 2023 18:08

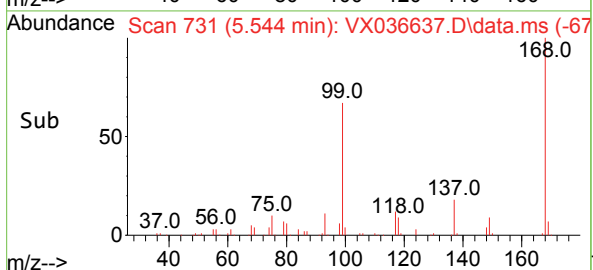
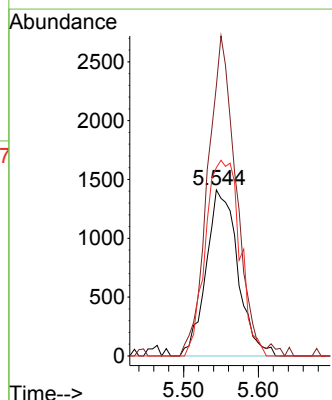
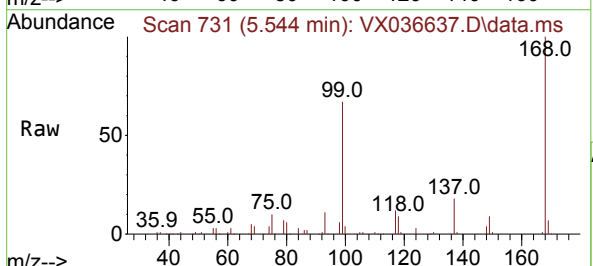
Tgt Ion: 56 Resp: 4155

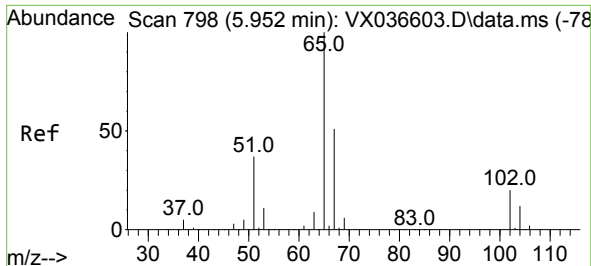
Ion Ratio Lower Upper

56 100

69 162.5 23.4 35.2#

84 113.4 65.9 98.9#

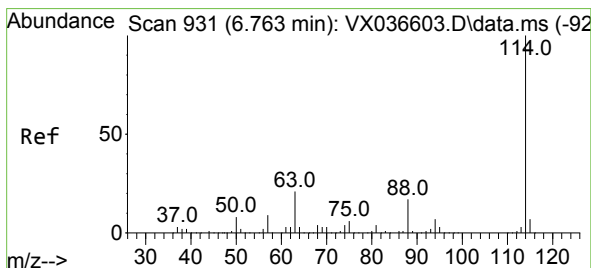
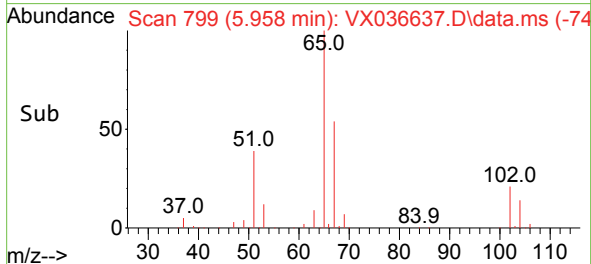
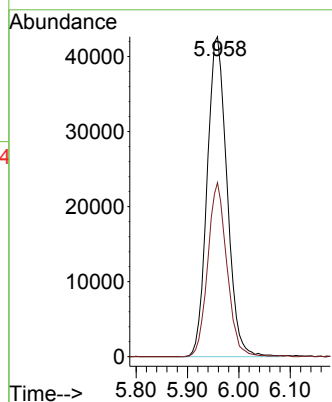
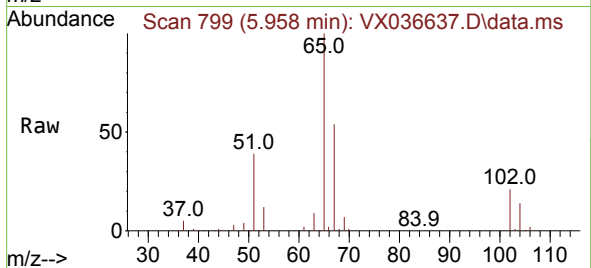




#33
 1,2-Dichloroethane-d4
 Concen: 46.277 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.006 min
 Lab File: VX036637.D
 Acq: 24 Jul 2023 18:08

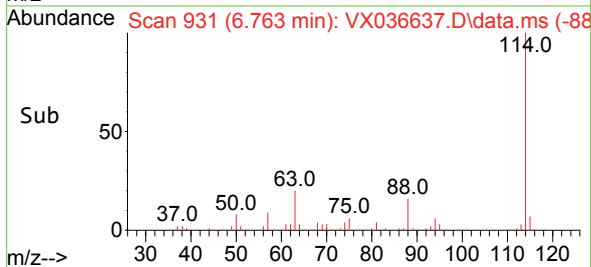
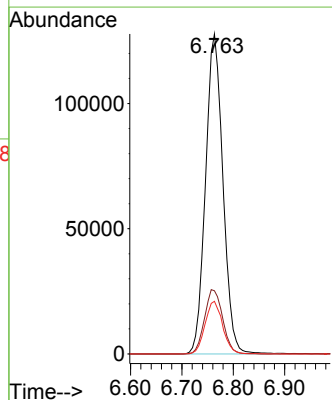
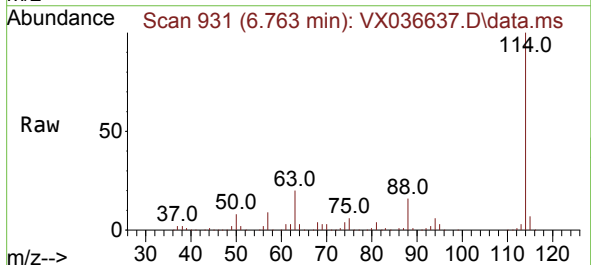
Instrument :
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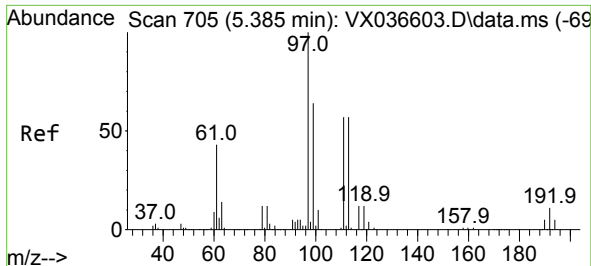
Tgt Ion: 65 Resp: 114334
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036637.D
 Acq: 24 Jul 2023 18:08

Tgt Ion: 114 Resp: 301161
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 45.0
 88 16.4 0.0 36.6

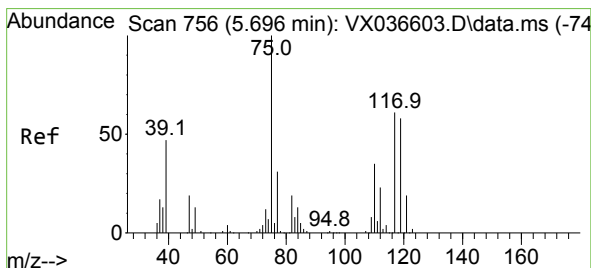
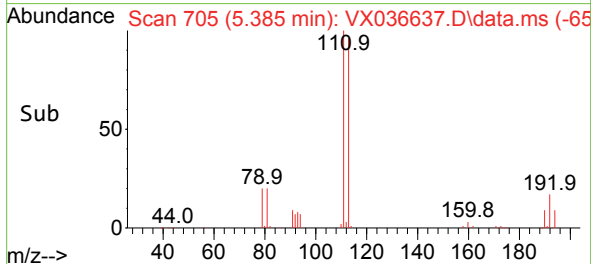
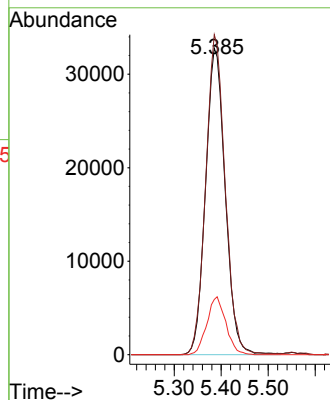
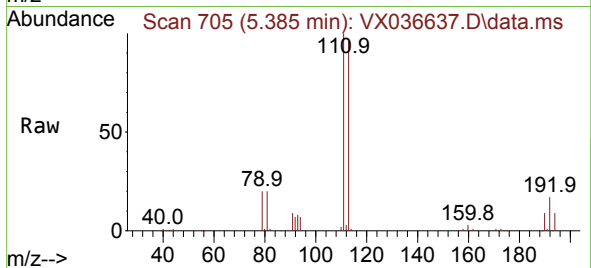




#35
Dibromofluoromethane
Concen: 45.981 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036637.D
Acq: 24 Jul 2023 18:08

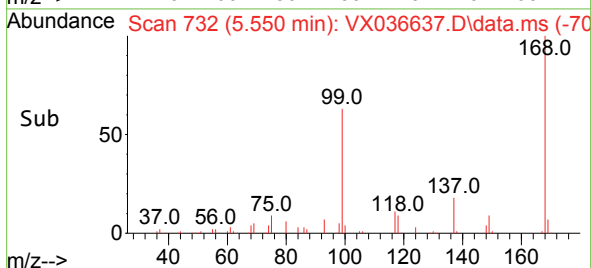
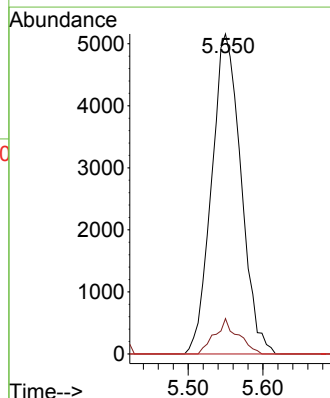
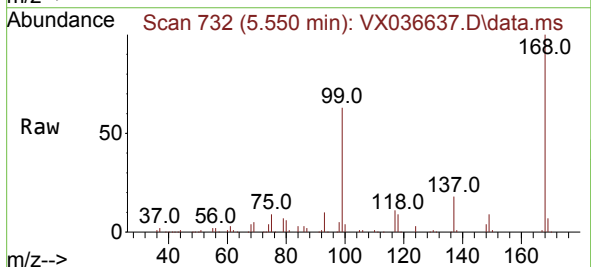
Instrument :
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ClientSampleId :
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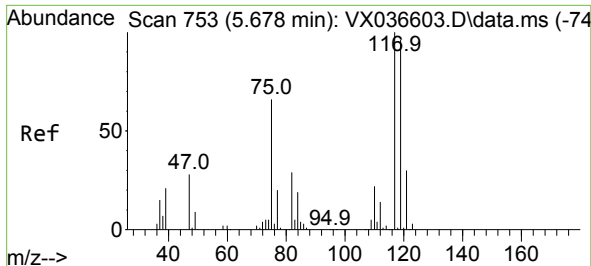
Tgt Ion:113 Resp: 95182
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.556 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036637.D
Acq: 24 Jul 2023 18:08

Tgt Ion: 75 Resp: 14056
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#

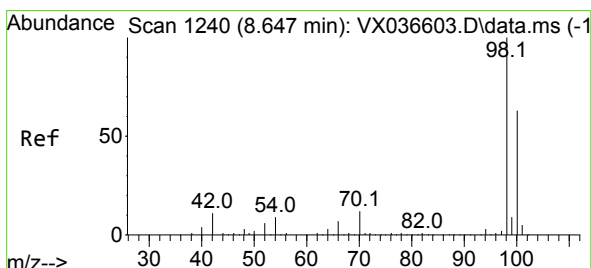
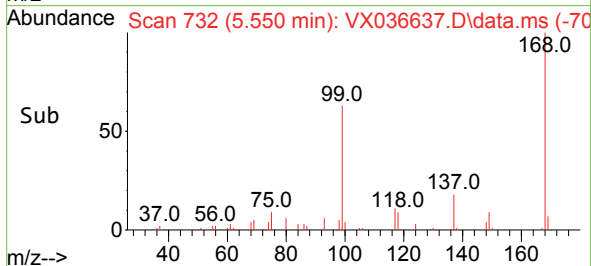
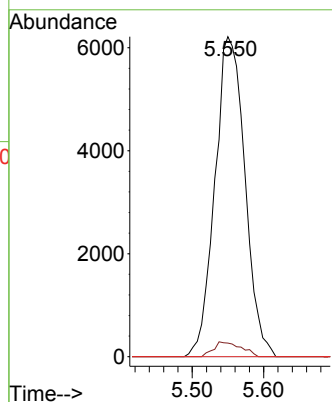
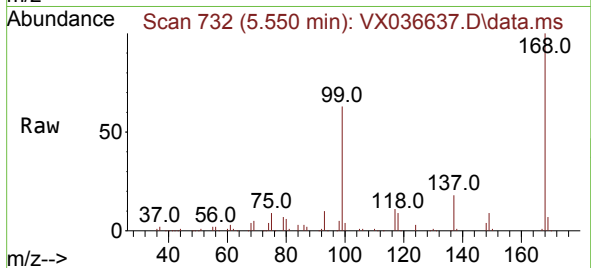




#38
Carbon Tetrachloride
Concen: 5.516 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036637.D
Acq: 24 Jul 2023 18:08

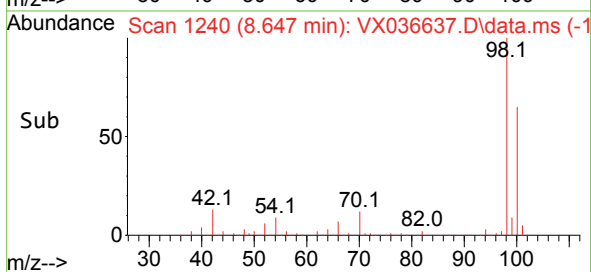
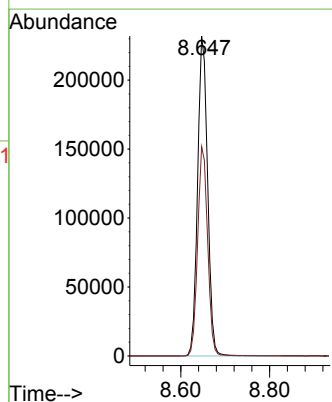
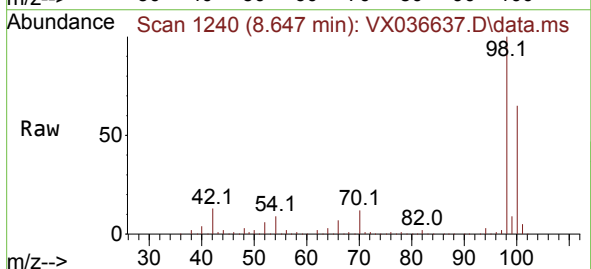
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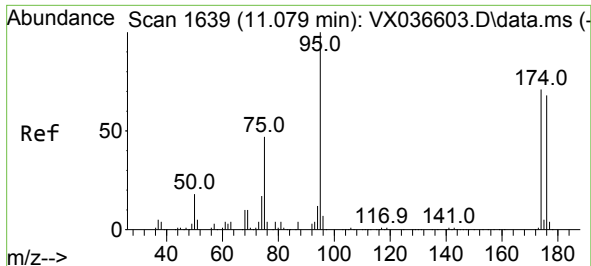
Tgt Ion:117 Resp: 18094
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.162 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036637.D
Acq: 24 Jul 2023 18:08

Tgt Ion: 98 Resp: 360886
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7

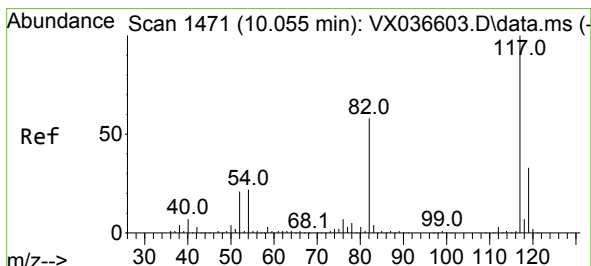
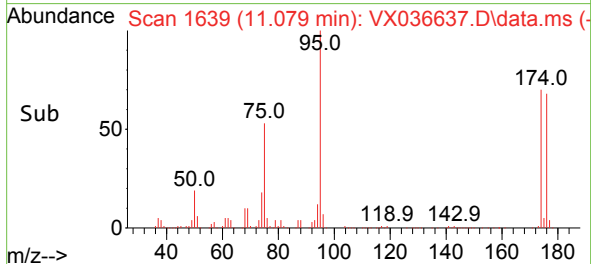
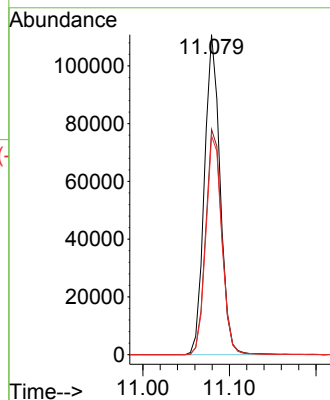
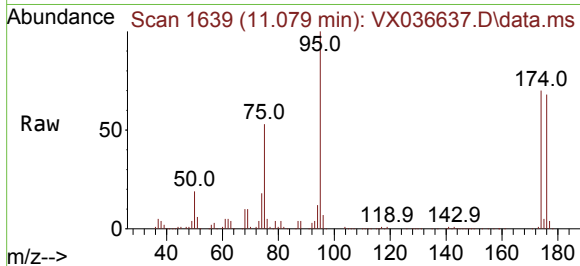




#62
4-Bromofluorobenzene
Concen: 50.137 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036637.D
Acq: 24 Jul 2023 18:08

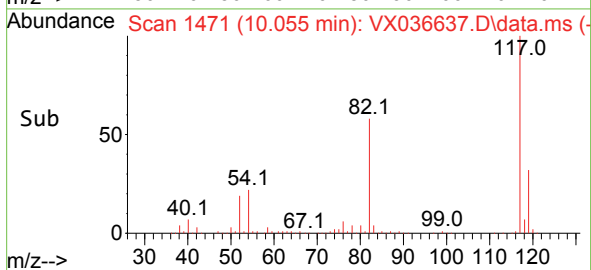
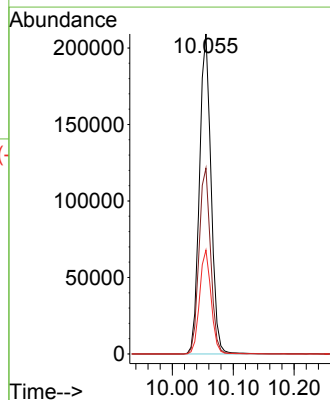
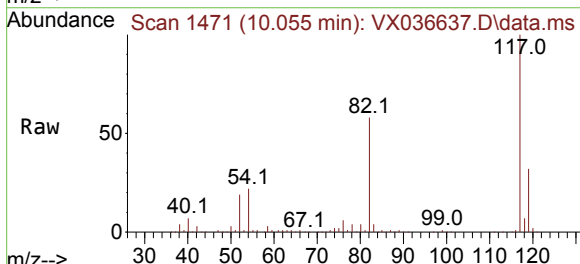
Instrument :
MSVOA_X
ClientSampleId :
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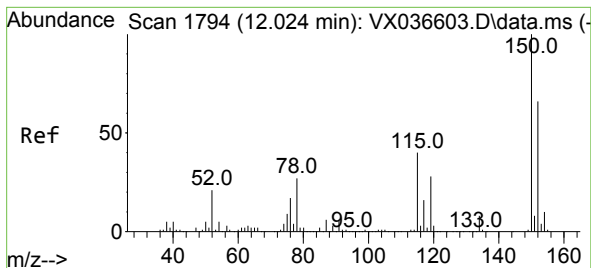
Tgt Ion: 95 Resp: 138856
Ion Ratio Lower Upper
95 100
174 72.9 0.0 135.6
176 70.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036637.D
Acq: 24 Jul 2023 18:08

Tgt Ion: 117 Resp: 276262
Ion Ratio Lower Upper
117 100
82 58.1 46.2 69.4
119 32.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036637.D

Acq: 24 Jul 2023 18:08

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

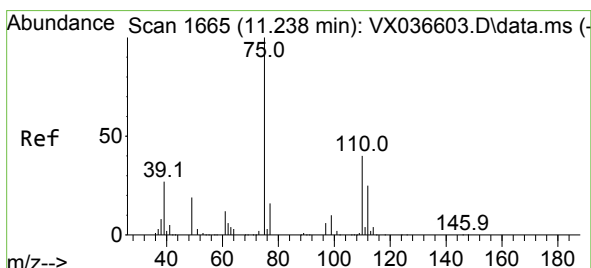
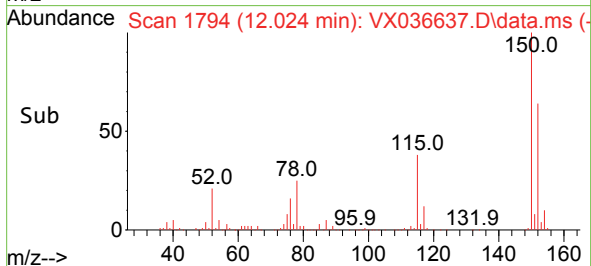
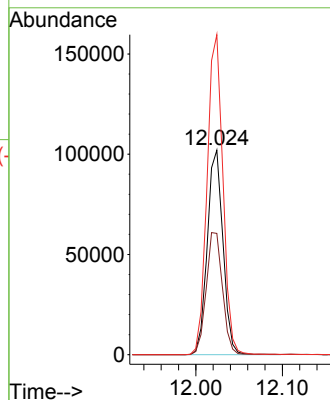
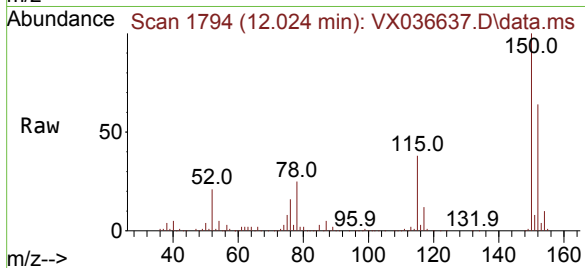
Tgt Ion:152 Resp: 128320

Ion Ratio Lower Upper

152 100

115 62.0 43.3 129.9

150 157.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.214 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX036637.D

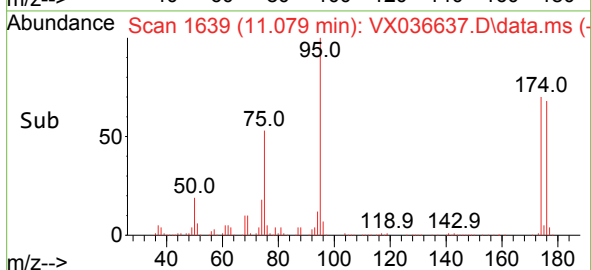
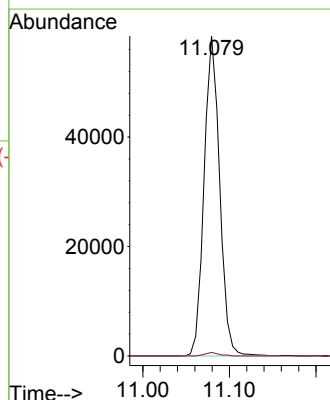
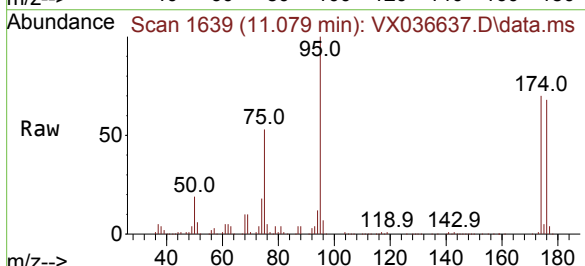
Acq: 24 Jul 2023 18:08

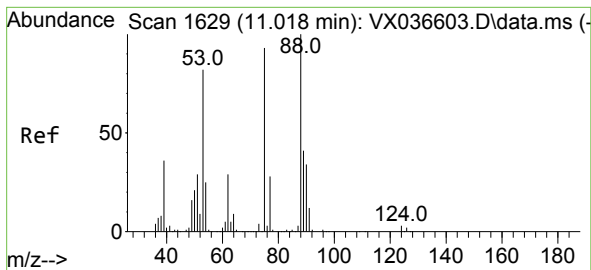
Tgt Ion: 75 Resp: 73084

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.883 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036637.D
 Acq: 24 Jul 2023 18:08

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Tgt Ion: 75 Resp: 73084
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

