

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092223\
 Data File : VX037879.D
 Acq On : 22 Sep 2023 15:43
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 23 01:28:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

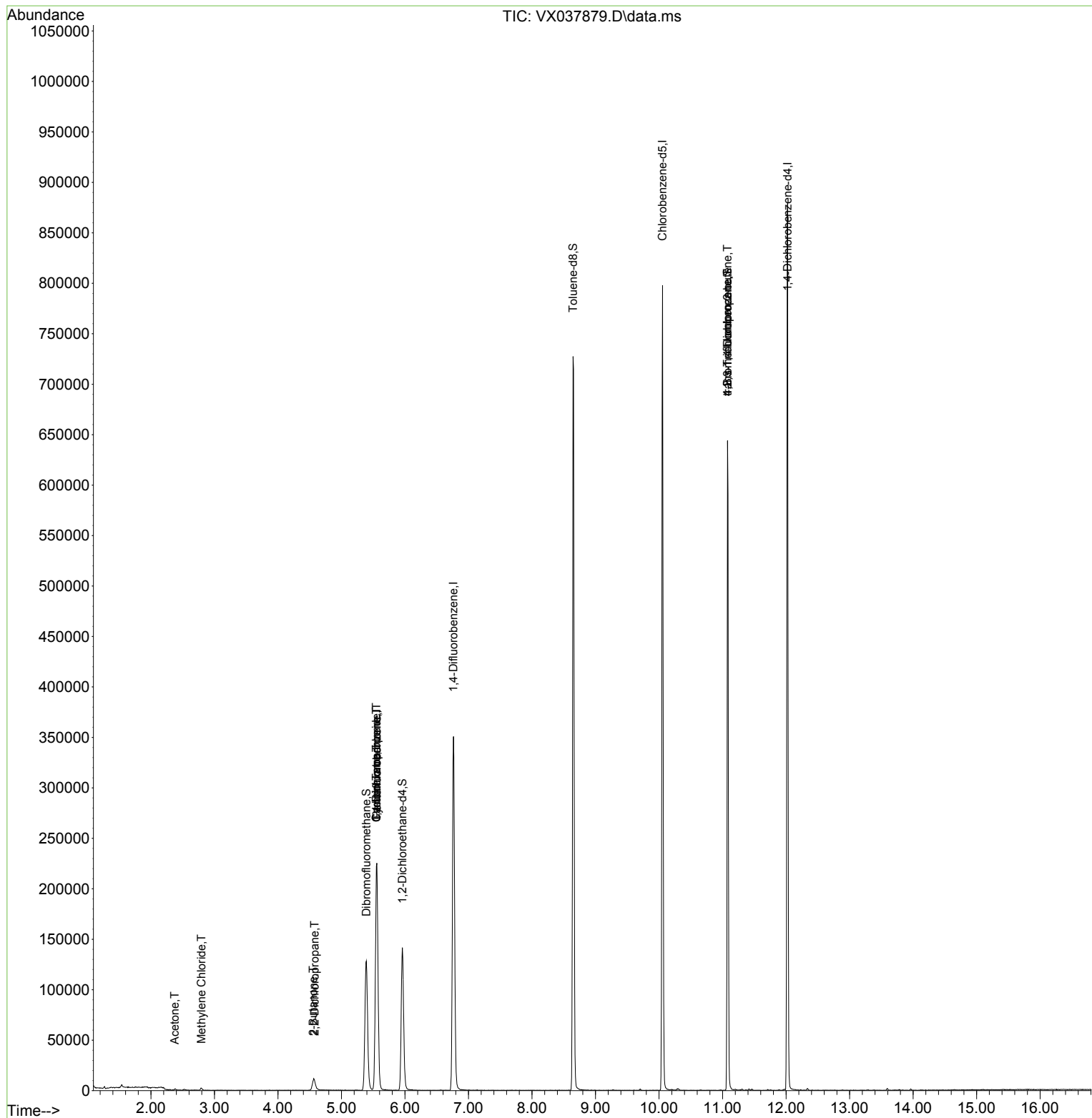
Internal Standards						
1) Pentafluorobenzene	5.556	168	216558	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	368987	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	357323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	191031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135399	47.588	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.180%
35) Dibromofluoromethane	5.391	113	114398	46.335	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.680%
50) Toluene-d8	8.647	98	449816	49.034	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.060%
62) 4-Bromofluorobenzene	11.079	95	169839	50.949	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.900%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	1228	0.897	ug/l	94
20) Methylene Chloride	2.794	84	1129	0.421	ug/l	# 59
25) 2-Butanone	4.556	43	545	0.282	ug/l	# 51
26) 2,2-Dichloropropane	4.574	77	910	0.256	ug/l	# 54
31) Cyclohexane	5.550	56	4592	1.257	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	16642	4.893	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	22524	6.330	ug/l	# 15
76) 1,2,3-Trichloropropane	11.079	75	86789	19.643	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	86789	62.923	ug/l	# 5

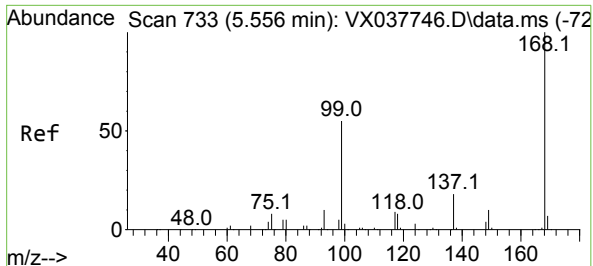
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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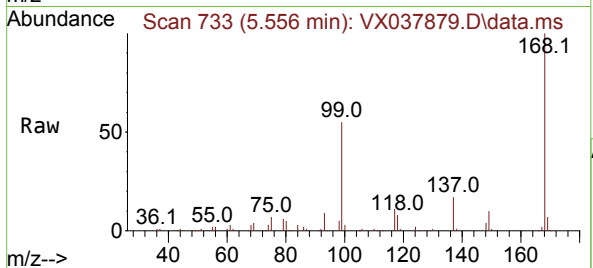
Quant Time: Sep 23 01:28:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
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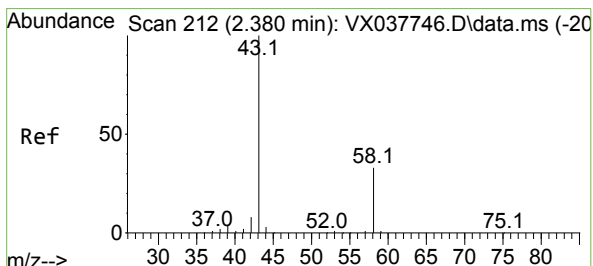
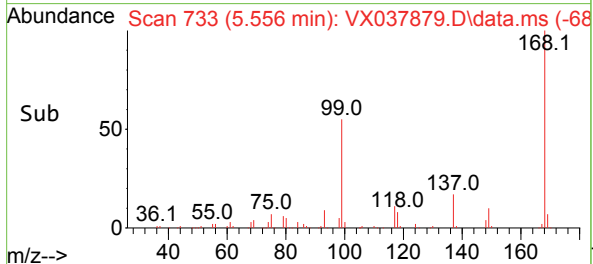
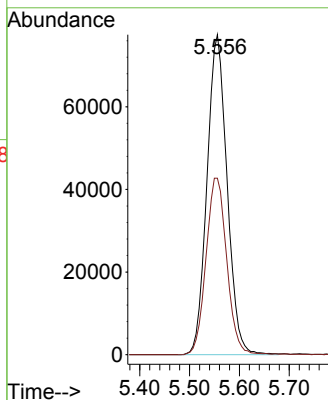


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037879.D
Acq: 22 Sep 2023 15:43

Instrument :
MSVOA_X
ClientSampleId :

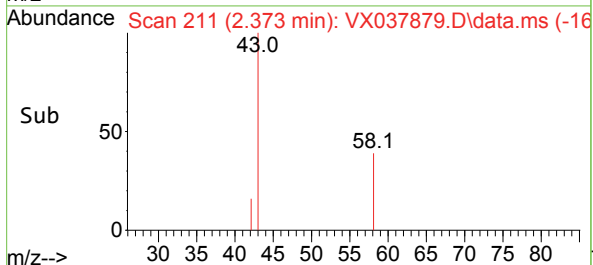
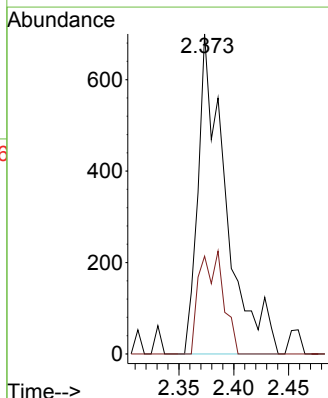
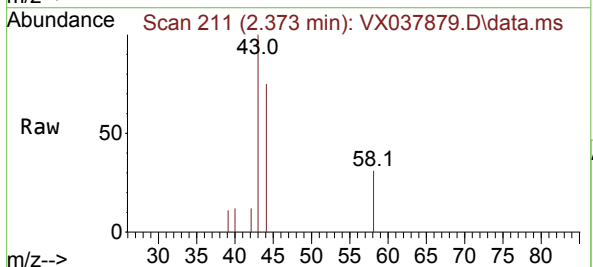


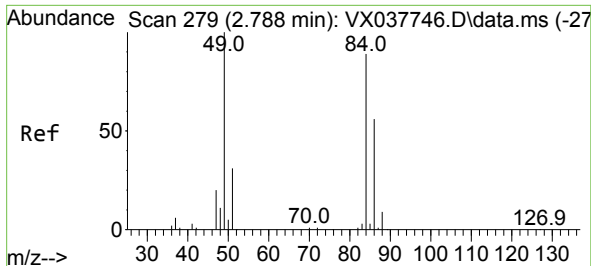
Tgt Ion:168 Resp: 216558
Ion Ratio Lower Upper
168 100
99 55.1 56.6 85.0#



#16
Acetone
Concen: 0.897 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX037879.D
Acq: 22 Sep 2023 15:43

Tgt Ion: 43 Resp: 1228
Ion Ratio Lower Upper
43 100
58 30.6 21.9 32.9





#20

Methylene Chloride

Concen: 0.421 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

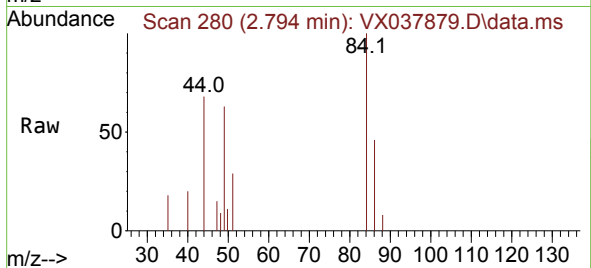
Lab File: VX037879.D

Acq: 22 Sep 2023 15:43

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 1129

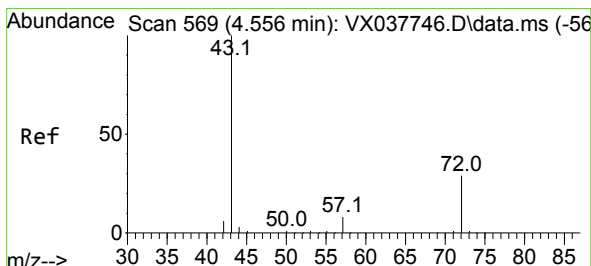
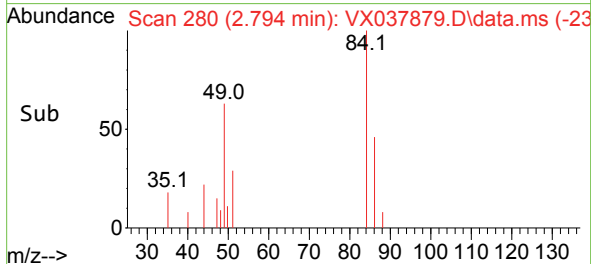
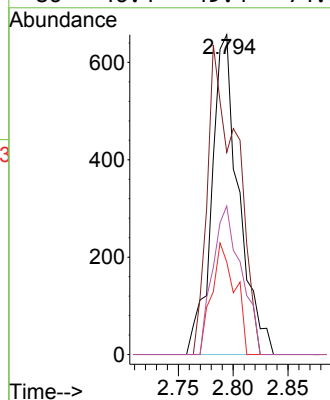
Ion Ratio Lower Upper

84 100

49 63.2 103.6 155.4#

51 28.9 33.8 50.6#

86 46.4 49.4 74.0#



#25

2-Butanone

Concen: 0.282 ug/l

RT: 4.556 min Scan# 569

Delta R.T. -0.012 min

Lab File: VX037879.D

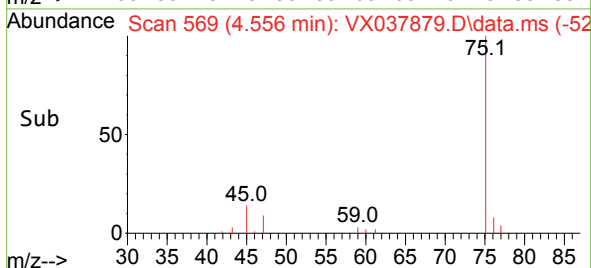
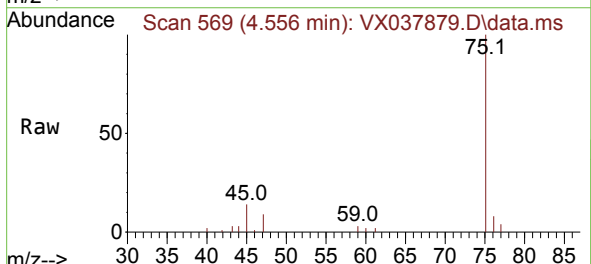
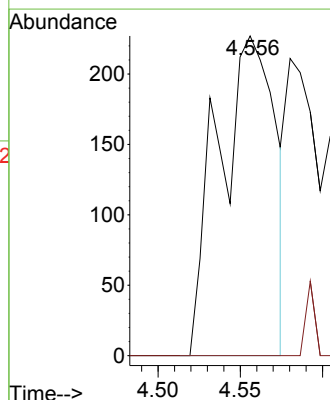
Acq: 22 Sep 2023 15:43

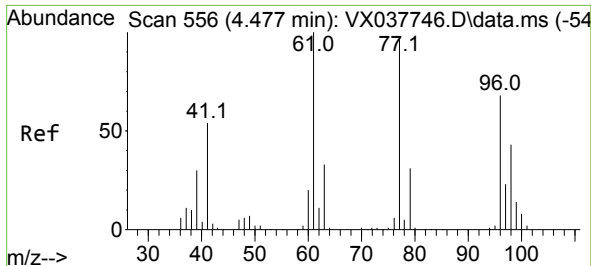
Tgt Ion: 43 Resp: 545

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#





#26

2,2-Dichloropropane

Concen: 0.256 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.097 min

Lab File: VX037879.D

Acq: 22 Sep 2023 15:43

Instrument :

MSVOA_X

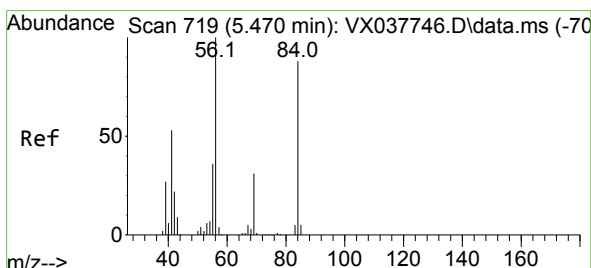
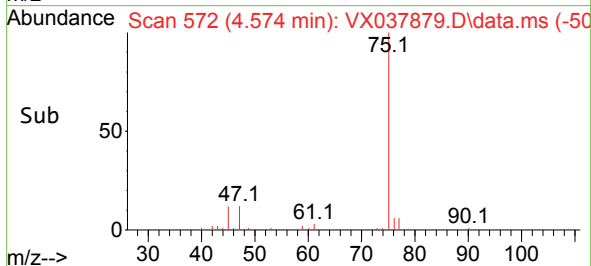
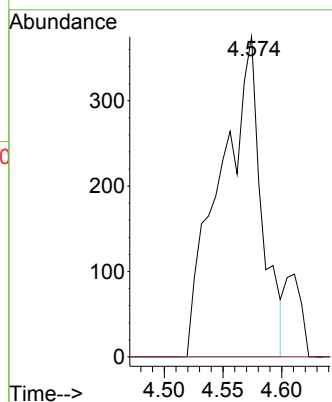
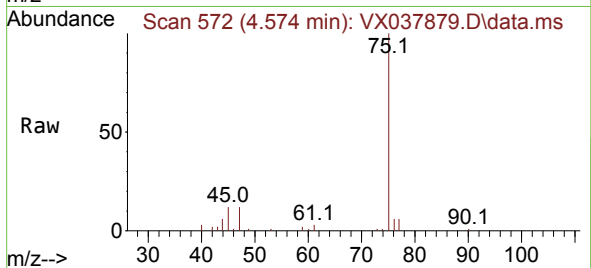
ClientSampleId :

Tgt Ion: 77 Resp: 910

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#



#31

Cyclohexane

Concen: 1.257 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX037879.D

Acq: 22 Sep 2023 15:43

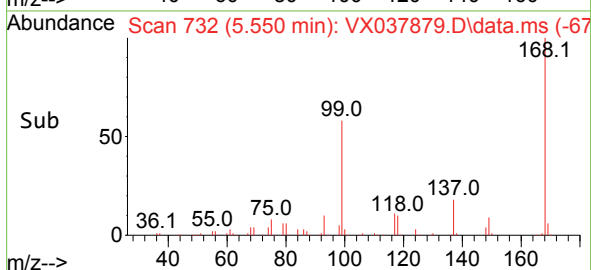
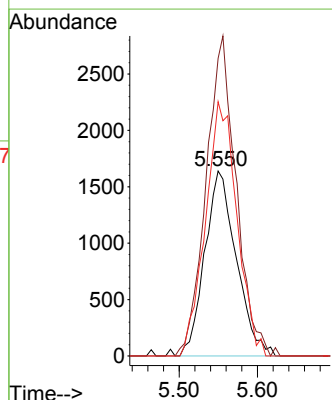
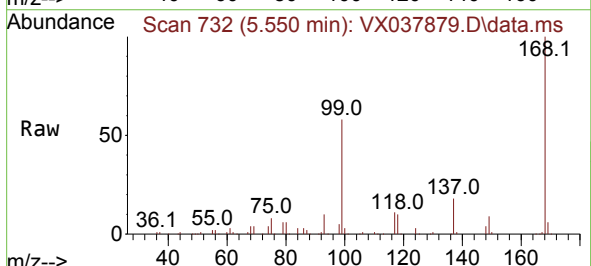
Tgt Ion: 56 Resp: 4592

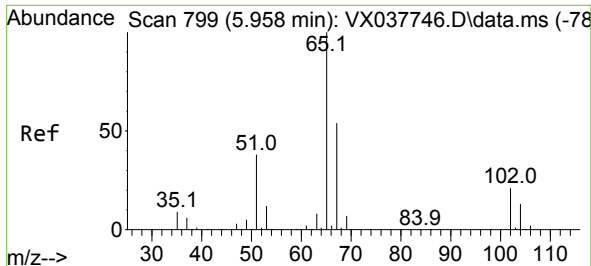
Ion Ratio Lower Upper

56 100

69 160.9 23.4 35.2#

84 137.4 65.9 98.9#

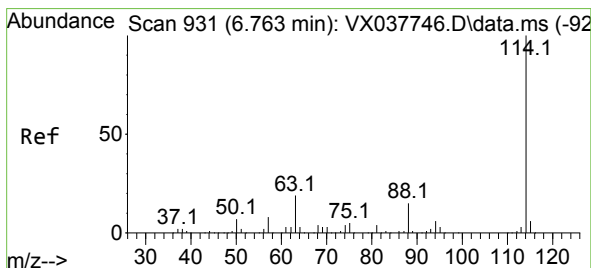
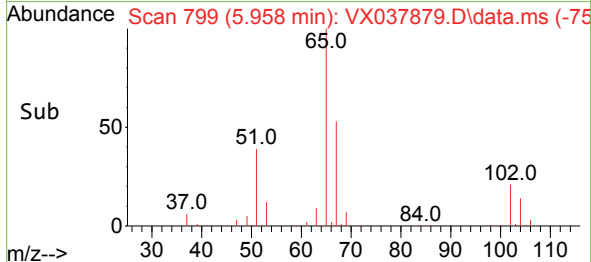
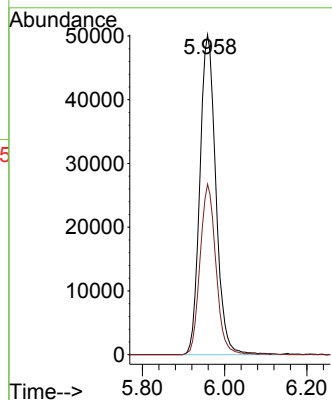
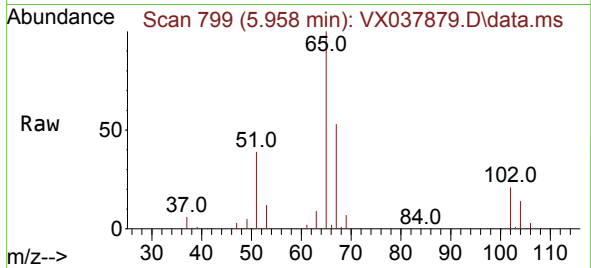




#33
1,2-Dichloroethane-d4
Concen: 47.588 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037879.D
Acq: 22 Sep 2023 15:43

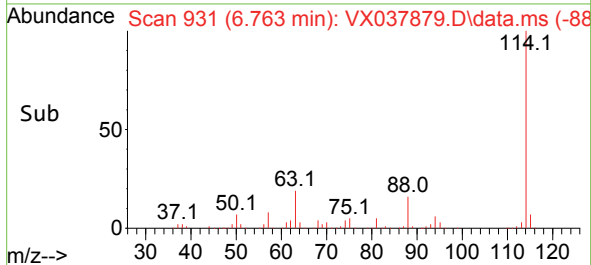
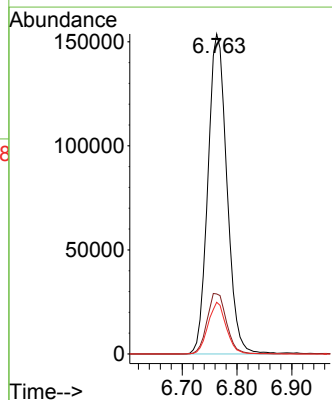
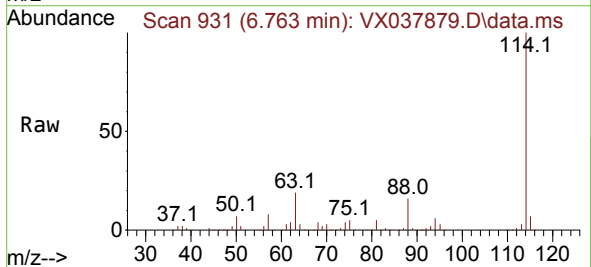
Instrument :
MSVOA_X
ClientSampleId :

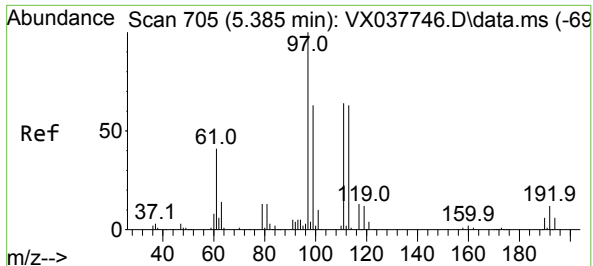
Tgt Ion: 65 Resp: 135399
Ion Ratio Lower Upper
65 100
67 52.8 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037879.D
Acq: 22 Sep 2023 15:43

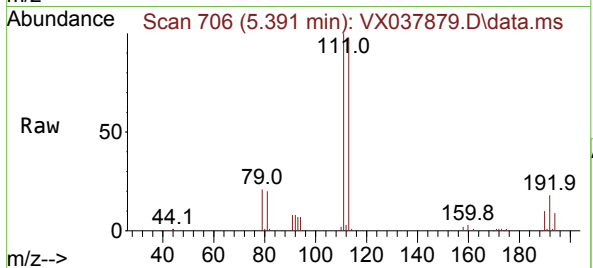
Tgt Ion: 114 Resp: 368987
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 16.1 0.0 36.6



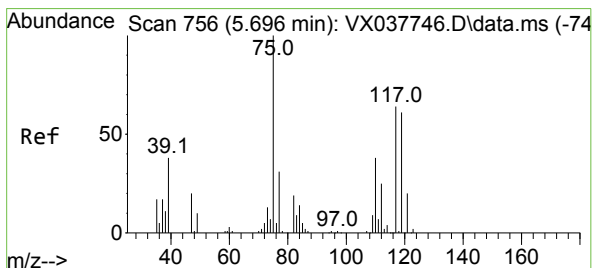
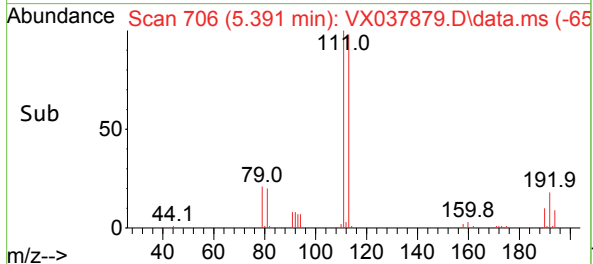
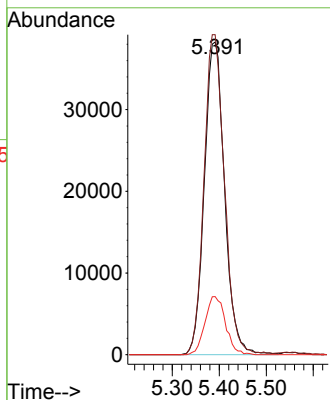


#35
Dibromofluoromethane
Concen: 46.335 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037879.D
Acq: 22 Sep 2023 15:43

Instrument :
MSVOA_X
ClientSampleId :

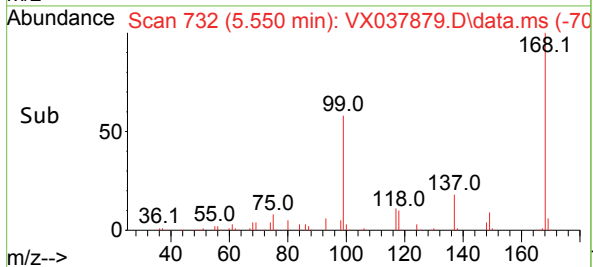
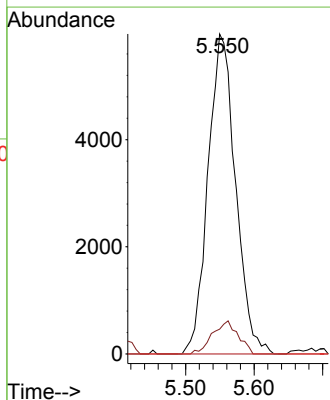
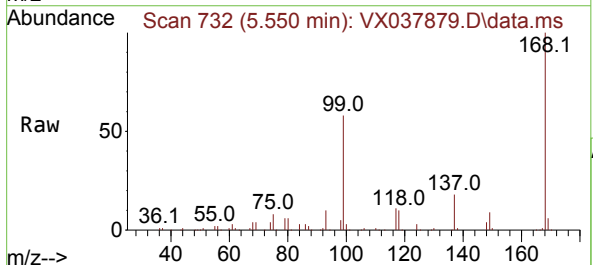


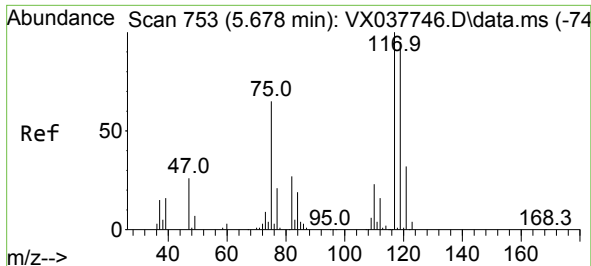
Tgt Ion:113 Resp: 114398
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.893 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037879.D
Acq: 22 Sep 2023 15:43

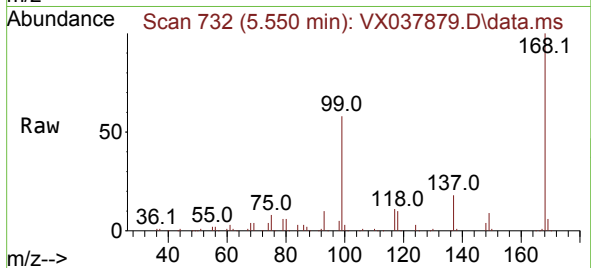
Tgt Ion: 75 Resp: 16642
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



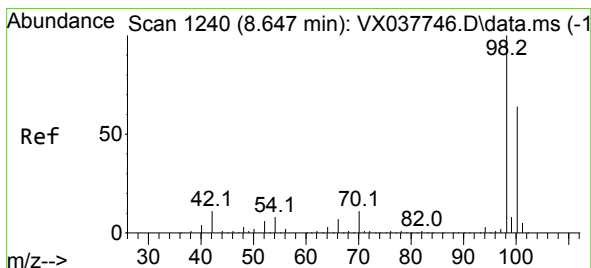
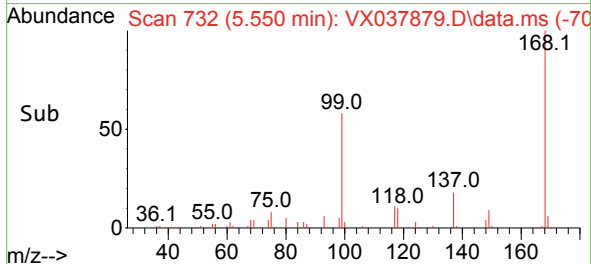
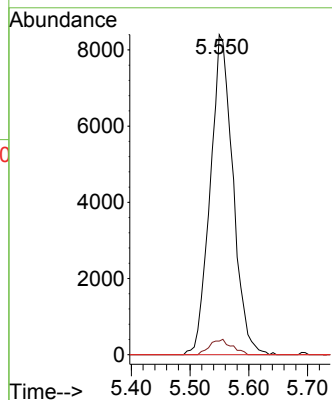


#38
Carbon Tetrachloride
Concen: 6.330 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037879.D
Acq: 22 Sep 2023 15:43

Instrument :
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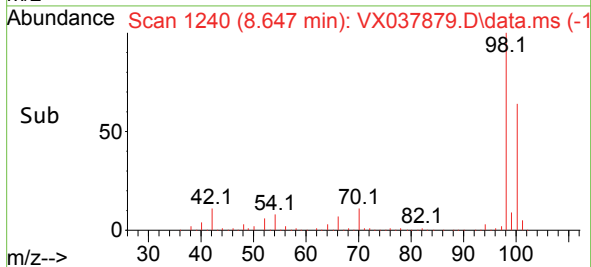
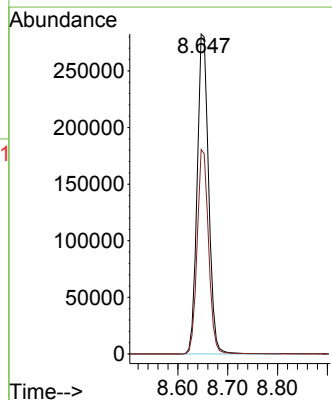
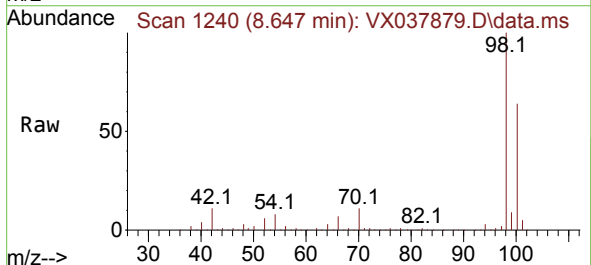


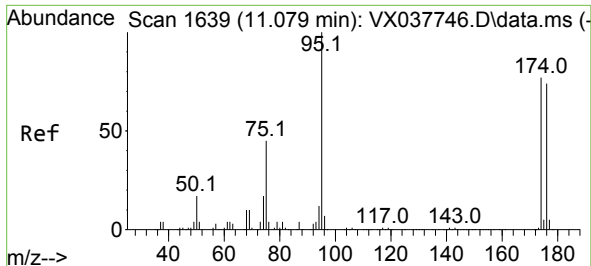
Tgt Ion:117 Resp: 22524
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.034 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037879.D
Acq: 22 Sep 2023 15:43

Tgt Ion: 98 Resp: 449816
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

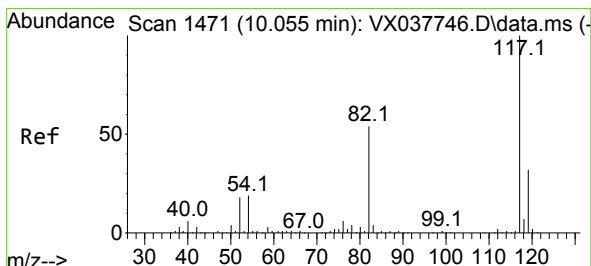
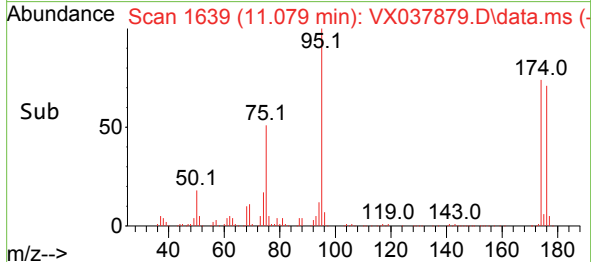
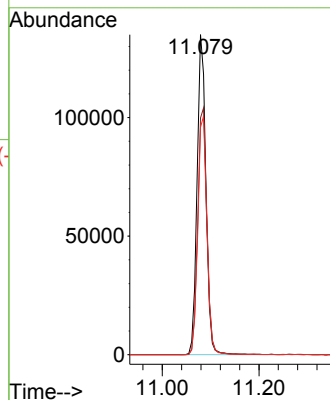
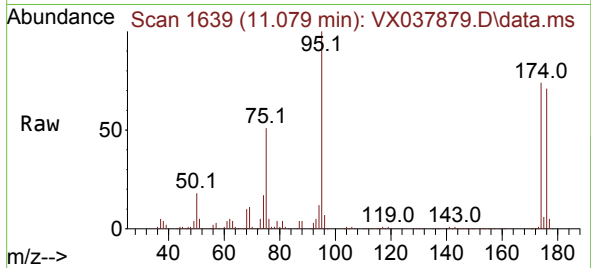




#62
4-Bromofluorobenzene
Concen: 50.949 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037879.D
Acq: 22 Sep 2023 15:43

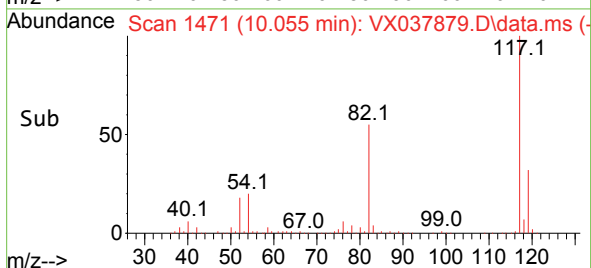
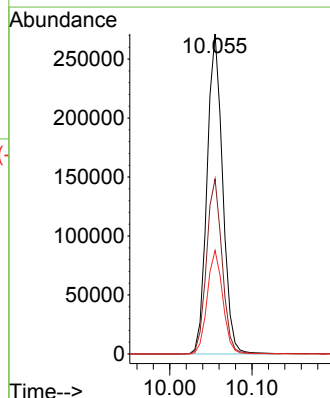
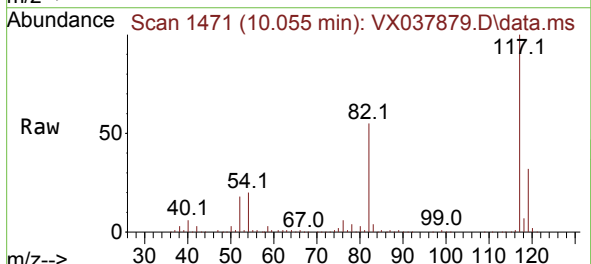
Instrument :
MSVOA_X
ClientSampleId :

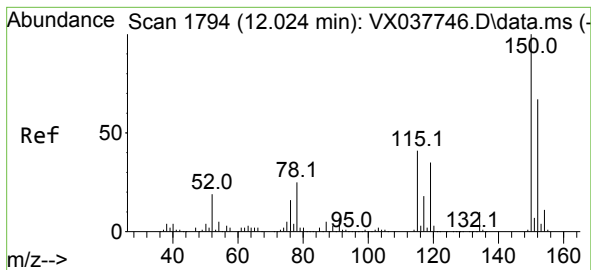
Tgt Ion: 95 Resp: 169839
Ion Ratio Lower Upper
95 100
174 80.9 0.0 135.6
176 77.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037879.D
Acq: 22 Sep 2023 15:43

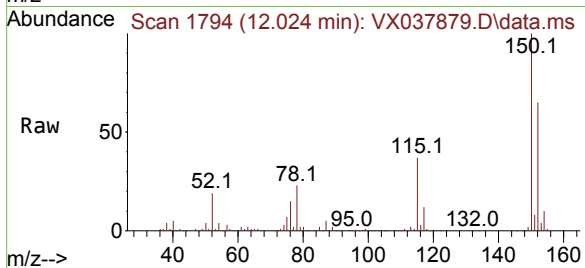
Tgt Ion: 117 Resp: 357323
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.3 25.5 38.3



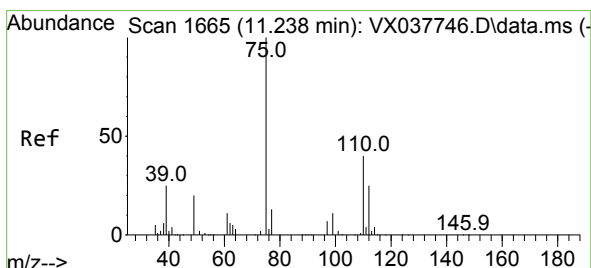
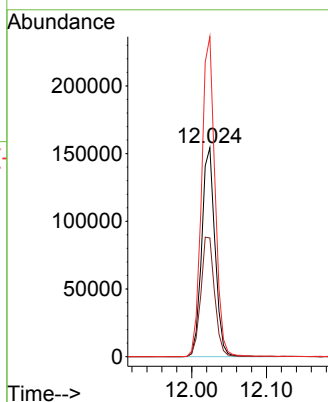
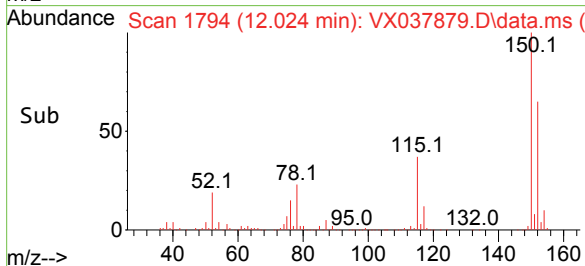


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037879.D
 Acq: 22 Sep 2023 15:43

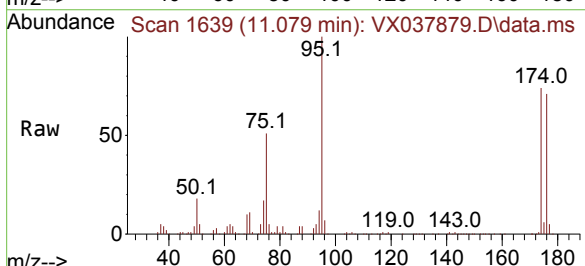
Instrument :
 MSVOA_X
 ClientSampleId :



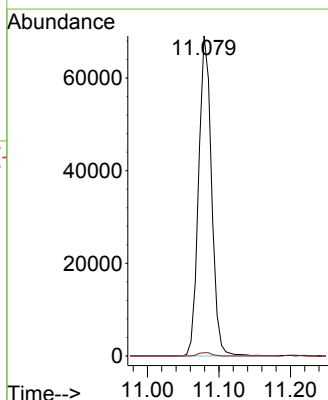
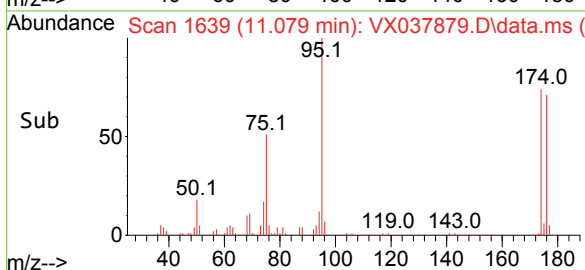
Tgt Ion:152 Resp: 191031
 Ion Ratio Lower Upper
 152 100
 115 59.3 43.3 129.9
 150 154.9 0.0 345.0

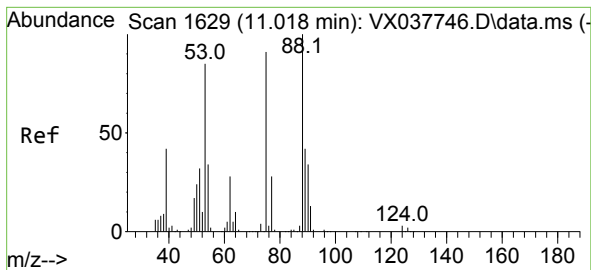


#76
 1,2,3-Trichloropropane
 Concen: 19.643 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037879.D
 Acq: 22 Sep 2023 15:43



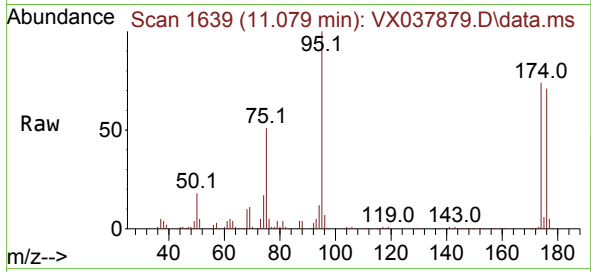
Tgt Ion: 75 Resp: 86789
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.923 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037879.D
 Acq: 22 Sep 2023 15:43

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 86789
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

