

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
 Data File : VX037785.D
 Acq On : 18 Sep 2023 18:46
 Operator : JC/MD
 Sample : 04475-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 19 07:24:55 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)

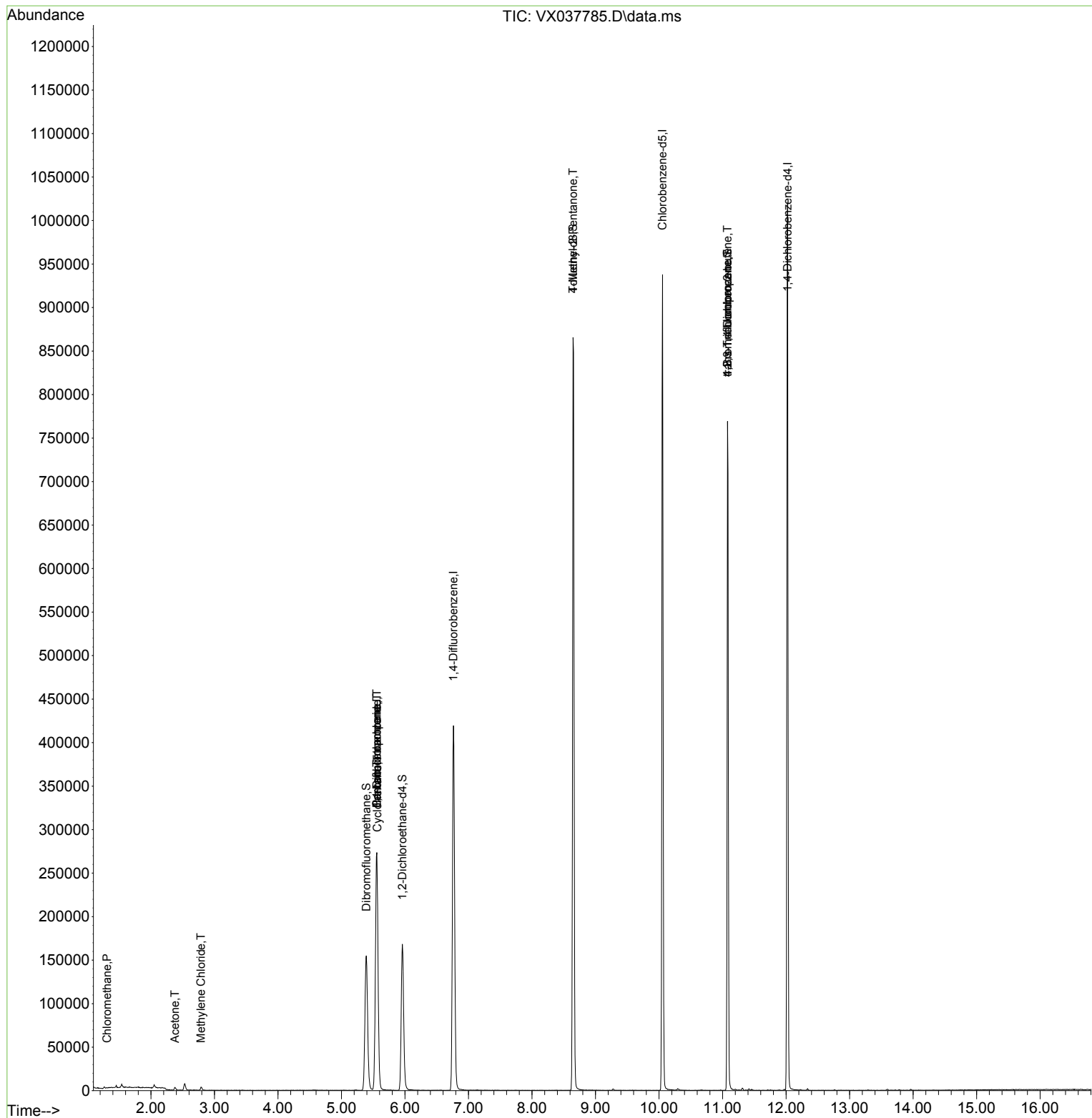
Internal Standards						
1) Pentafluorobenzene	5.556	168	264141	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	446796	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	424669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	219131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	161899	46.651	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.300%
35) Dibromofluoromethane	5.391	113	138320	46.268	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.540%
50) Toluene-d8	8.647	98	542679	48.855	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.700%
62) 4-Bromofluorobenzene	11.079	95	205395	50.885	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.780%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	773	0.255	ug/l	# 83
16) Acetone	2.380	43	3323	1.990	ug/l	# 89
20) Methylene Chloride	2.788	84	1824	0.566	ug/l	# 77
31) Cyclohexane	5.562	56	5659	1.270	ug/l	# 39
36) 1,1-Dichloropropene	5.556	75	20390	4.951	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	26467	6.142	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	2401	0.523	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	104055	20.531	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	104055	65.767	ug/l	# 5

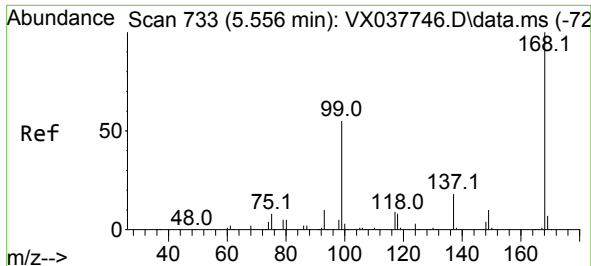
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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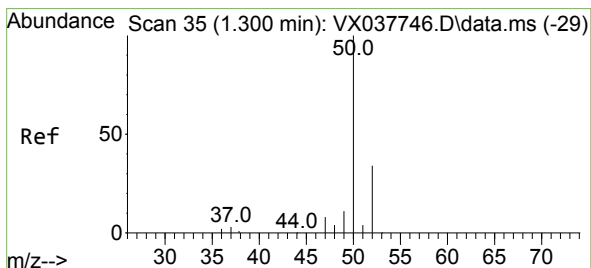
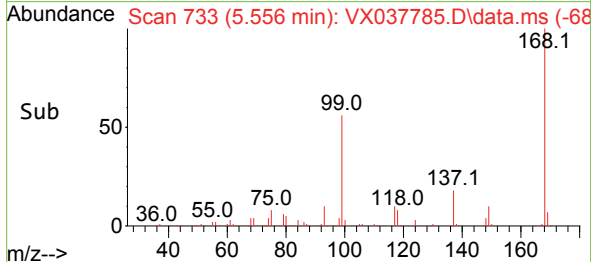
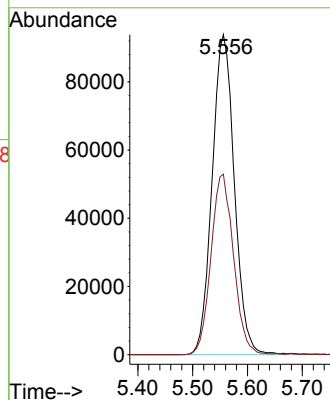
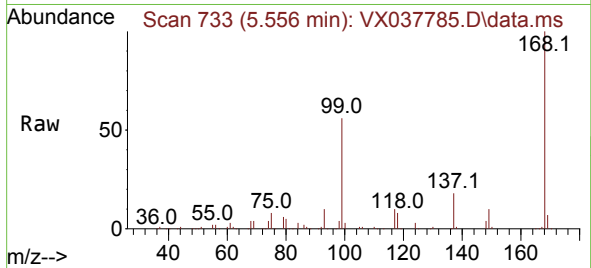




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037785.D
Acq: 18 Sep 2023 18:46

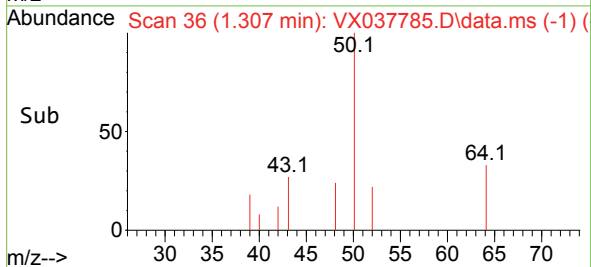
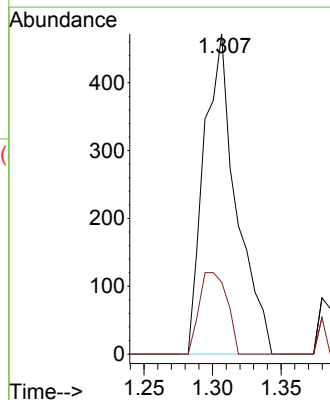
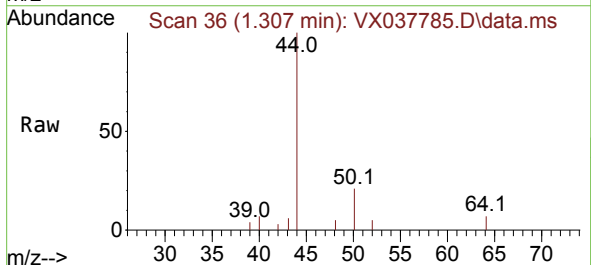
Instrument :
MSVOA_X
ClientSampleId :

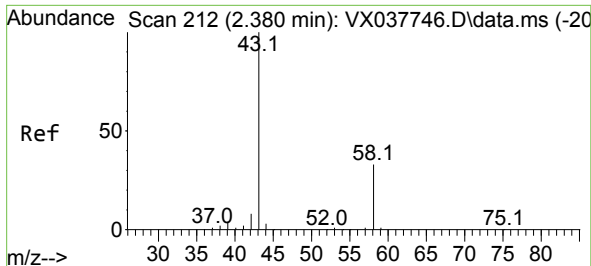
Tgt Ion:168 Resp: 264141
Ion Ratio Lower Upper
168 100
99 56.4 56.6 85.0#



#3
Chloromethane
Concen: 0.255 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX037785.D
Acq: 18 Sep 2023 18:46

Tgt Ion: 50 Resp: 773
Ion Ratio Lower Upper
50 100
52 22.5 25.5 38.3#





#16

Acetone

Concen: 1.990 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

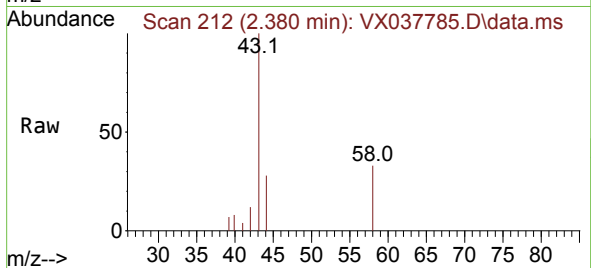
Lab File: VX037785.D

Acq: 18 Sep 2023 18:46

Instrument :

MSVOA_X

ClientSampleId :

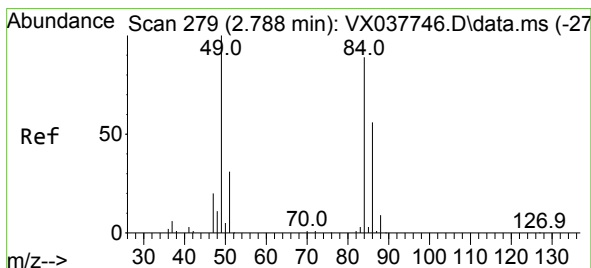
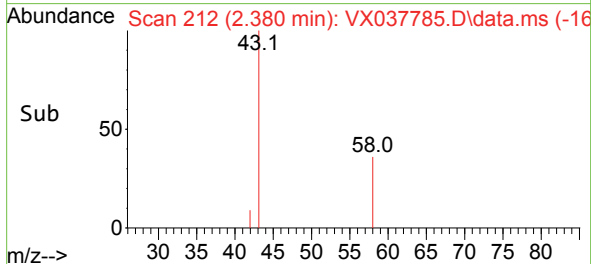
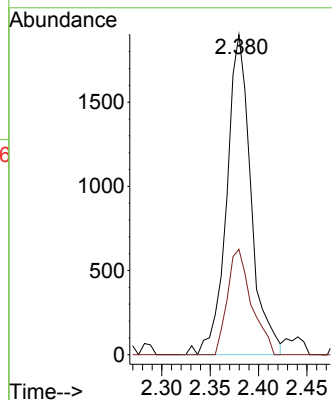


Tgt Ion: 43 Resp: 3323

Ion Ratio Lower Upper

43 100

58 32.9 21.9 32.9#



#20

Methylene Chloride

Concen: 0.566 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX037785.D

Acq: 18 Sep 2023 18:46

Tgt Ion: 84 Resp: 1824

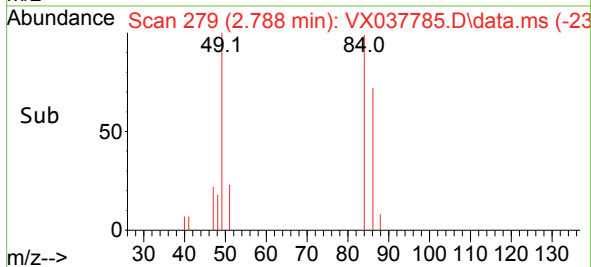
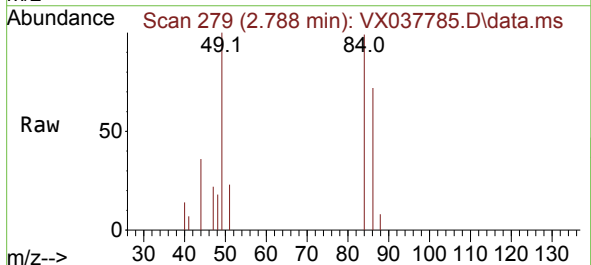
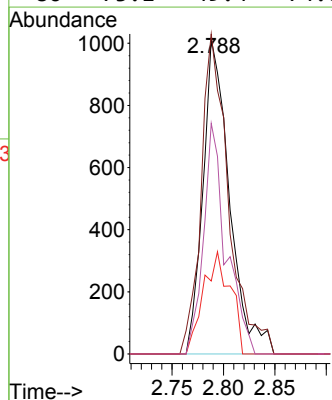
Ion Ratio Lower Upper

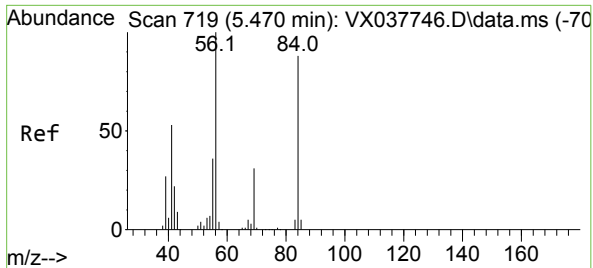
84 100

49 101.5 103.6 155.4#

51 23.2 33.8 50.6#

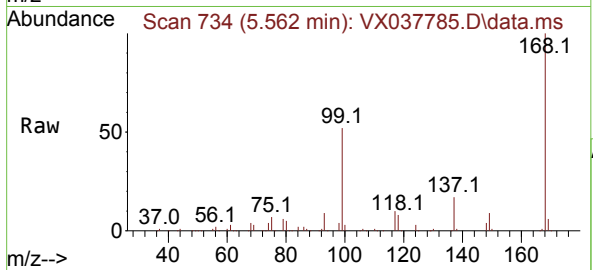
86 73.1 49.4 74.0



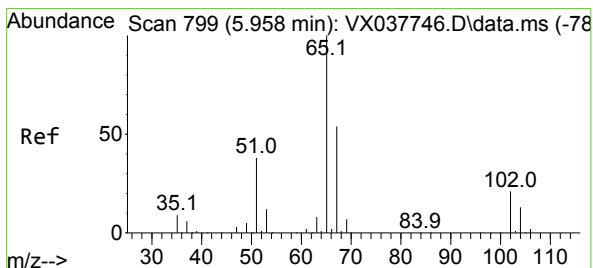
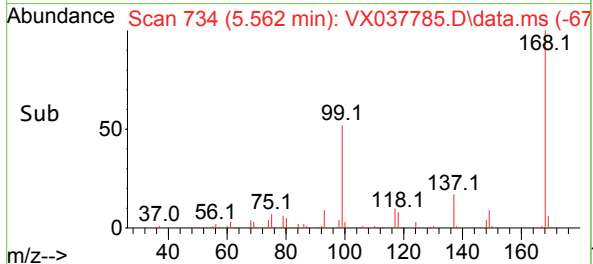
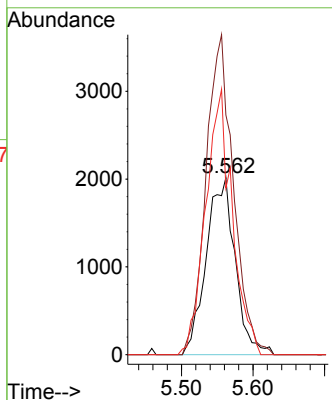


#31
Cyclohexane
Concen: 1.270 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX037785.D
Acq: 18 Sep 2023 18:46

Instrument :
MSVOA_X
ClientSampleId :

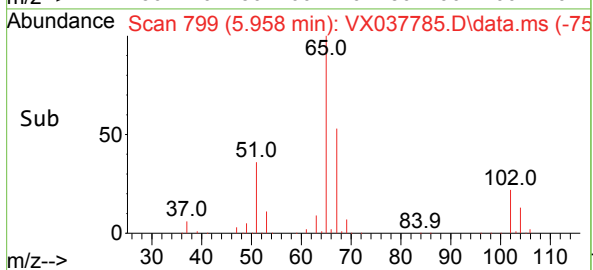
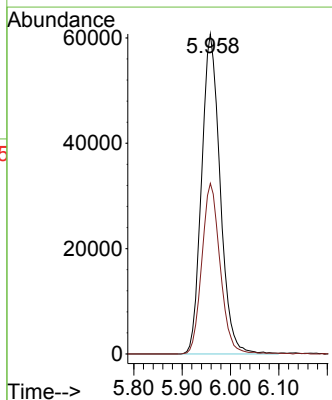
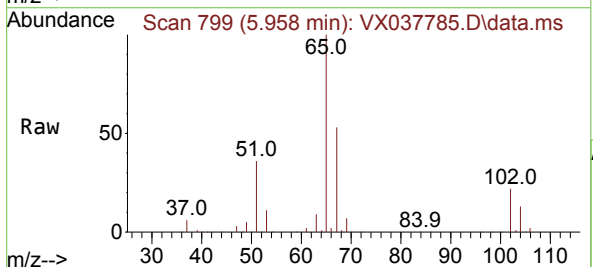


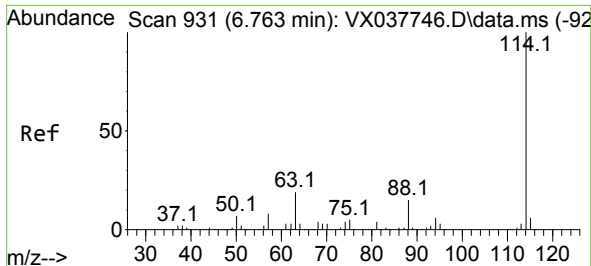
Tgt Ion: 56 Resp: 5659
Ion Ratio Lower Upper
56 100
69 135.4 23.4 35.2#
84 94.1 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 46.651 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037785.D
Acq: 18 Sep 2023 18:46

Tgt Ion: 65 Resp: 161899
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2

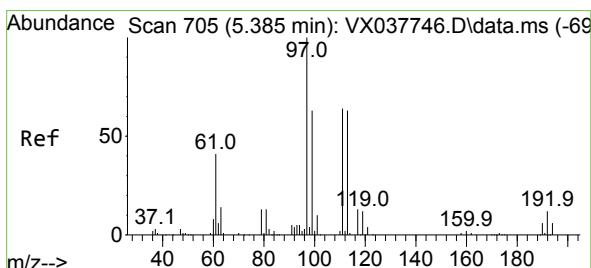
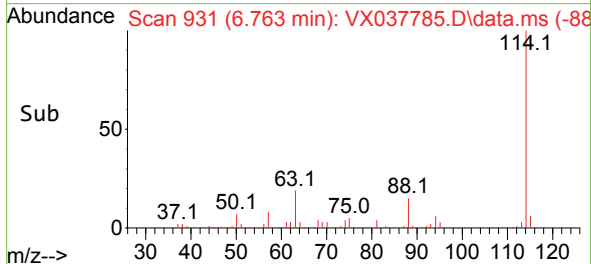
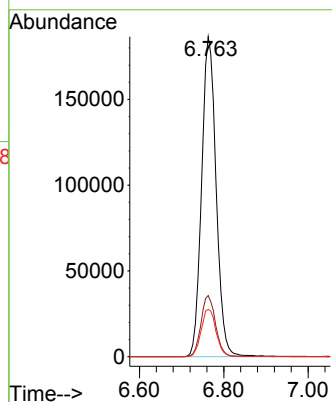
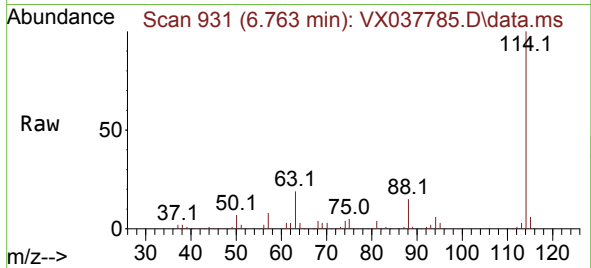




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037785.D
Acq: 18 Sep 2023 18:46

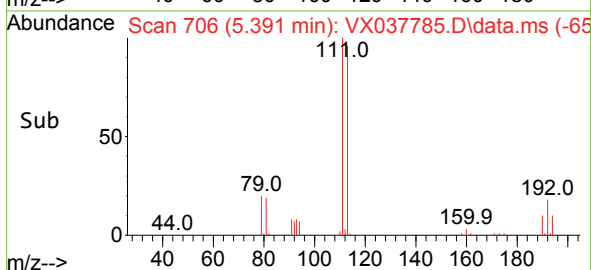
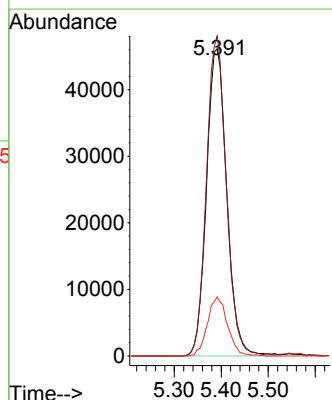
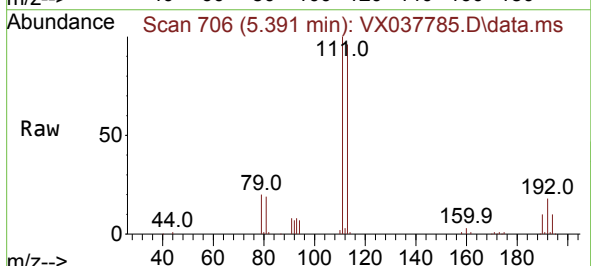
Instrument :
MSVOA_X
ClientSampleId :

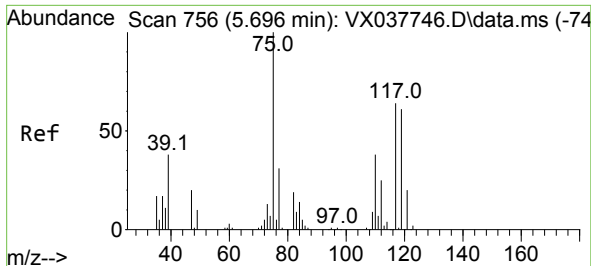
Tgt Ion:114 Resp: 446796
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.268 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037785.D
Acq: 18 Sep 2023 18:46

Tgt Ion:113 Resp: 138320
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 19.0 13.3 19.9

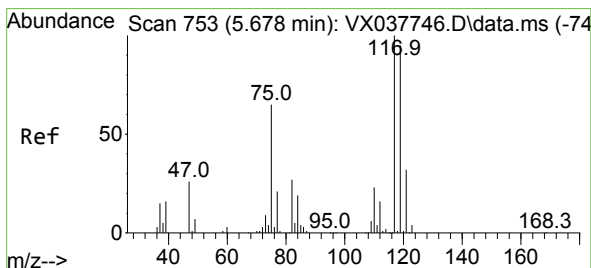
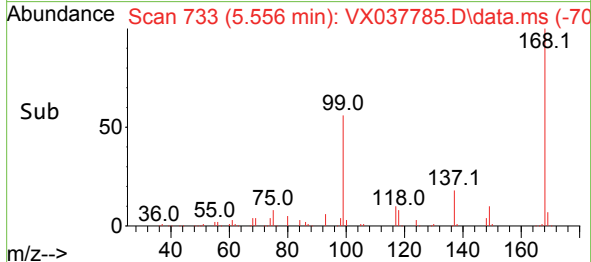
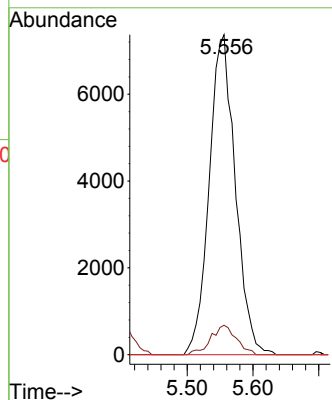
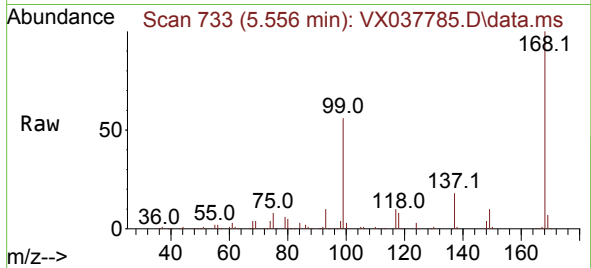




#36
1,1-Dichloropropene
Concen: 4.951 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX037785.D
Acq: 18 Sep 2023 18:46

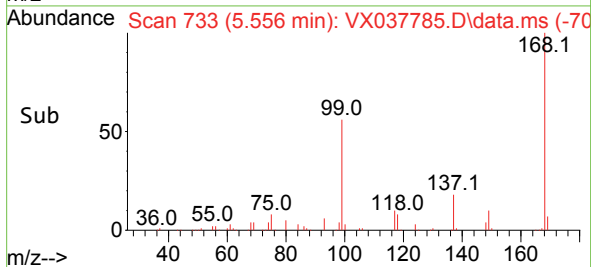
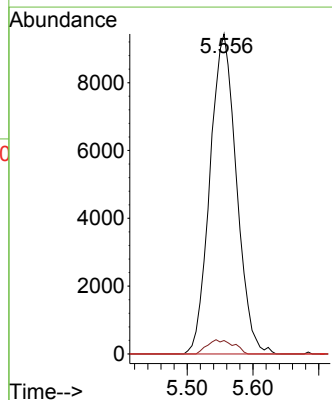
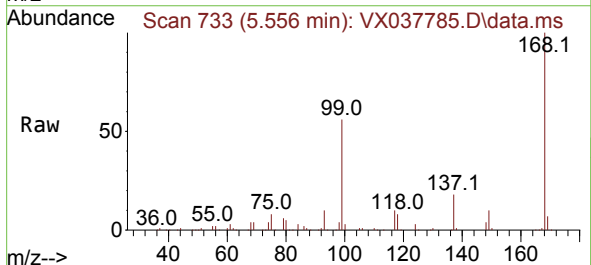
Instrument :
MSVOA_X
ClientSampleId :

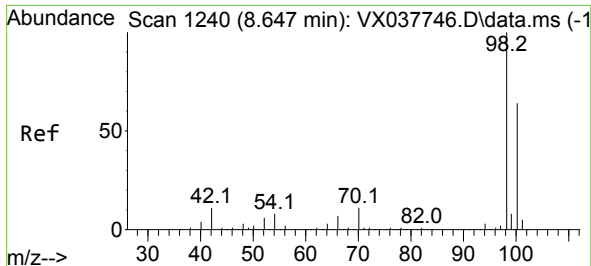
Tgt Ion: 75 Resp: 20390
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.142 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX037785.D
Acq: 18 Sep 2023 18:46

Tgt Ion: 117 Resp: 26467
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#

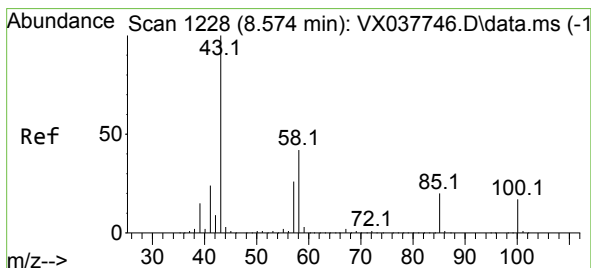
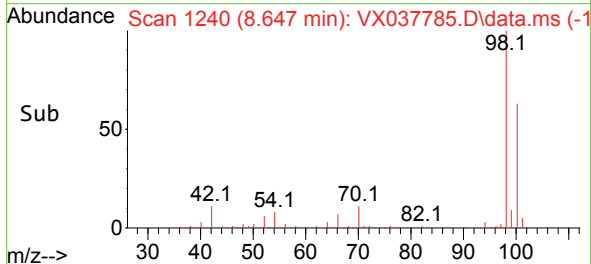
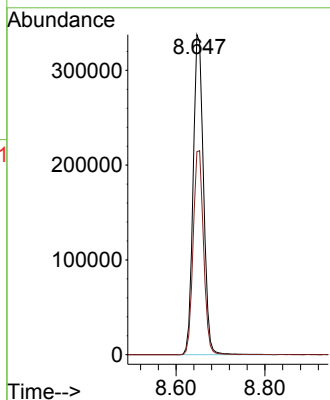
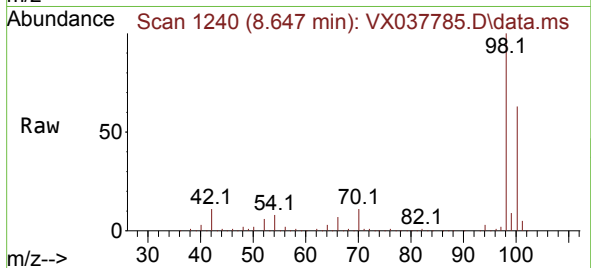




#50
Toluene-d8
Concen: 48.855 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037785.D
Acq: 18 Sep 2023 18:46

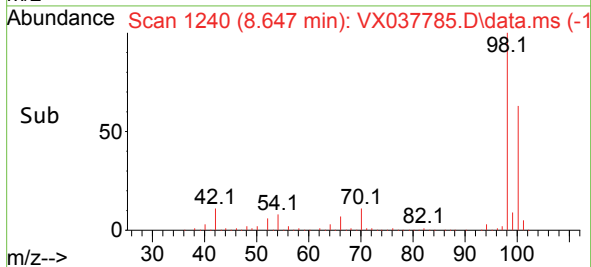
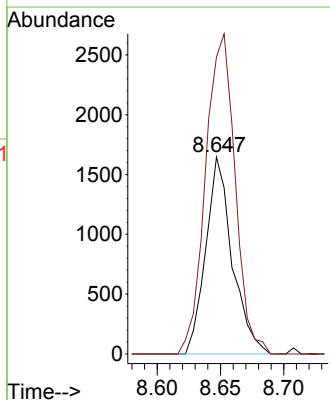
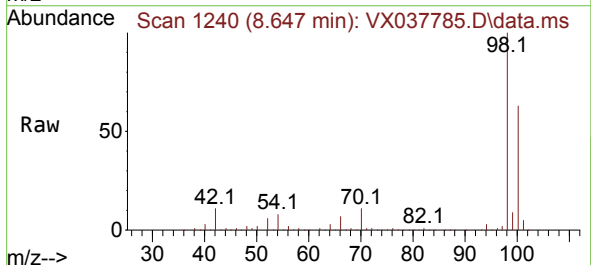
Instrument :
MSVOA_X
ClientSampleId :

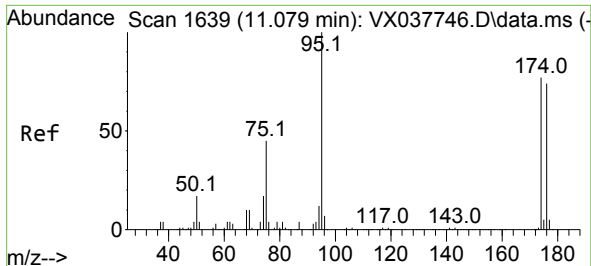
Tgt Ion: 98 Resp: 542679
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.523 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037785.D
Acq: 18 Sep 2023 18:46

Tgt Ion: 43 Resp: 2401
Ion Ratio Lower Upper
43 100
58 181.0 30.4 45.6#





#62

4-Bromofluorobenzene

Concen: 50.885 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037785.D

Acq: 18 Sep 2023 18:46

Instrument :

MSVOA_X

ClientSampleId :

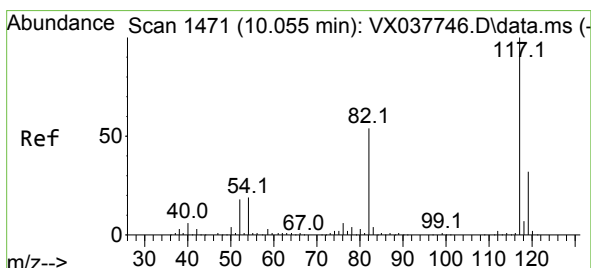
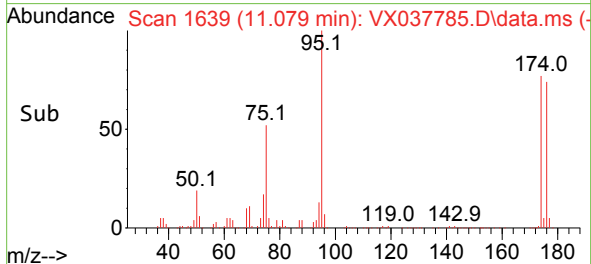
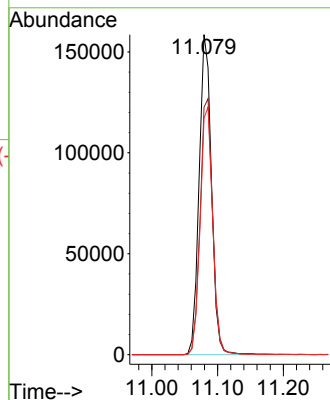
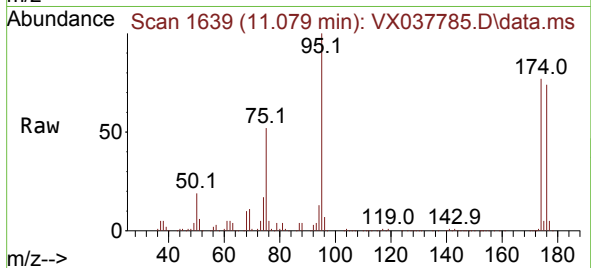
Tgt Ion: 95 Resp: 205395

Ion Ratio Lower Upper

95 100

174 82.1 0.0 135.6

176 78.5 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: VX037785.D

Acq: 18 Sep 2023 18:46

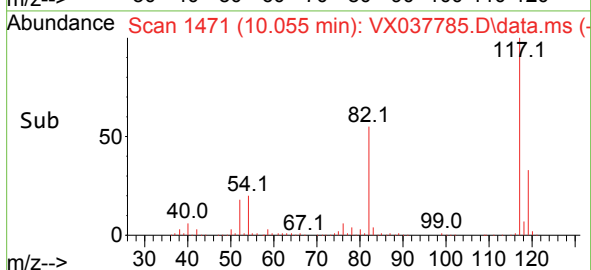
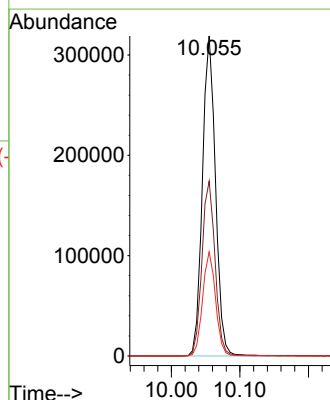
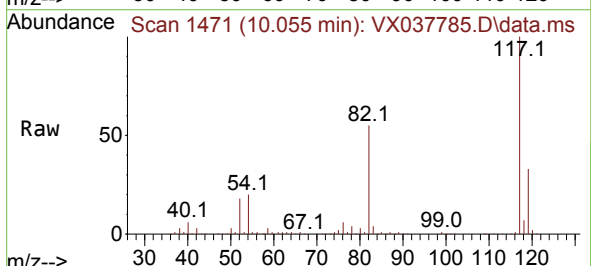
Tgt Ion: 117 Resp: 424669

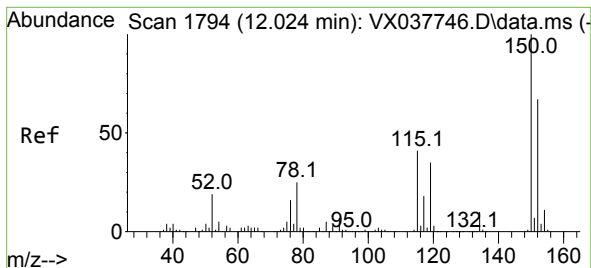
Ion Ratio Lower Upper

117 100

82 54.6 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: VX037785.D

Acq: 18 Sep 2023 18:46

Instrument :

MSVOA_X

ClientSampleId :

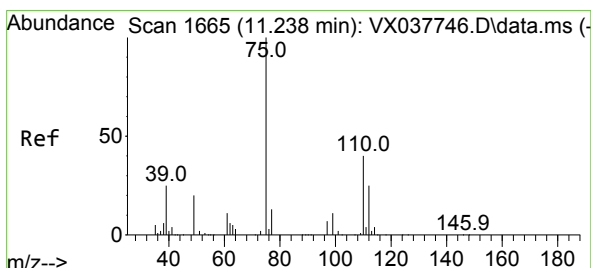
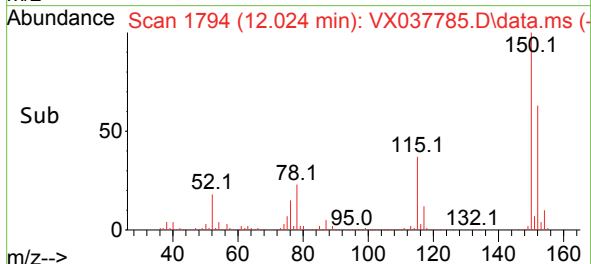
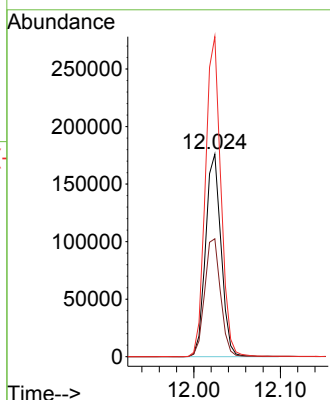
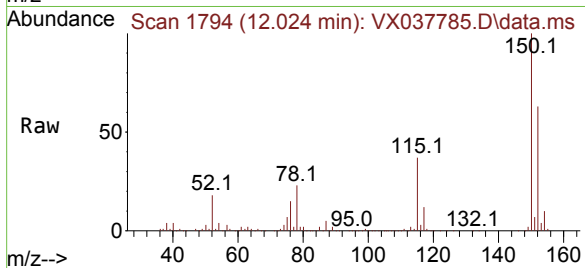
Tgt Ion:152 Resp: 219131

Ion Ratio Lower Upper

152 100

115 59.9 43.3 129.9

150 157.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 20.531 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037785.D

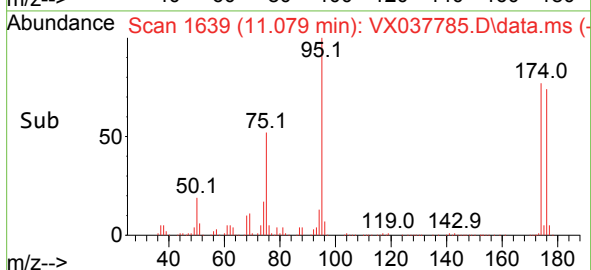
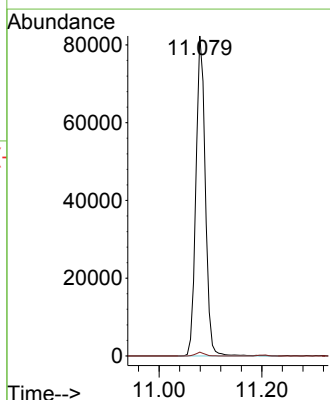
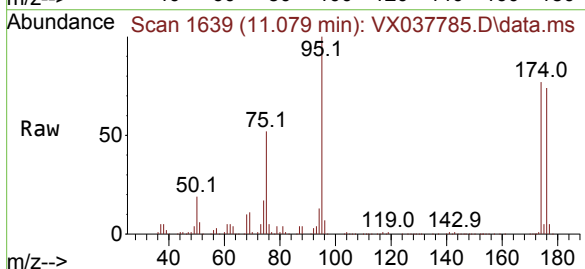
Acq: 18 Sep 2023 18:46

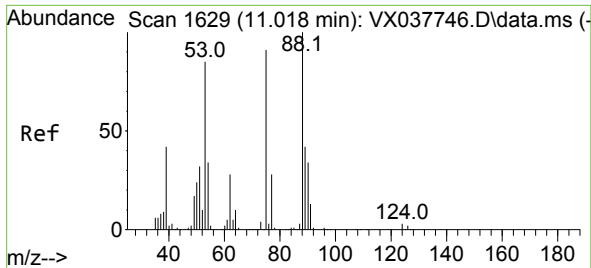
Tgt Ion: 75 Resp: 104055

Ion Ratio Lower Upper

75 100

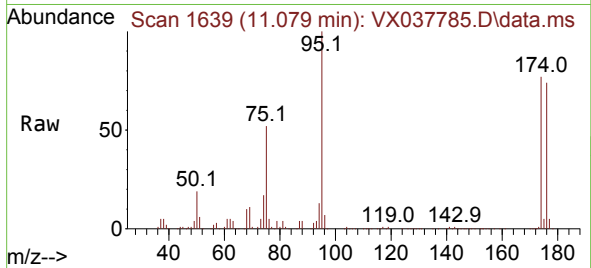
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.767 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037785.D
 Acq: 18 Sep 2023 18:46

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 104055
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

