

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037702.D
 Acq On : 13 Sep 2023 18:09
 Operator : JC/MD
 Sample : 04356-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 14 02:23:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

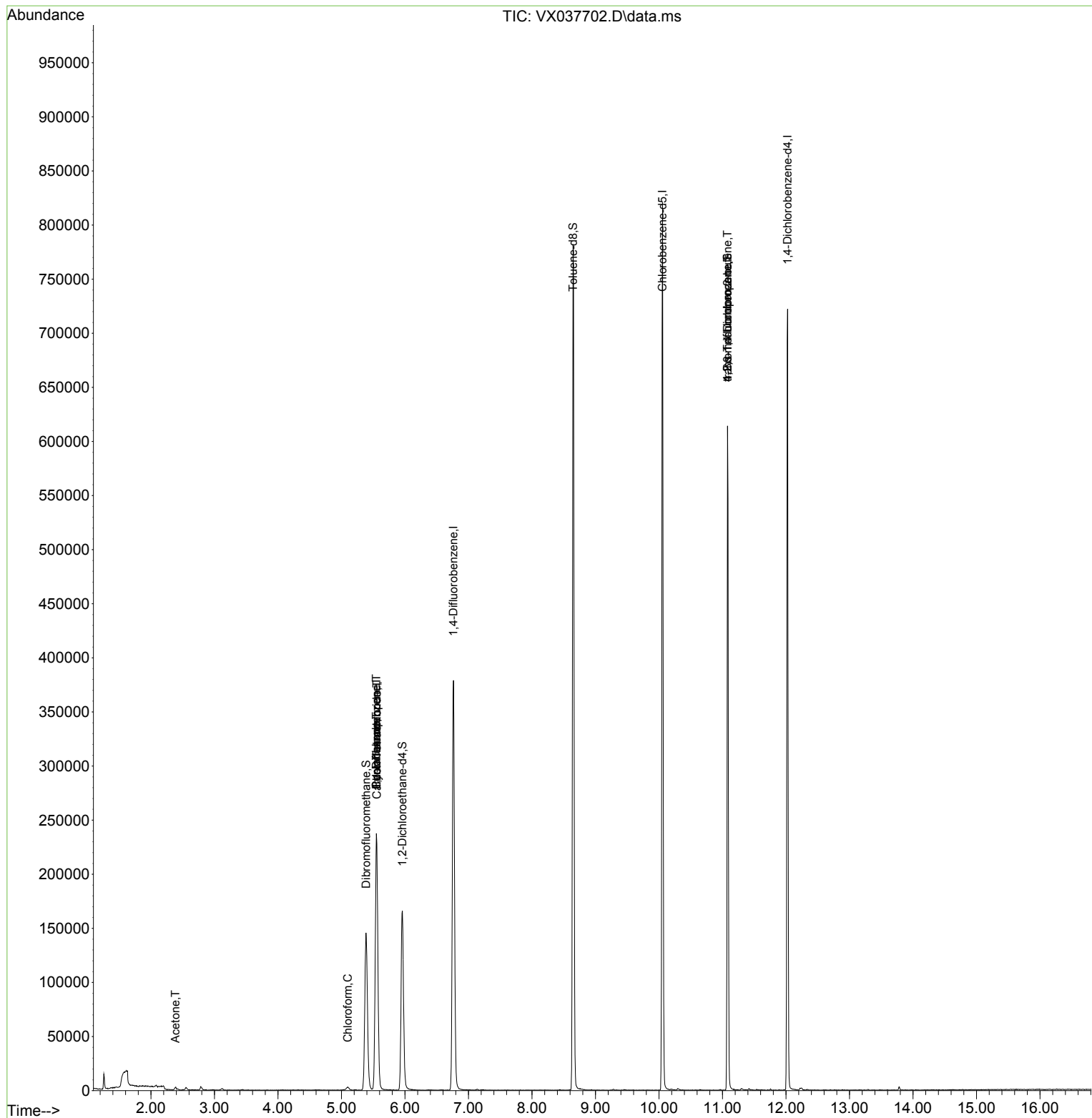
Internal Standards						
1) Pentafluorobenzene	5.550	168	221272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	387931	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	361253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159754	44.624	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	89.240%	
35) Dibromofluoromethane	5.385	113	127348	46.313	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	92.620%	
50) Toluene-d8	8.647	98	480384	46.323	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	92.640%	
62) 4-Bromofluorobenzene	11.079	95	160960	43.022	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	86.040%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	298	Below Cal	#	78
16) Acetone	2.386	43	3031	2.094	ug/l #	87
20) Methylene Chloride	2.788	84	1574	Below Cal	#	70
30) Chloroform	5.099	83	3320	0.607	ug/l	84
31) Cyclohexane	5.550	56	5012	1.216	ug/l #	4
36) 1,1-Dichloropropene	5.550	75	18334	4.901	ug/l #	51
38) Carbon Tetrachloride	5.556	117	24014	6.284	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	84585	25.914	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	84585	78.772	ug/l #	5

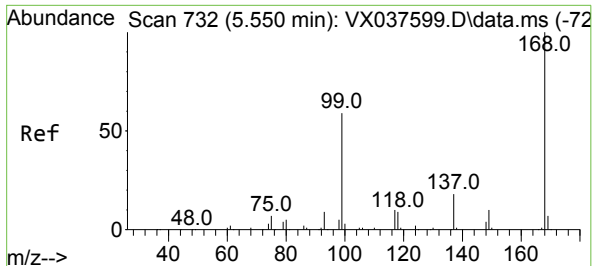
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration

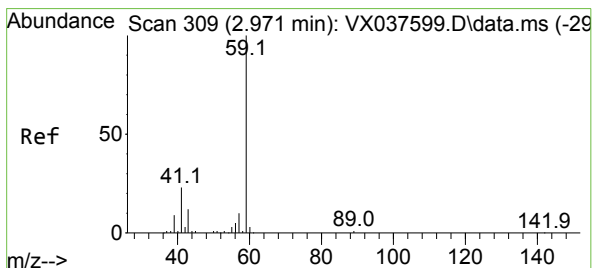
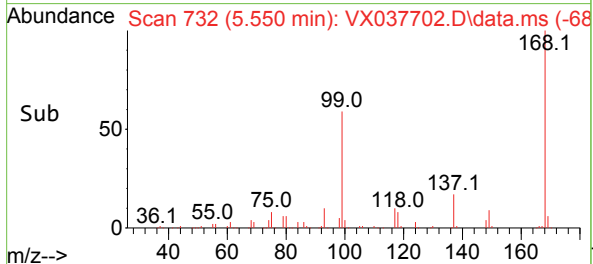
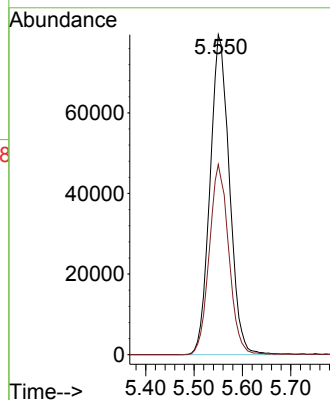
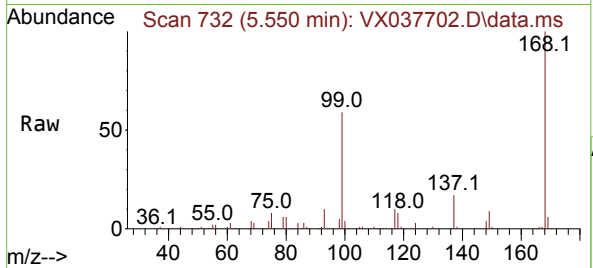




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037702.D
Acq: 13 Sep 2023 18:09

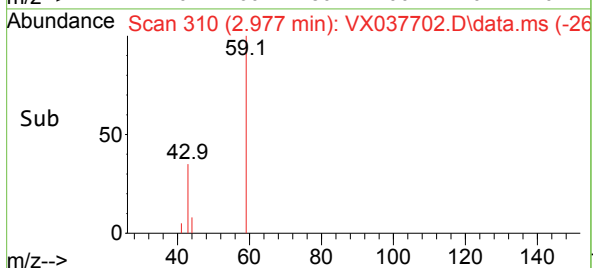
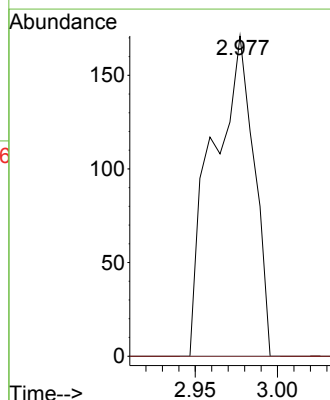
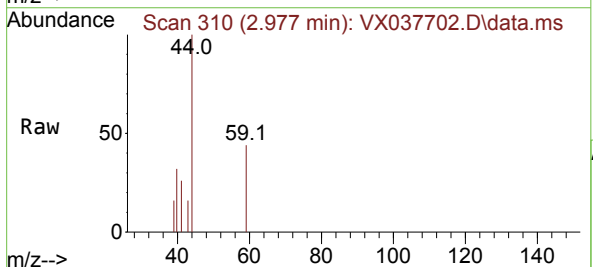
Instrument :
MSVOA_X
ClientSampleId :

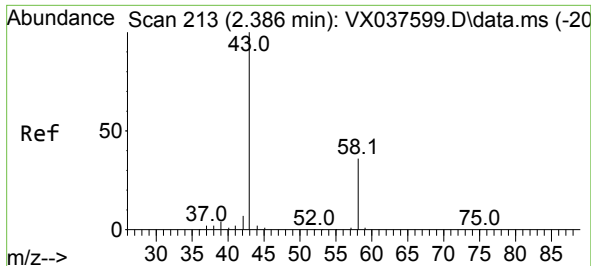
Tgt Ion:168 Resp: 221272
Ion Ratio Lower Upper
168 100
99 59.5 56.6 85.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.977 min Scan# 310
Delta R.T. 0.006 min
Lab File: VX037702.D
Acq: 13 Sep 2023 18:09

Tgt Ion: 59 Resp: 298
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

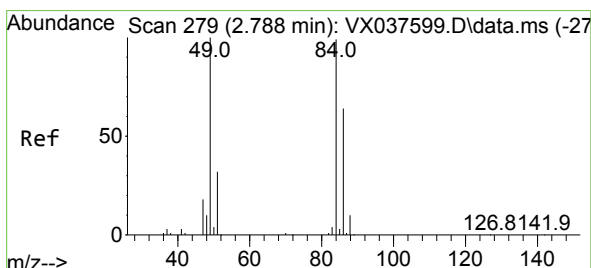
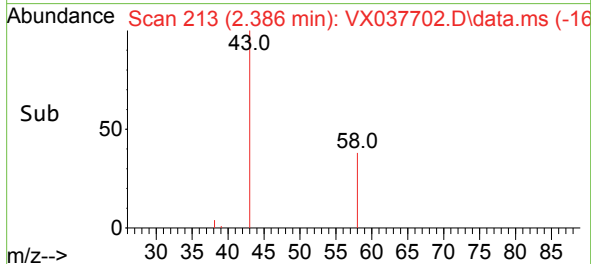
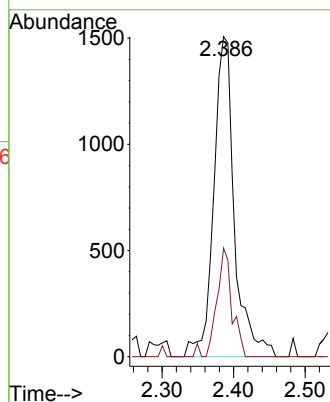
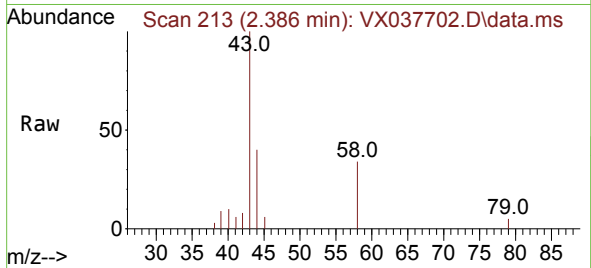




#16
Acetone
Concen: 2.094 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX037702.D
Acq: 13 Sep 2023 18:09

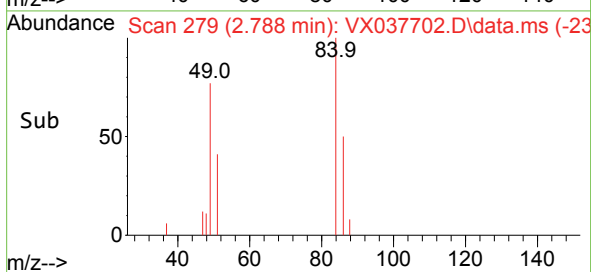
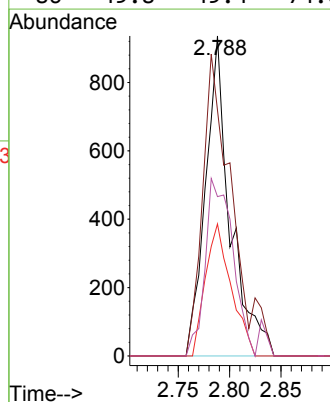
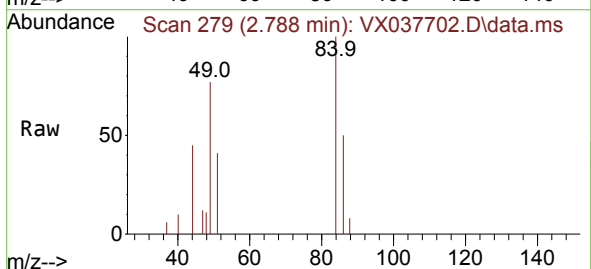
Instrument :
MSVOA_X
ClientSampleId :

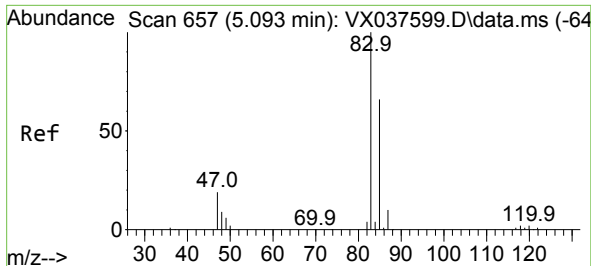
Tgt Ion: 43 Resp: 3031
Ion Ratio Lower Upper
43 100
58 34.0 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037702.D
Acq: 13 Sep 2023 18:09

Tgt Ion: 84 Resp: 1574
Ion Ratio Lower Upper
84 100
49 76.8 103.6 155.4#
51 41.2 33.8 50.6
86 49.8 49.4 74.0





#30

Chloroform

Concen: 0.607 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX037702.D

Acq: 13 Sep 2023 18:09

Instrument :

MSVOA_X

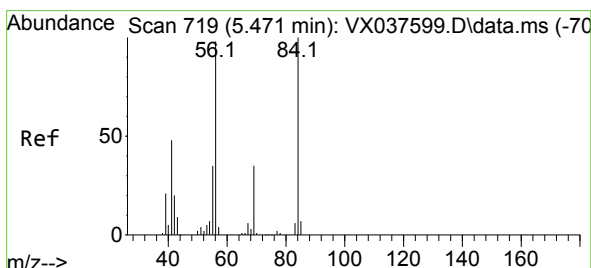
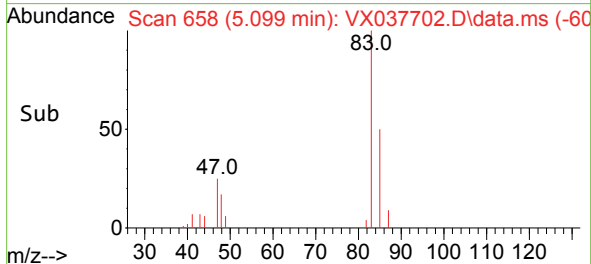
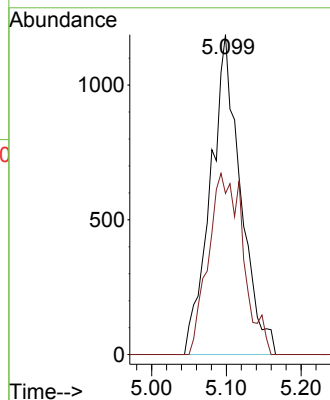
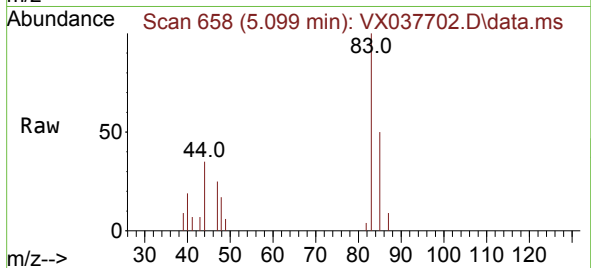
ClientSampleId :

Tgt Ion: 83 Resp: 3320

Ion Ratio Lower Upper

83 100

85 50.4 50.3 75.5



#31

Cyclohexane

Concen: 1.216 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX037702.D

Acq: 13 Sep 2023 18:09

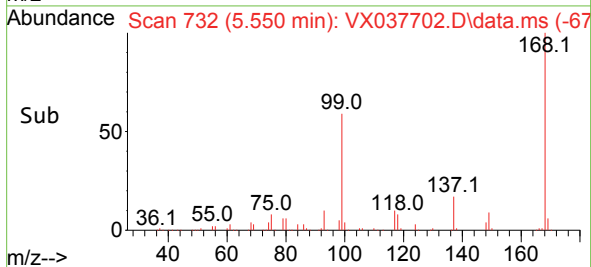
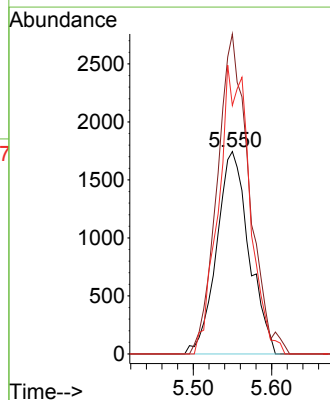
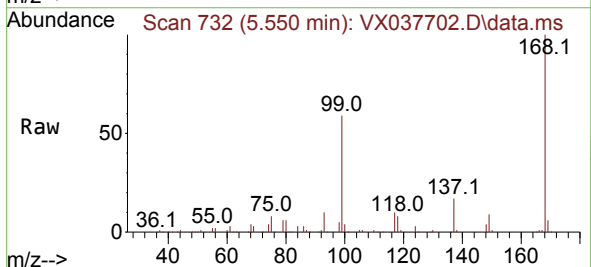
Tgt Ion: 56 Resp: 5012

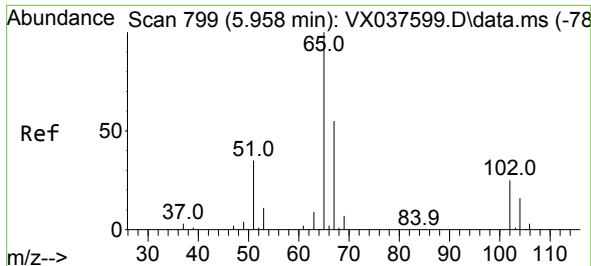
Ion Ratio Lower Upper

56 100

69 158.1 23.4 35.2#

84 122.7 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.624 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037702.D

Acq: 13 Sep 2023 18:09

Instrument :

MSVOA_X

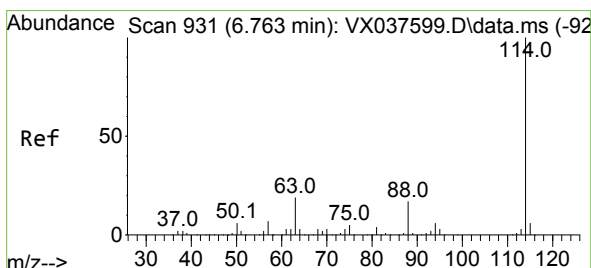
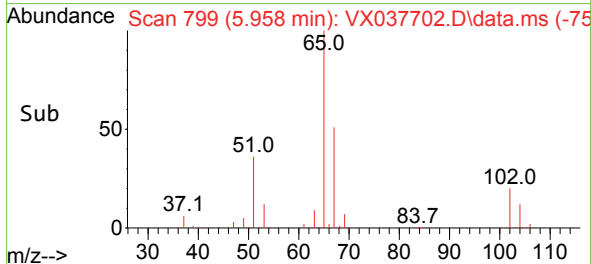
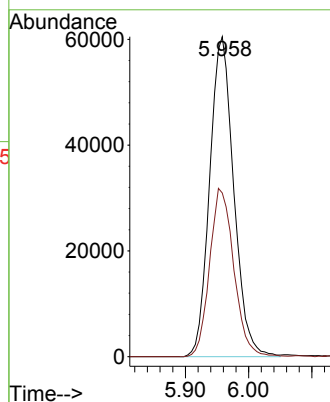
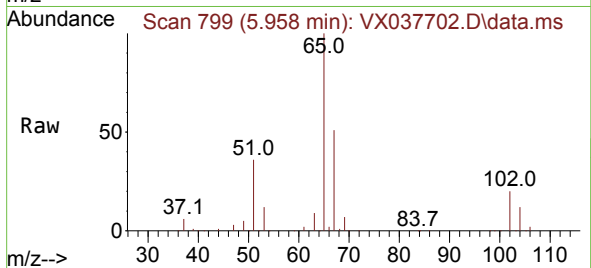
ClientSampleId :

Tgt Ion: 65 Resp: 159754

Ion Ratio Lower Upper

65 100

67 52.9 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: VX037702.D

Acq: 13 Sep 2023 18:09

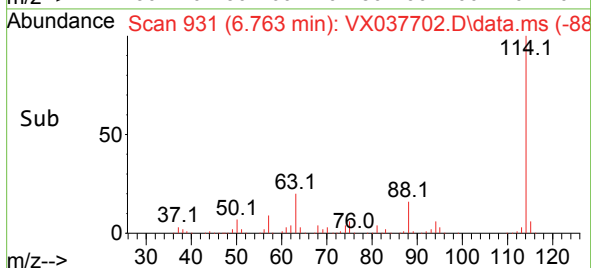
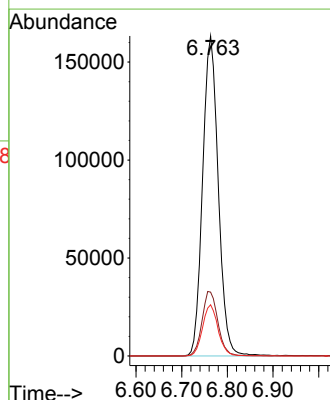
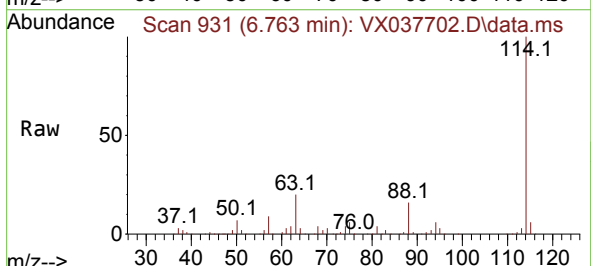
Tgt Ion:114 Resp: 387931

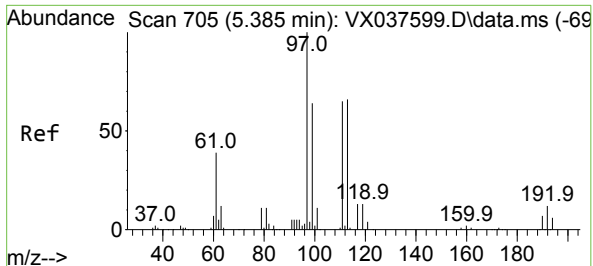
Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.0

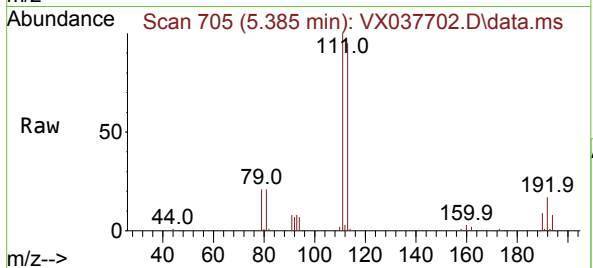
88 16.0 0.0 36.6



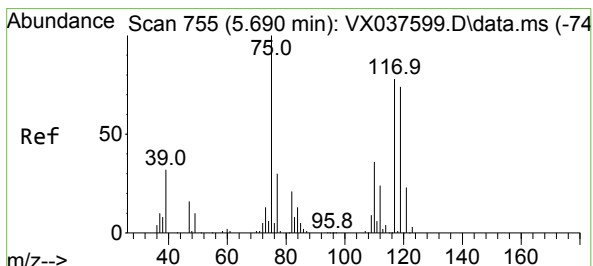
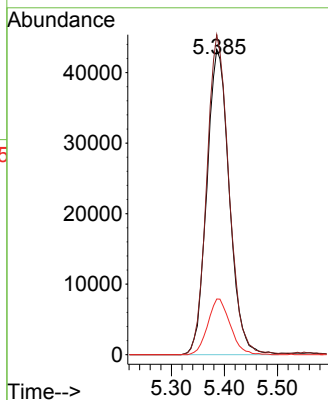
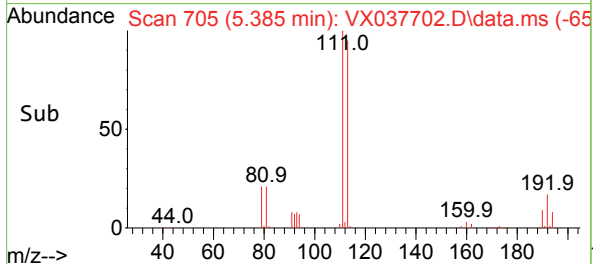


#35
Dibromofluoromethane
Concen: 46.313 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037702.D
Acq: 13 Sep 2023 18:09

Instrument :
MSVOA_X
ClientSampleId :

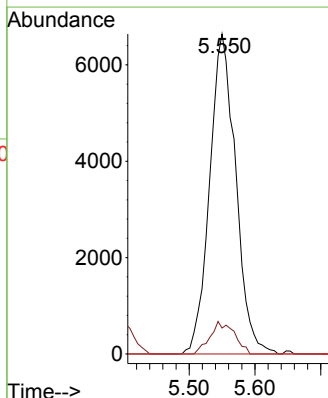
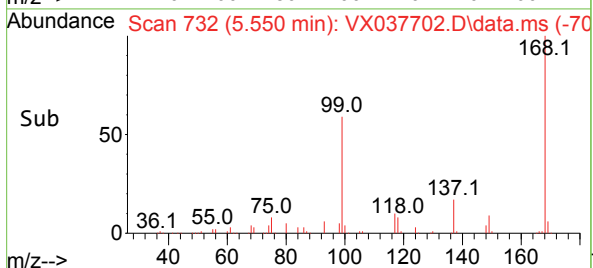
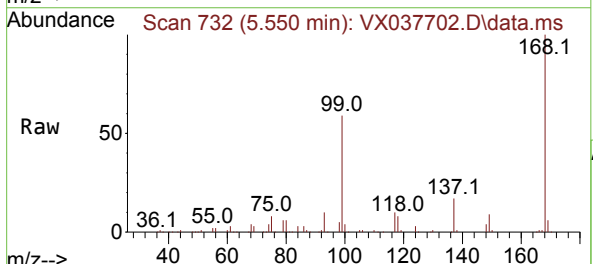


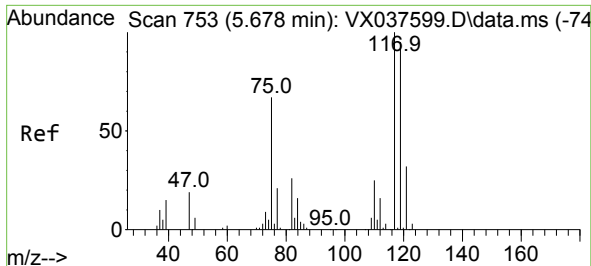
Tgt Ion:113 Resp: 127348
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 18.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.901 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX037702.D
Acq: 13 Sep 2023 18:09

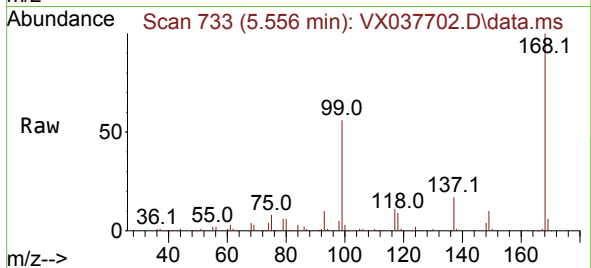
Tgt Ion: 75 Resp: 18334
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



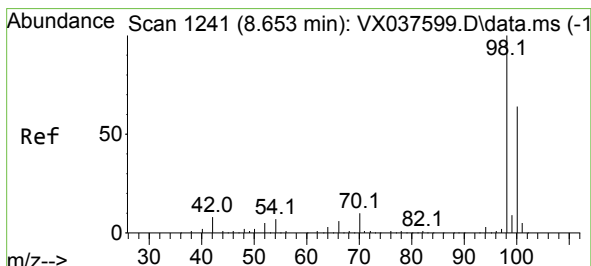
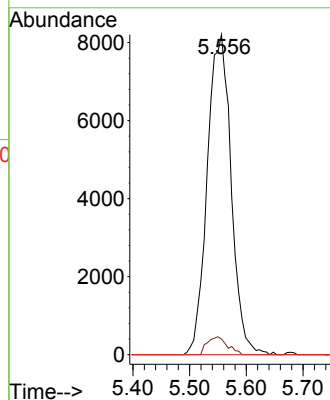
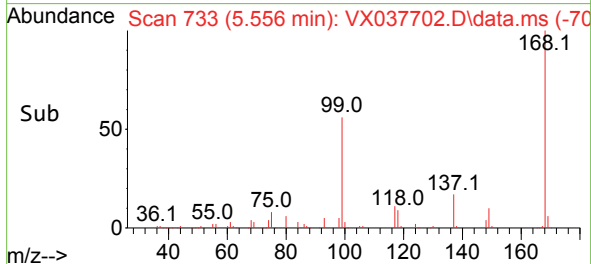


#38
Carbon Tetrachloride
Concen: 6.284 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037702.D
Acq: 13 Sep 2023 18:09

Instrument :
MSVOA_X
ClientSampleId :

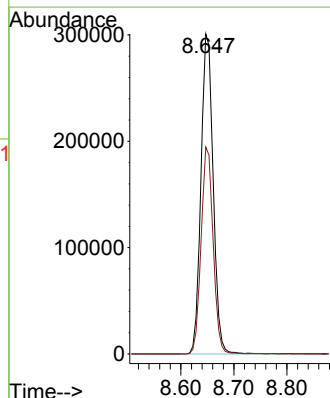
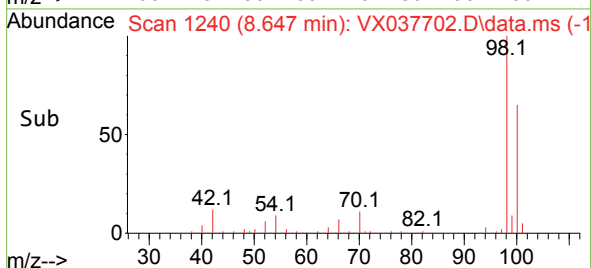
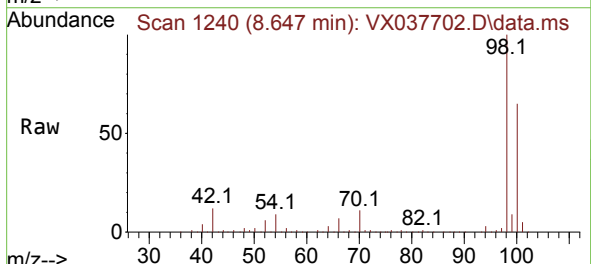


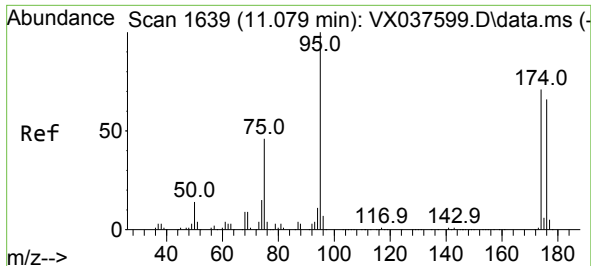
Tgt Ion:117 Resp: 24014
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.323 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX037702.D
Acq: 13 Sep 2023 18:09

Tgt Ion: 98 Resp: 480384
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

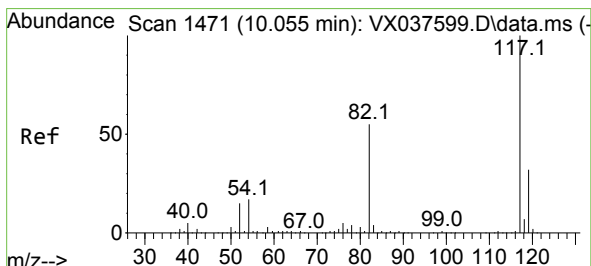
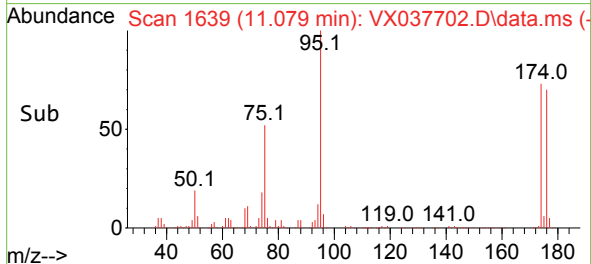
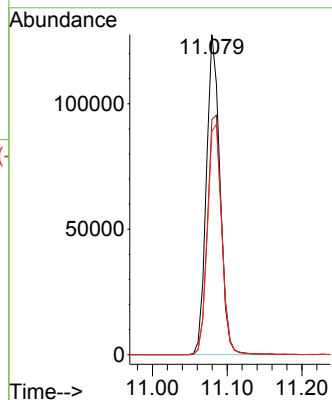
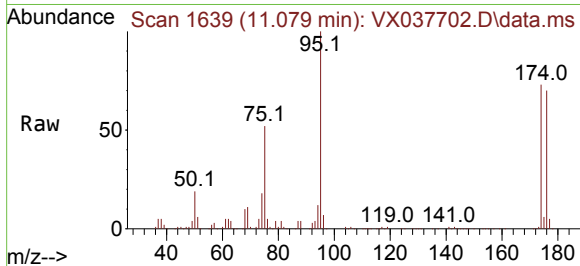




#62
4-Bromofluorobenzene
Concen: 43.022 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037702.D
Acq: 13 Sep 2023 18:09

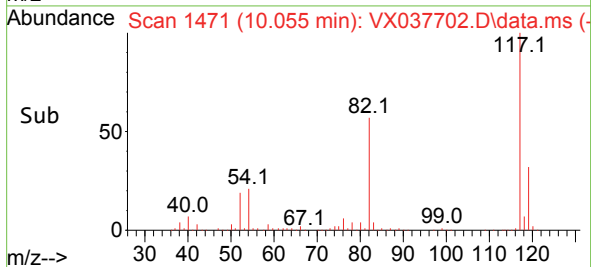
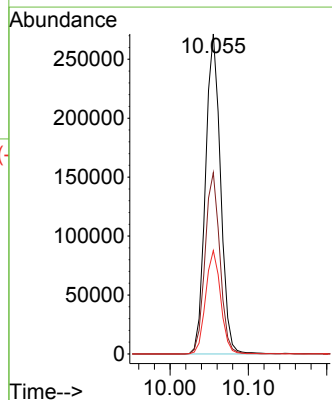
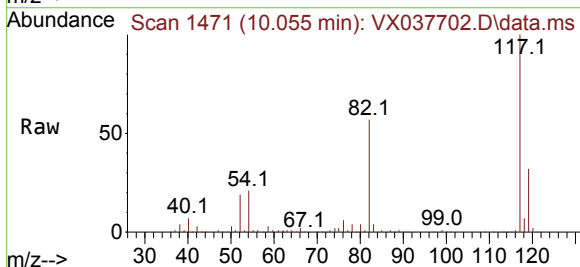
Instrument :
MSVOA_X
ClientSampleId :

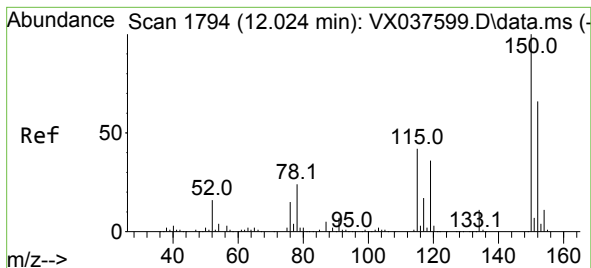
Tgt Ion: 95 Resp: 160960
Ion Ratio Lower Upper
95 100
174 79.0 0.0 135.6
176 75.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037702.D
Acq: 13 Sep 2023 18:09

Tgt Ion: 117 Resp: 361253
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.4
119 32.3 25.5 38.3

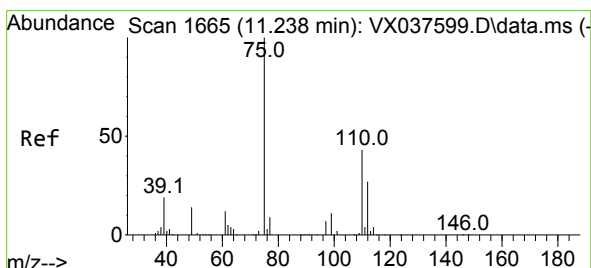
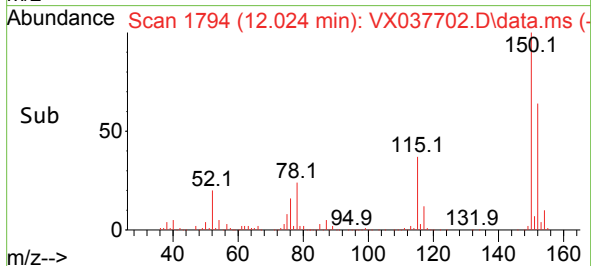
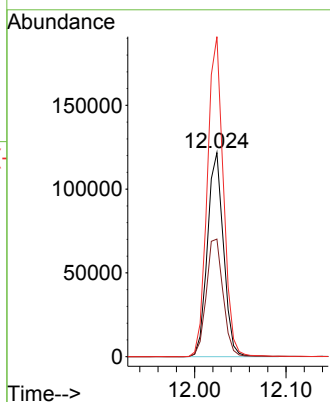
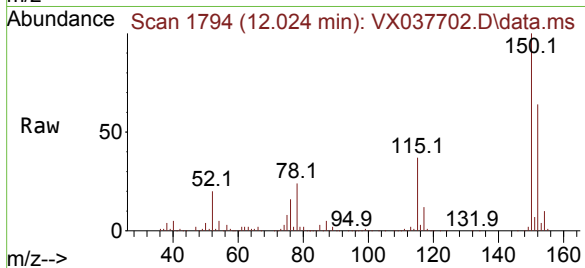




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX037702.D
 Acq: 13 Sep 2023 18:09

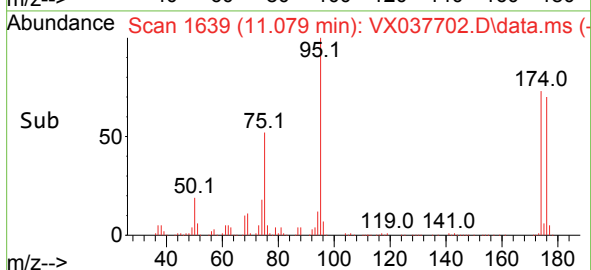
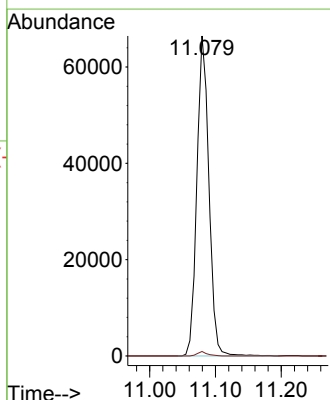
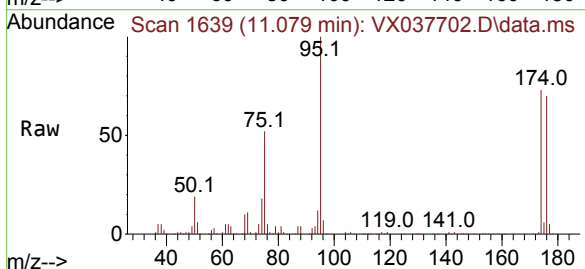
Instrument :
 MSVOA_X
 ClientSampleId :

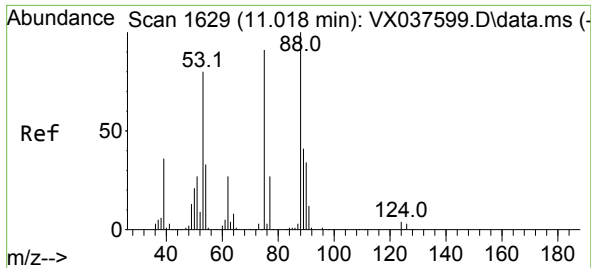
Tgt Ion:152 Resp: 148469
 Ion Ratio Lower Upper
 152 100
 115 60.5 43.3 129.9
 150 157.3 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.914 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX037702.D
 Acq: 13 Sep 2023 18:09

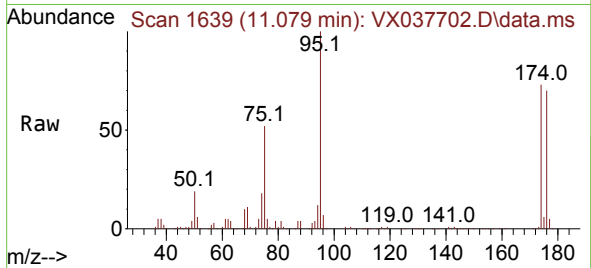
Tgt Ion: 75 Resp: 84585
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.772 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037702.D
 Acq: 13 Sep 2023 18:09

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 84585
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

