

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091923\
 Data File : VX037805.D
 Acq On : 19 Sep 2023 14:53
 Operator : JC/MD
 Sample : 04414-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 20 01:03:02 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)

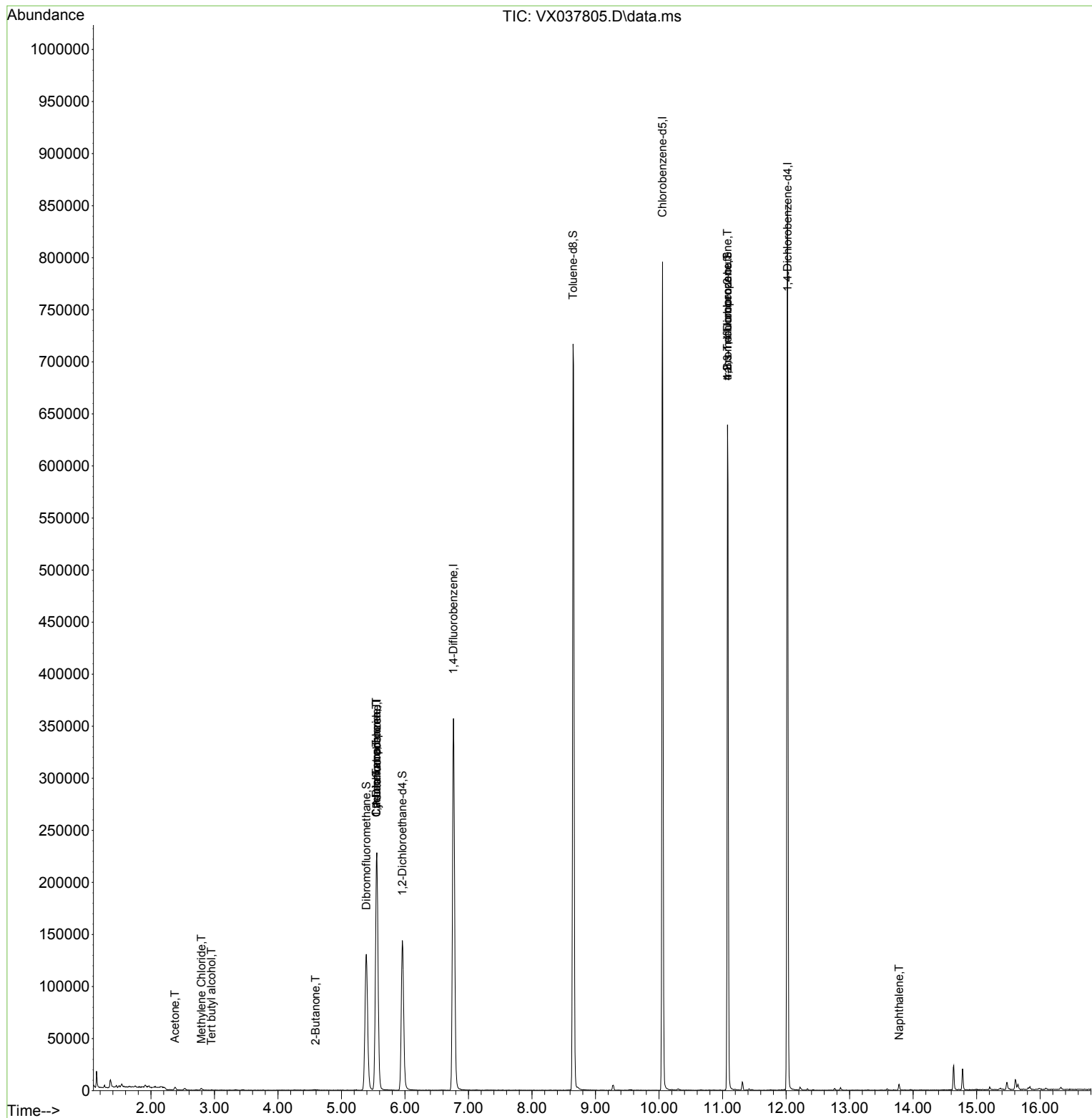
Internal Standards						
1) Pentafluorobenzene	5.556	168	219585	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	371867	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	356741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	183913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138490	48.003	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.000%
35) Dibromofluoromethane	5.391	113	115074	46.248	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.500%
50) Toluene-d8	8.647	98	452387	48.932	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.860%
62) 4-Bromofluorobenzene	11.079	95	165824	49.360	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.720%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	390	0.630	ug/l	# 78
16) Acetone	2.380	43	2791	2.011	ug/l	# 87
20) Methylene Chloride	2.794	84	868	0.313	ug/l	95
25) 2-Butanone	4.593	43	484	0.247	ug/l	# 51
31) Cyclohexane	5.550	56	4593	1.240	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	16447	4.798	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	21853	6.093	ug/l	# 15
76) 1,2,3-Trichloropropane	11.079	75	85083	20.002	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	85083	64.074	ug/l	# 5
95) Naphthalene	13.780	128	4437	0.350	ug/l	97

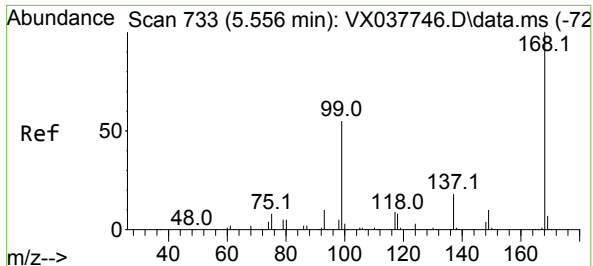
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

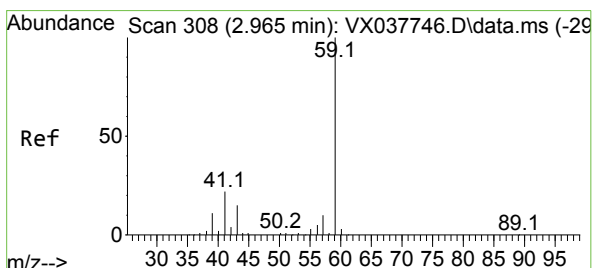
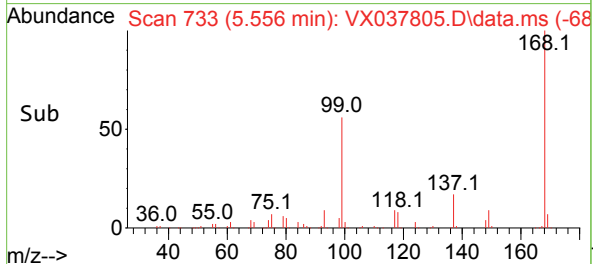
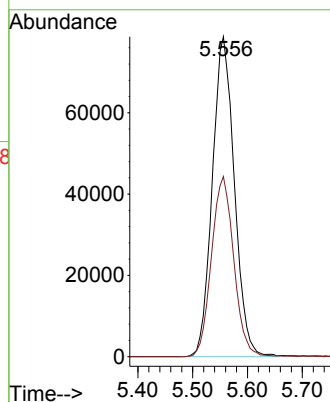
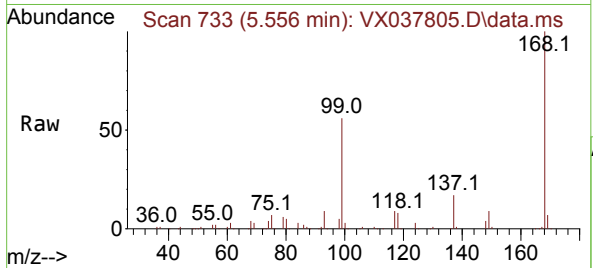




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037805.D
Acq: 19 Sep 2023 14:53

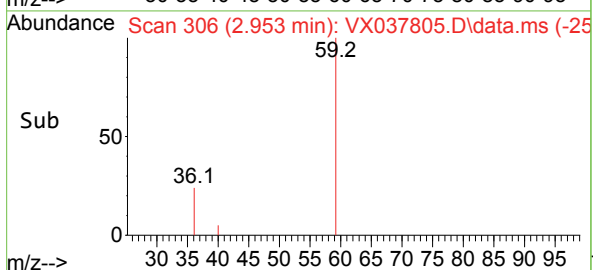
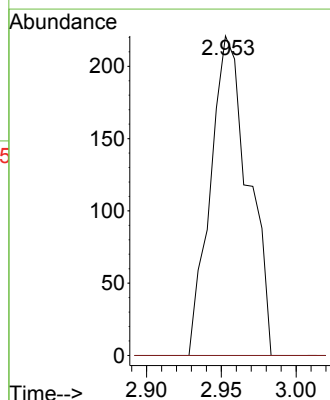
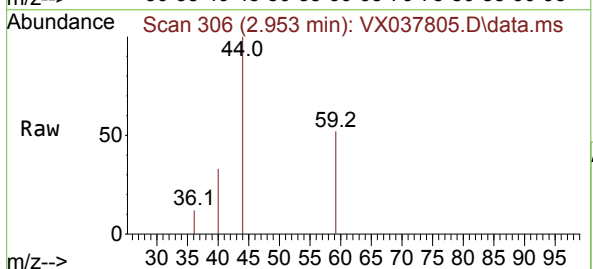
Instrument :
MSVOA_X
ClientSampleId :

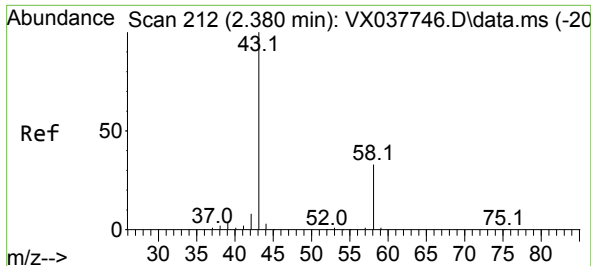
Tgt Ion:168 Resp: 219585
Ion Ratio Lower Upper
168 100
99 56.3 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.630 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX037805.D
Acq: 19 Sep 2023 14:53

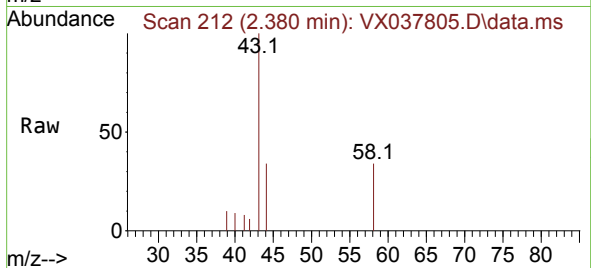
Tgt Ion: 59 Resp: 390
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



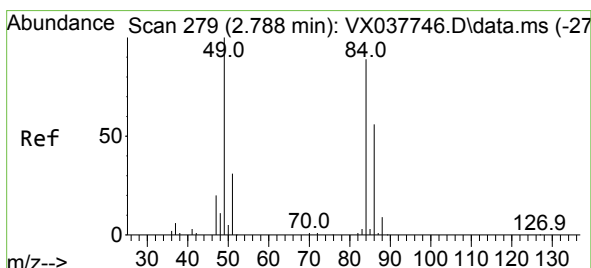
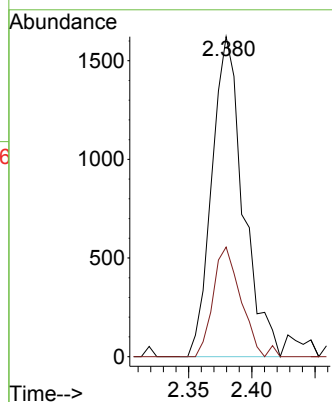
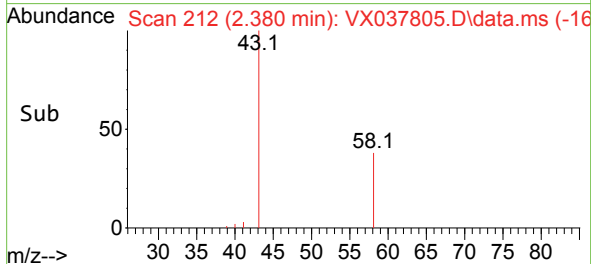


#16
Acetone
Concen: 2.011 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX037805.D
Acq: 19 Sep 2023 14:53

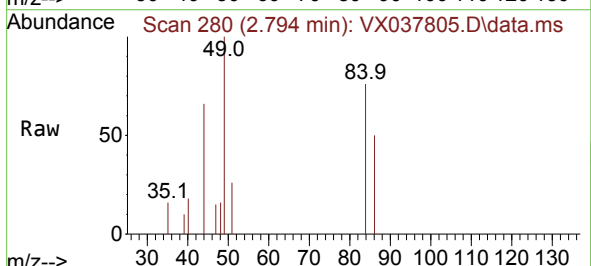
Instrument :
MSVOA_X
ClientSampleId :



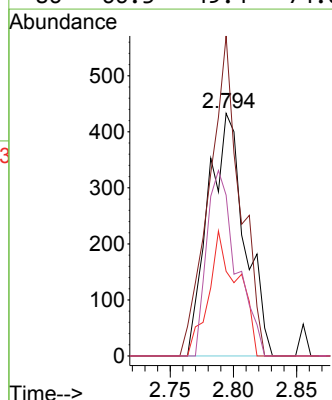
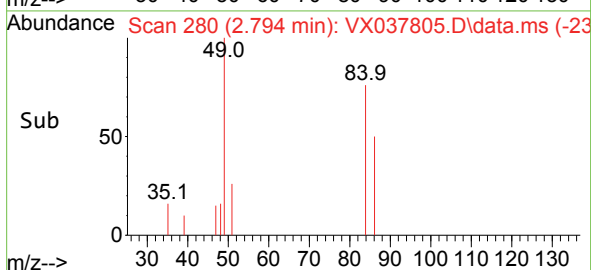
Tgt Ion: 43 Resp: 2791
Ion Ratio Lower Upper
43 100
58 34.2 21.9 32.9#

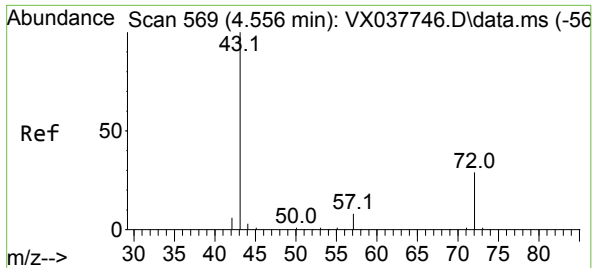


#20
Methylene Chloride
Concen: 0.313 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037805.D
Acq: 19 Sep 2023 14:53



Tgt Ion: 84 Resp: 868
Ion Ratio Lower Upper
84 100
49 131.9 103.6 155.4
51 34.9 33.8 50.6
86 66.3 49.4 74.0





#25

2-Butanone

Concen: 0.247 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX037805.D

Acq: 19 Sep 2023 14:53

Instrument :

MSVOA_X

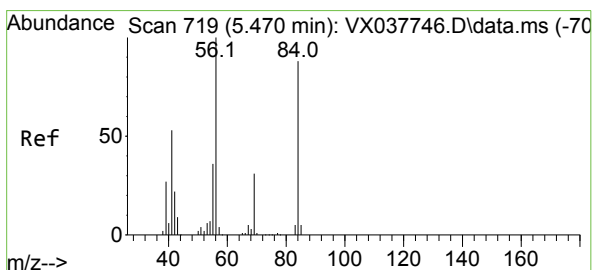
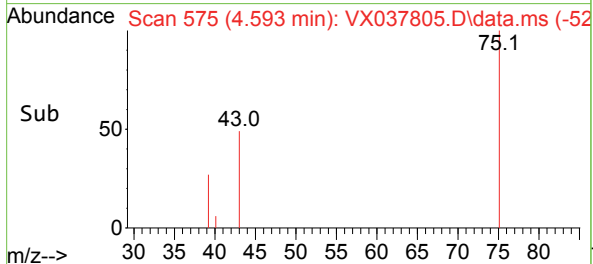
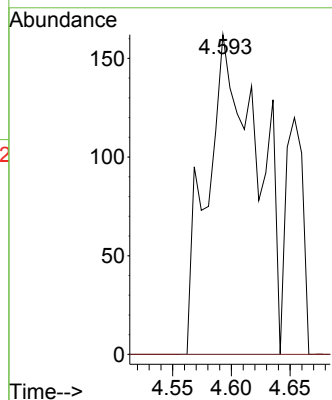
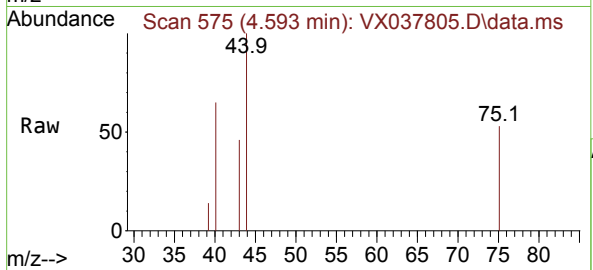
ClientSampleId :

Tgt Ion: 43 Resp: 484

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#31

Cyclohexane

Concen: 1.240 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX037805.D

Acq: 19 Sep 2023 14:53

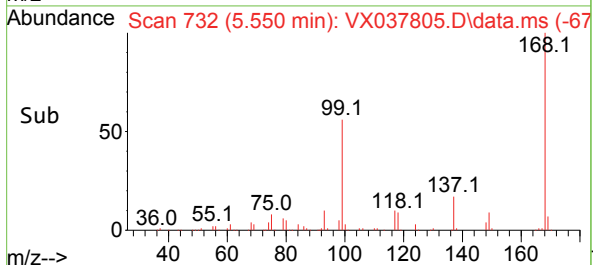
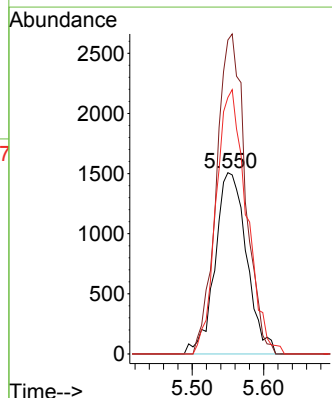
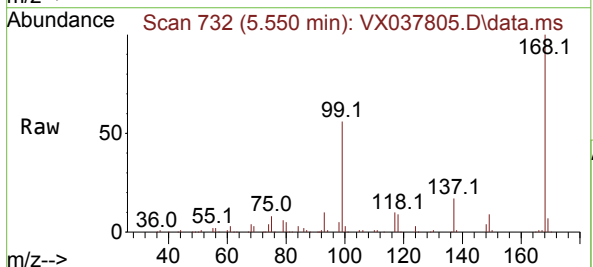
Tgt Ion: 56 Resp: 4593

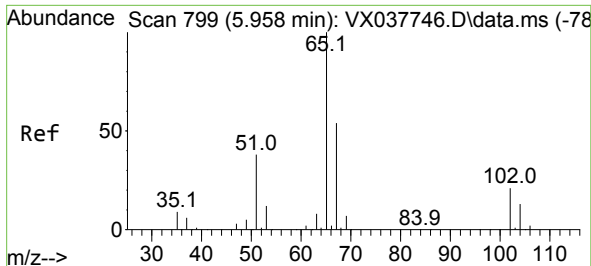
Ion Ratio Lower Upper

56 100

69 173.1 23.4 35.2#

84 141.4 65.9 98.9#

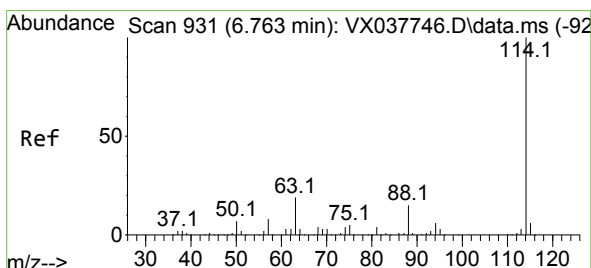
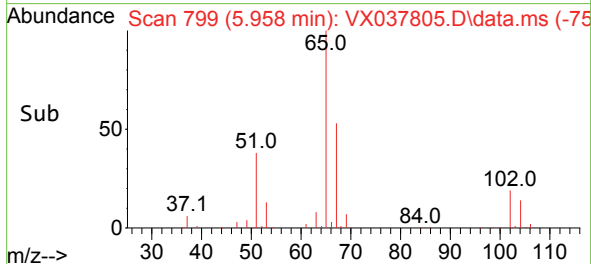
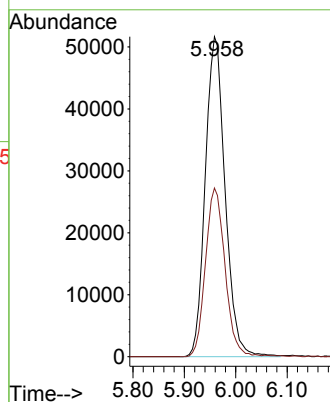
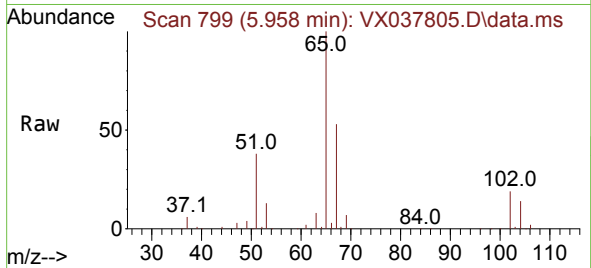




#33
 1,2-Dichloroethane-d4
 Concen: 48.003 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037805.D
 Acq: 19 Sep 2023 14:53

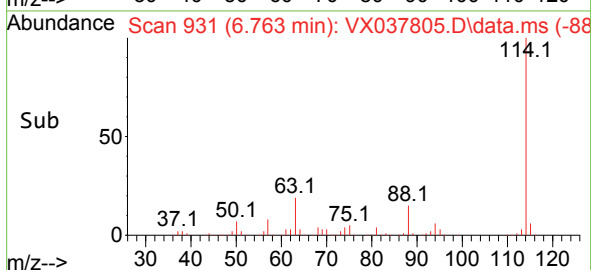
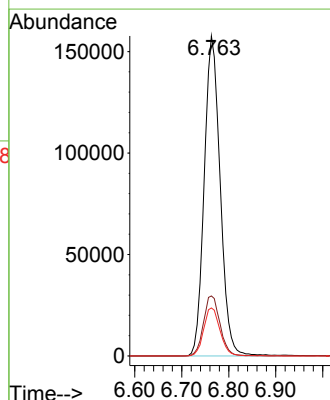
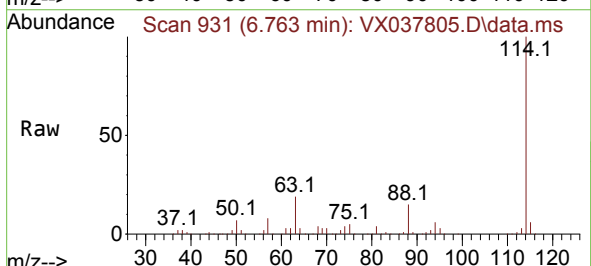
Instrument :
 MSVOA_X
 ClientSampleId :

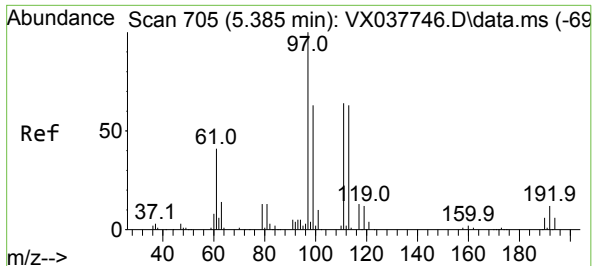
Tgt Ion: 65 Resp: 138490
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX037805.D
 Acq: 19 Sep 2023 14:53

Tgt Ion:114 Resp: 371867
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 45.0
 88 15.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.248 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

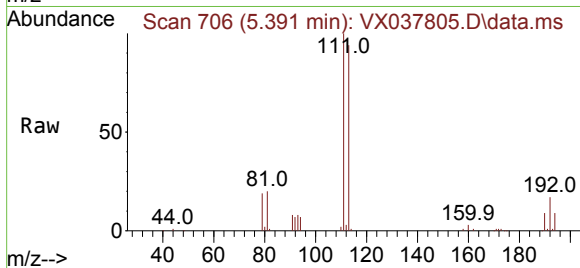
Lab File: VX037805.D

Acq: 19 Sep 2023 14:53

Instrument :

MSVOA_X

ClientSampleId :



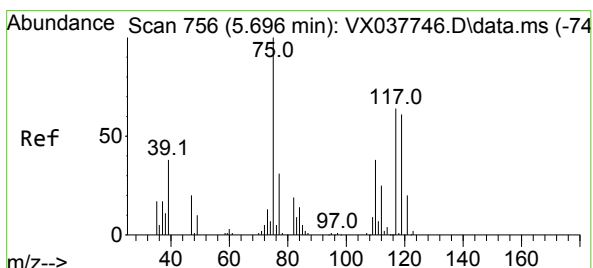
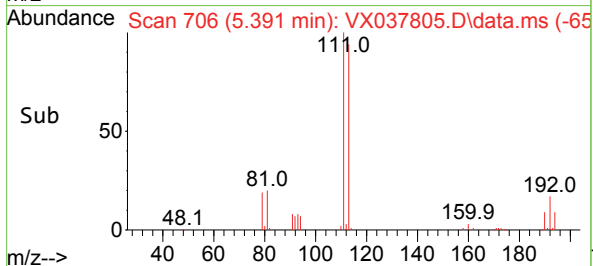
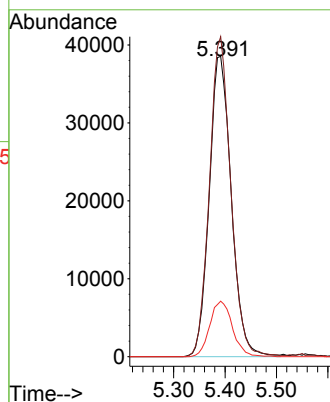
Tgt Ion:113 Resp: 115074

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

192 19.0 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.798 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX037805.D

Acq: 19 Sep 2023 14:53

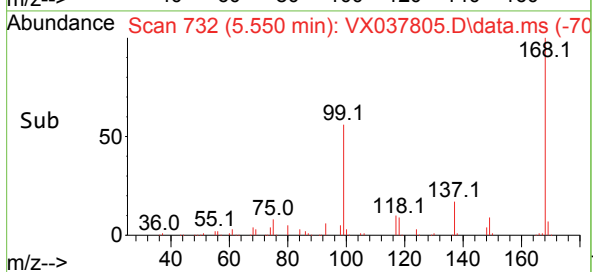
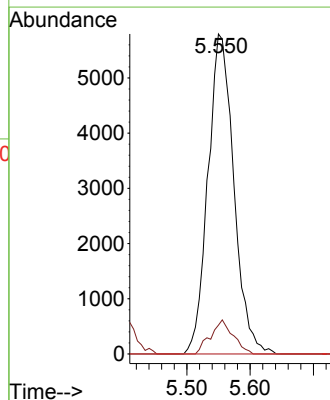
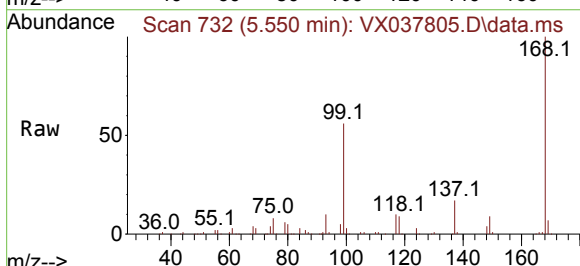
Tgt Ion: 75 Resp: 16447

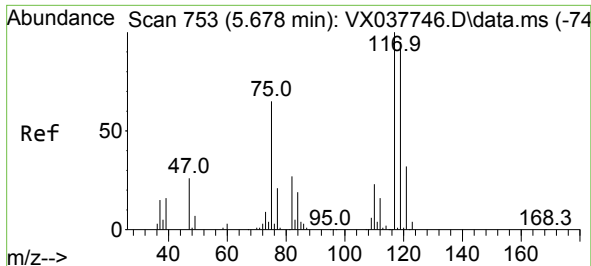
Ion Ratio Lower Upper

75 100

110 9.3 17.0 50.9#

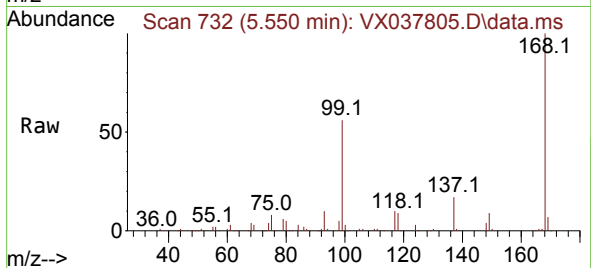
77 0.0 24.7 37.1#



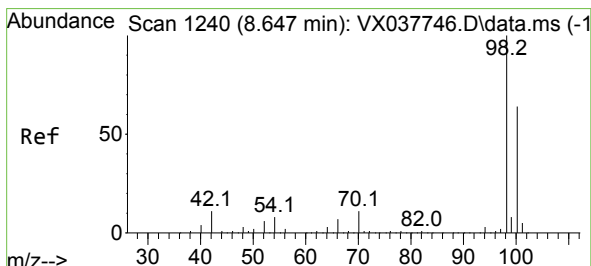
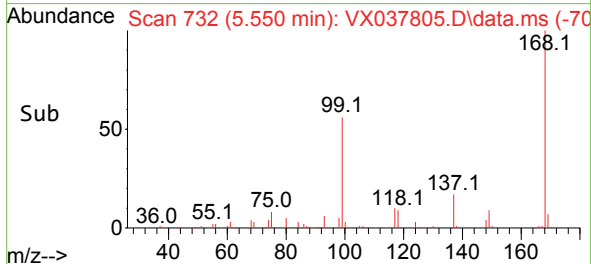
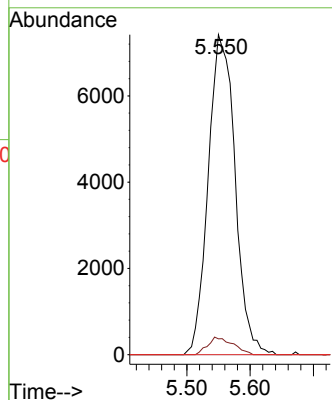


#38
Carbon Tetrachloride
Concen: 6.093 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037805.D
Acq: 19 Sep 2023 14:53

Instrument :
MSVOA_X
ClientSampleId :

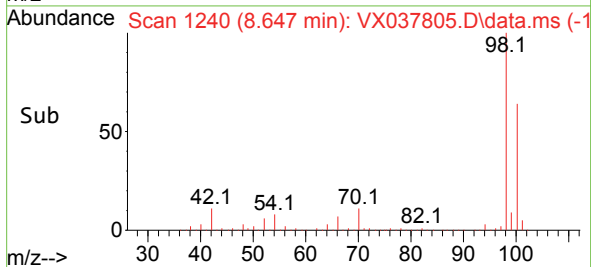
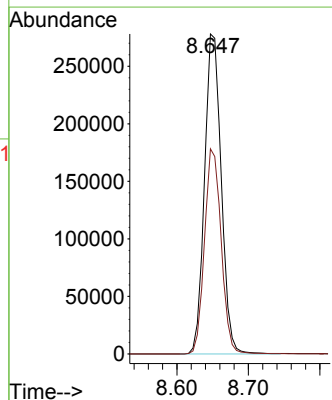
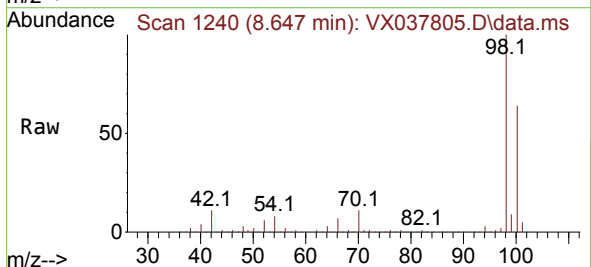


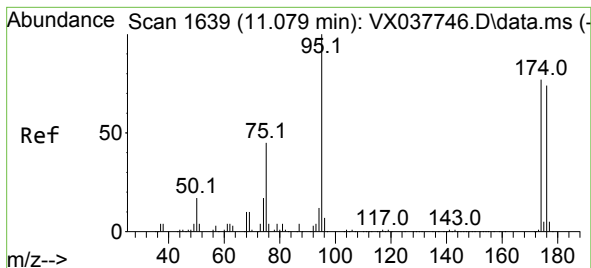
Tgt Ion:117 Resp: 21853
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.932 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037805.D
Acq: 19 Sep 2023 14:53

Tgt Ion: 98 Resp: 452387
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 49.360 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037805.D

Acq: 19 Sep 2023 14:53

Instrument :

MSVOA_X

ClientSampleId :

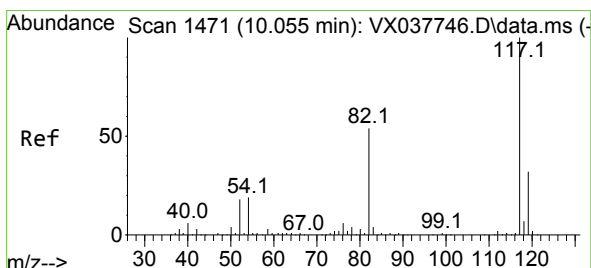
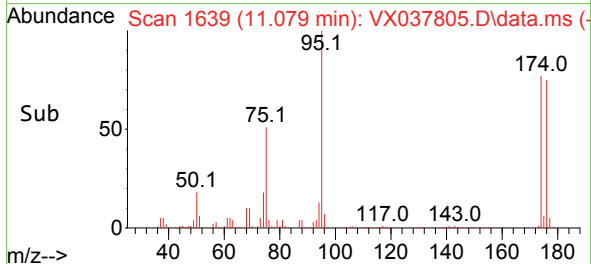
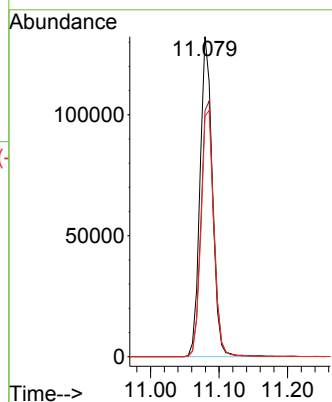
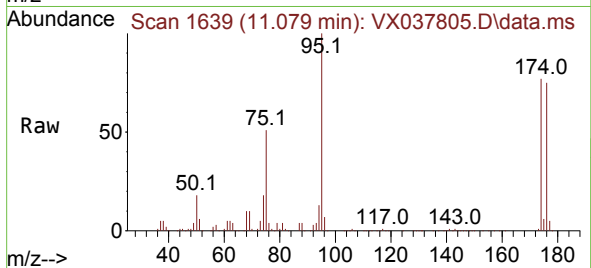
Tgt Ion: 95 Resp: 165824

Ion Ratio Lower Upper

95 100

174 83.5 0.0 135.6

176 80.3 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: VX037805.D

Acq: 19 Sep 2023 14:53

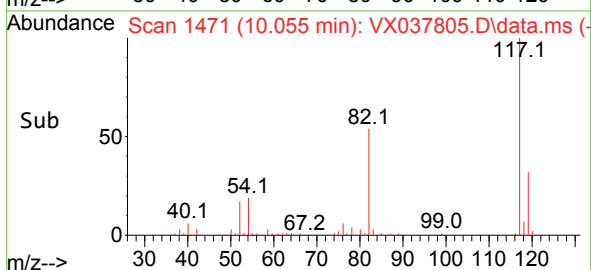
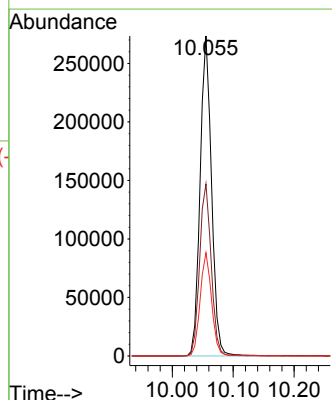
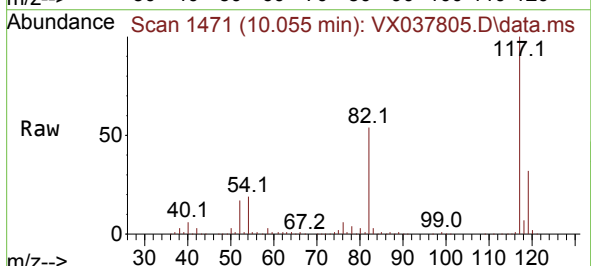
Tgt Ion: 117 Resp: 356741

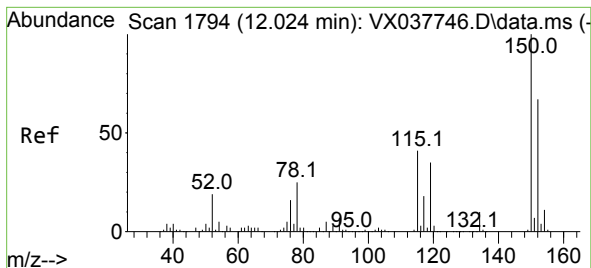
Ion Ratio Lower Upper

117 100

82 53.7 46.2 69.4

119 32.2 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: VX037805.D

Acq: 19 Sep 2023 14:53

Instrument :

MSVOA_X

ClientSampleId :

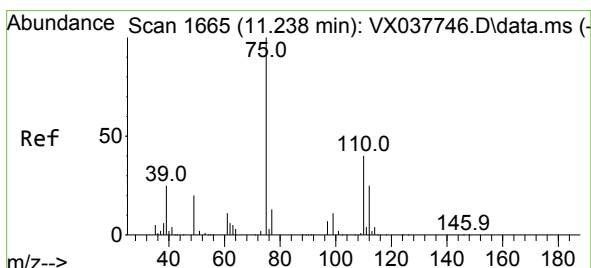
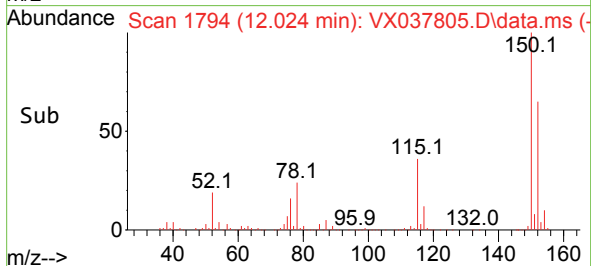
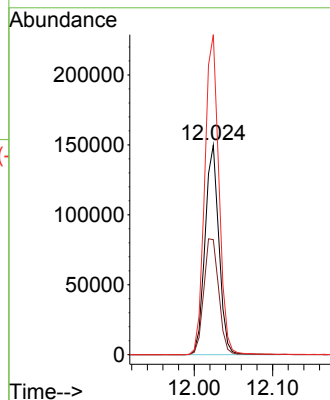
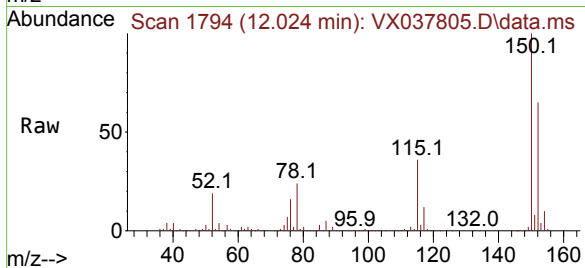
Tgt Ion:152 Resp: 183913

Ion Ratio Lower Upper

152 100

115 59.8 43.3 129.9

150 156.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 20.002 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037805.D

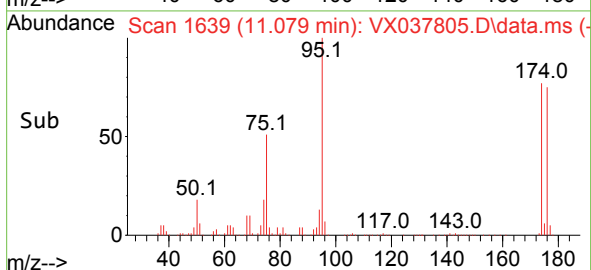
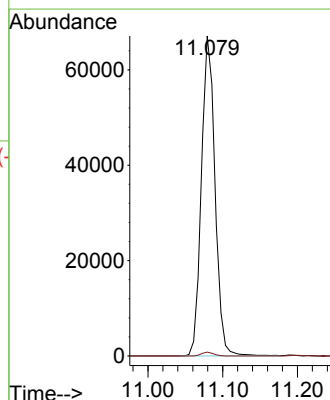
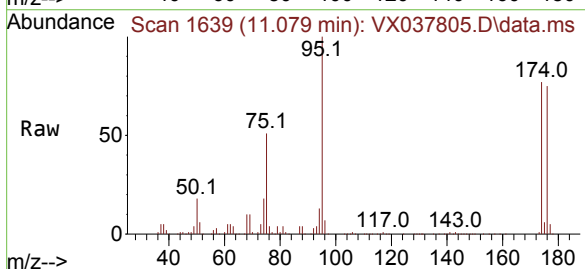
Acq: 19 Sep 2023 14:53

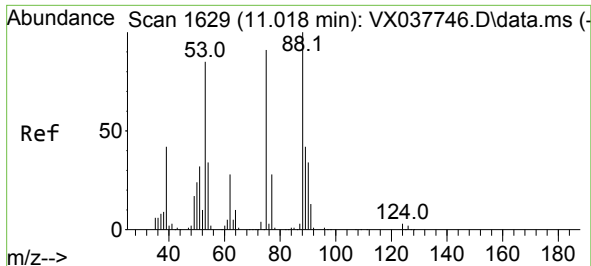
Tgt Ion: 75 Resp: 85083

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

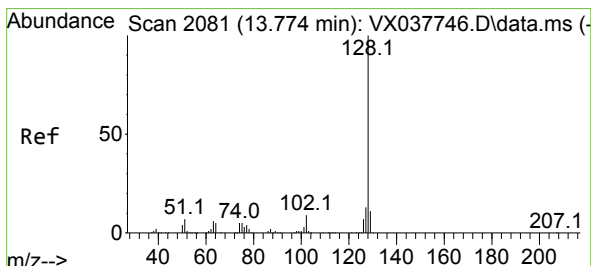
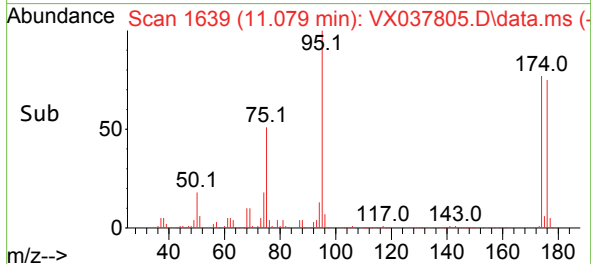
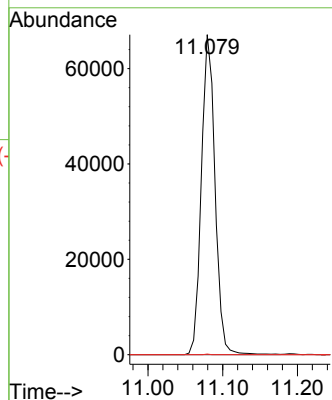
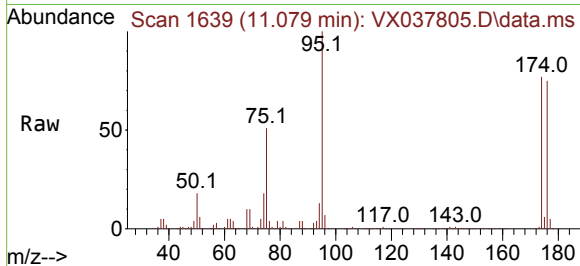




#81
trans-1,4-Dichloro-2-butene
Concen: 64.074 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037805.D
Acq: 19 Sep 2023 14:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 85083
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#95
Naphthalene
Concen: 0.350 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX037805.D
Acq: 19 Sep 2023 14:53

Tgt Ion:128 Resp: 4437
Ion Ratio Lower Upper
128 100
127 10.6 10.3 15.5
129 11.1 8.8 13.2

