

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091923\
 Data File : VX037801.D
 Acq On : 19 Sep 2023 13:20
 Operator : JC/MD
 Sample : 04453-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 20 01:01:41 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	232858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	395817	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	380366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	193431	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	145594	47.589	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.180%
35) Dibromofluoromethane	5.391	113	123566	46.656	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.320%
50) Toluene-d8	8.647	98	482815	49.064	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.120%
62) 4-Bromofluorobenzene	11.079	95	178922	50.036	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.080%

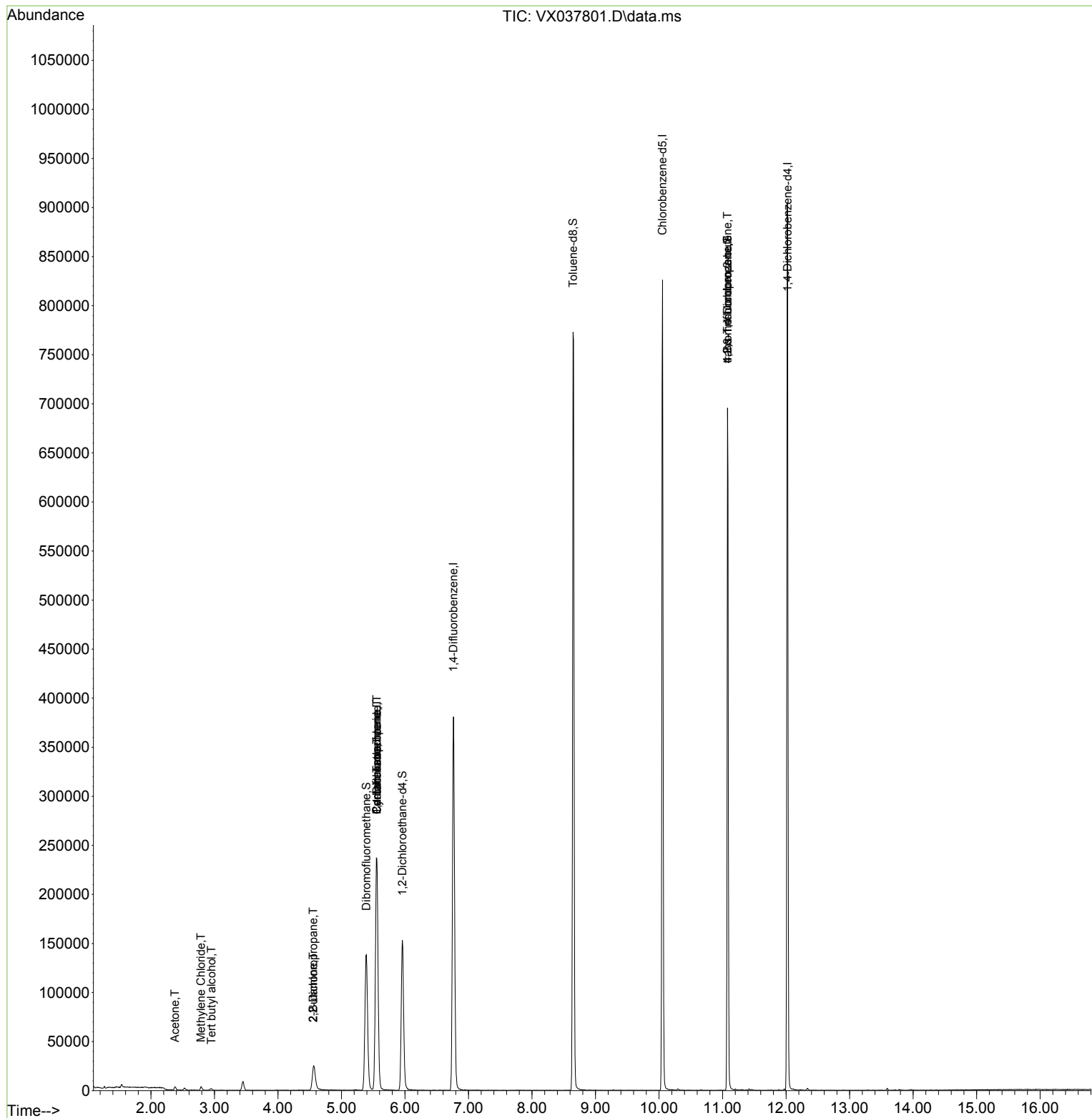
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.953	59	1232	1.876	ug/l	# 78
16) Acetone	2.380	43	4014	2.727	ug/l	100
20) Methylene Chloride	2.788	84	1773	0.627	ug/l	# 82
25) 2-Butanone	4.556	43	742	0.357	ug/l	91
26) 2,2-Dichloropropane	4.556	77	1182	0.310	ug/l	# 54
31) Cyclohexane	5.556	56	4871	1.240	ug/l	# 12
36) 1,1-Dichloropropene	5.556	75	18196	4.987	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	23433	6.139	ug/l	# 15
76) 1,2,3-Trichloropropane	11.079	75	90504	20.230	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	90504	64.802	ug/l	# 5

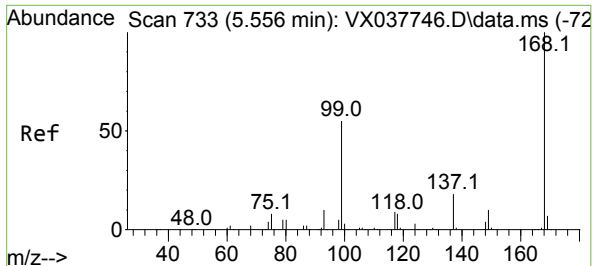
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091923\
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Instrument :
MSVOA_X
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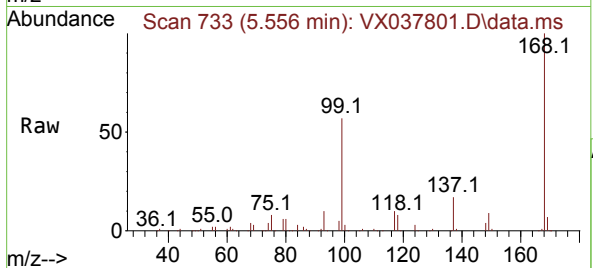
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration



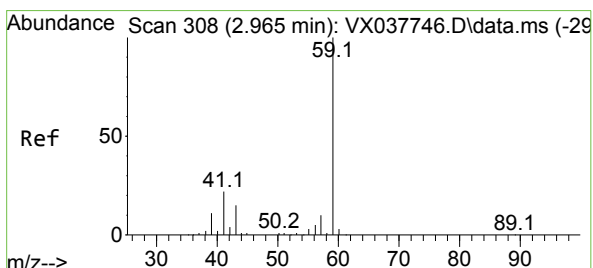
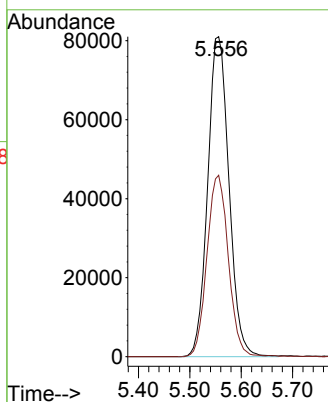
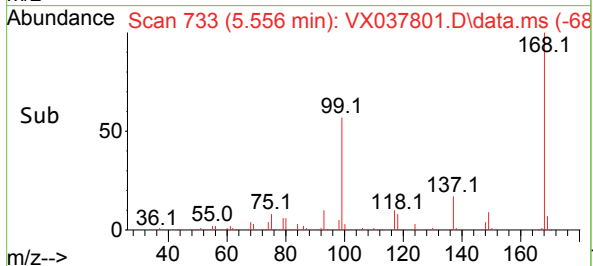


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037801.D
Acq: 19 Sep 2023 13:20

Instrument :
MSVOA_X
ClientSampleId :

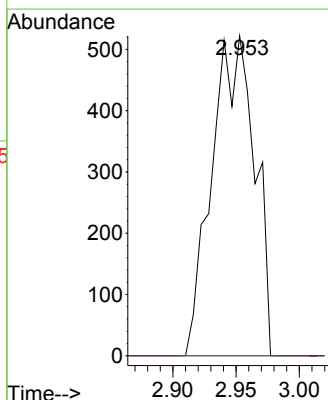
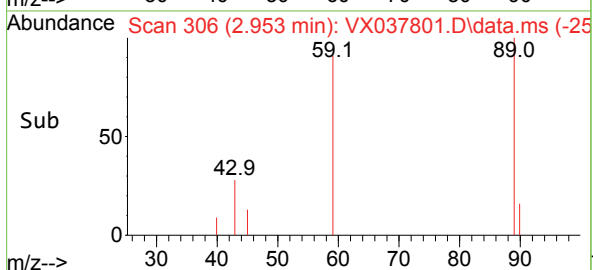
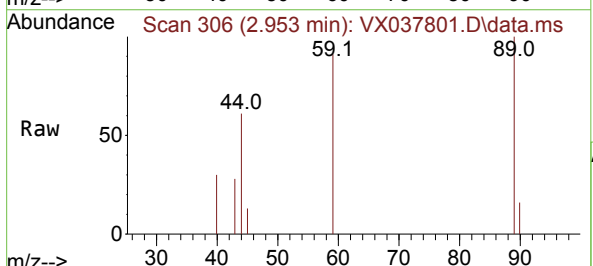


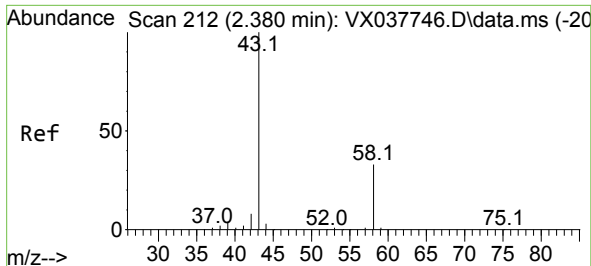
Tgt Ion:168 Resp: 232858
Ion Ratio Lower Upper
168 100
99 56.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.876 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX037801.D
Acq: 19 Sep 2023 13:20

Tgt Ion: 59 Resp: 1232
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

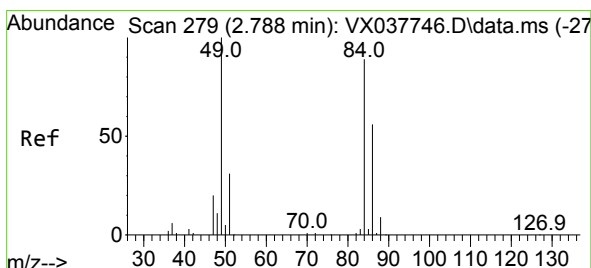
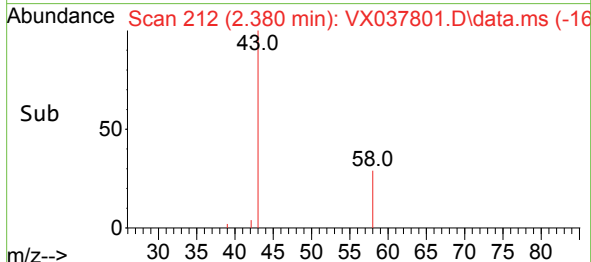
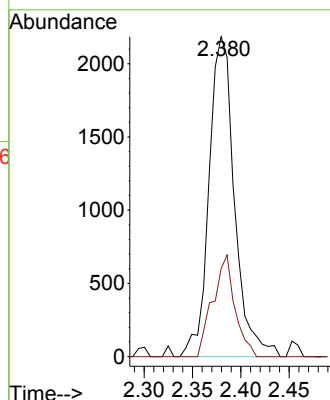
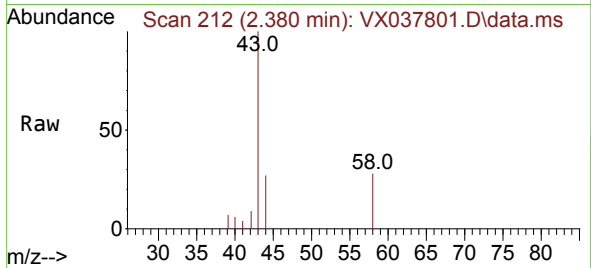




#16
Acetone
Concen: 2.727 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037801.D
Acq: 19 Sep 2023 13:20

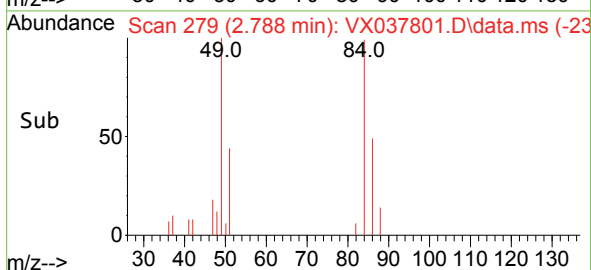
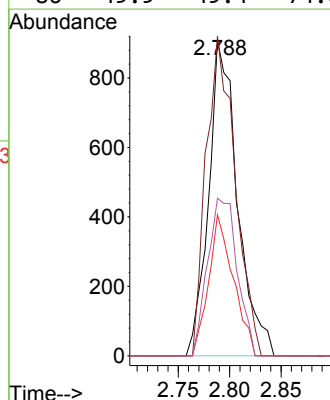
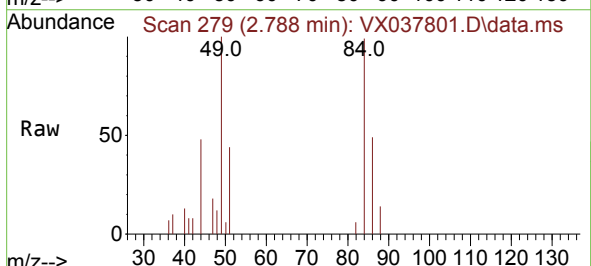
Instrument :
MSVOA_X
ClientSampleId :

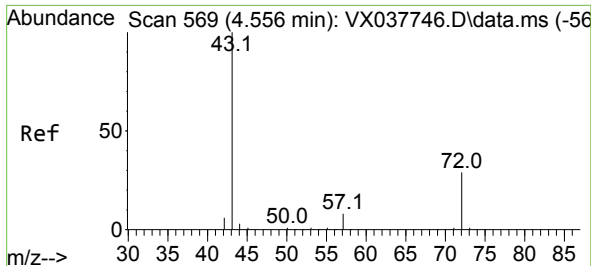
Tgt Ion: 43 Resp: 4014
Ion Ratio Lower Upper
43 100
58 27.6 21.9 32.9



#20
Methylene Chloride
Concen: 0.627 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037801.D
Acq: 19 Sep 2023 13:20

Tgt Ion: 84 Resp: 1773
Ion Ratio Lower Upper
84 100
49 101.2 103.6 155.4#
51 44.6 33.8 50.6
86 49.9 49.4 74.0

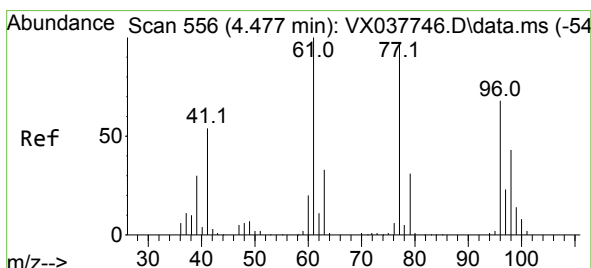
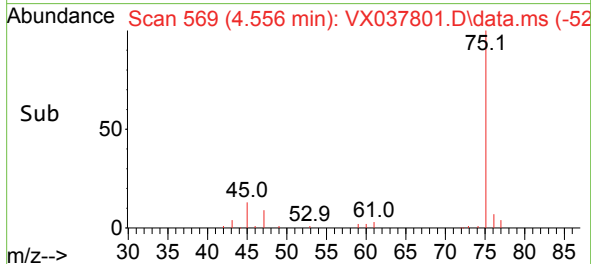
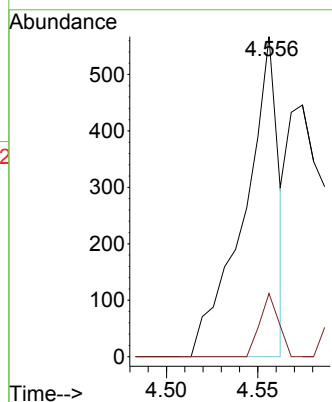
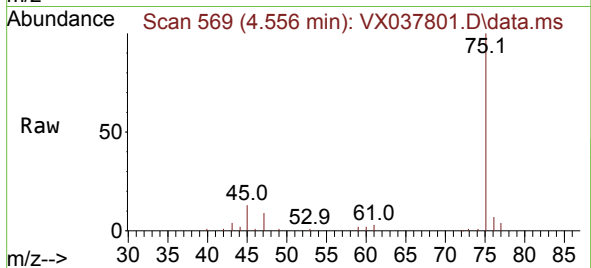




#25
2-Butanone
Concen: 0.357 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.012 min
Lab File: VX037801.D
Acq: 19 Sep 2023 13:20

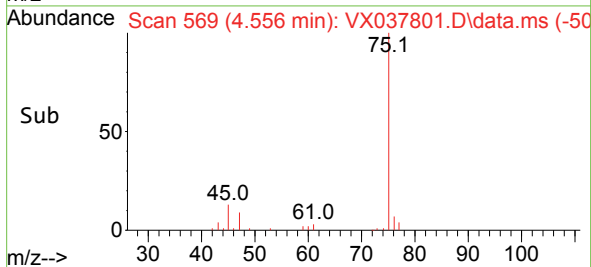
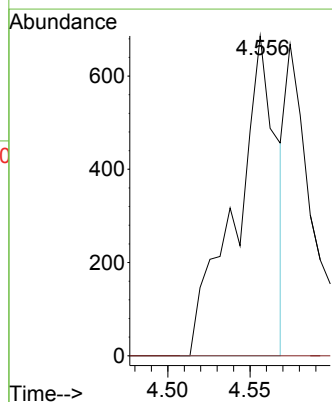
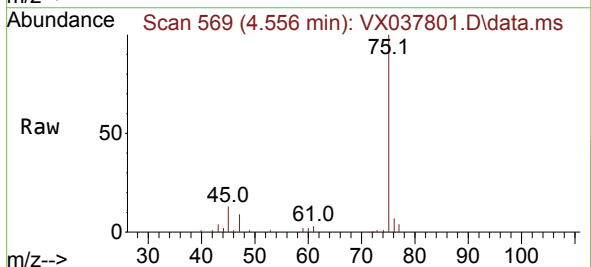
Instrument :
MSVOA_X
ClientSampleId :

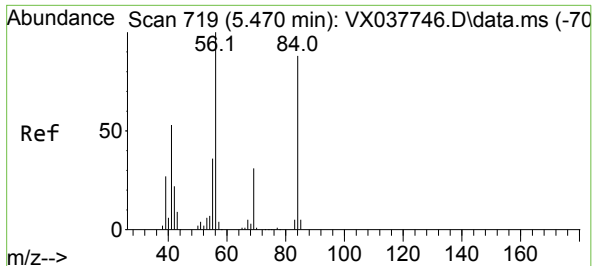
Tgt Ion: 43 Resp: 742
Ion Ratio Lower Upper
43 100
72 19.8 19.4 29.2



#26
2,2-Dichloropropane
Concen: 0.310 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.079 min
Lab File: VX037801.D
Acq: 19 Sep 2023 13:20

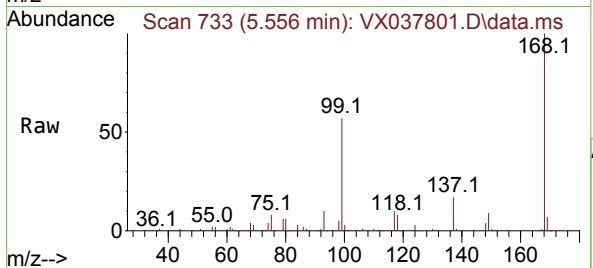
Tgt Ion: 77 Resp: 1182
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



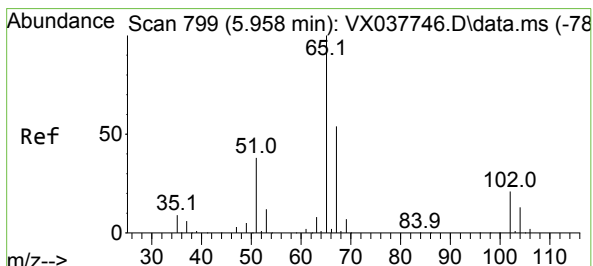
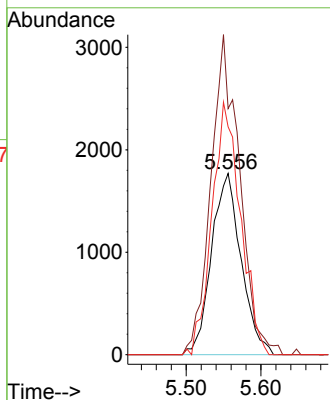
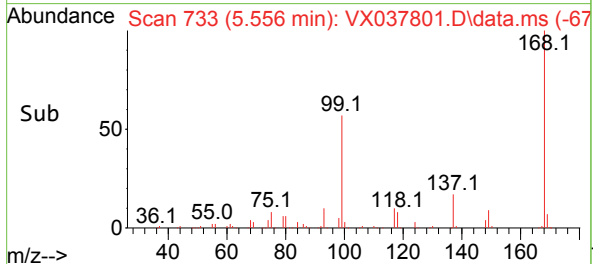


#31
Cyclohexane
Concen: 1.240 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX037801.D
Acq: 19 Sep 2023 13:20

Instrument :
MSVOA_X
ClientSampleId :

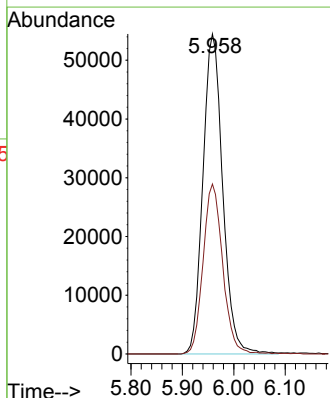
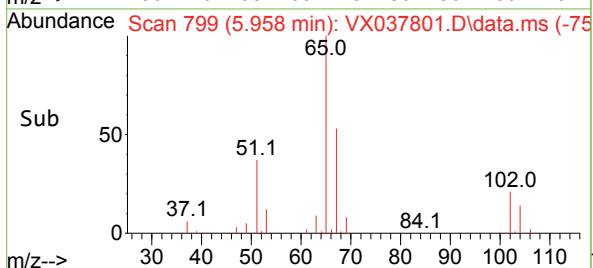
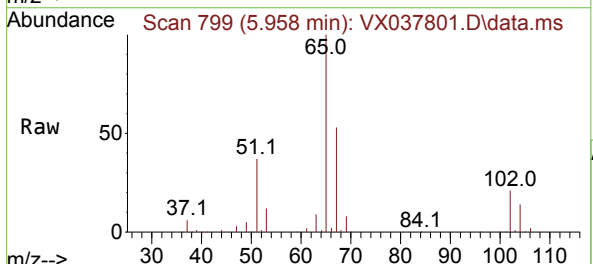


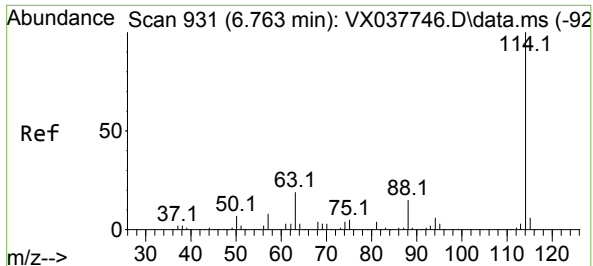
Tgt Ion: 56 Resp: 4871
Ion Ratio Lower Upper
56 100
69 135.8 23.4 35.2#
84 125.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.589 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037801.D
Acq: 19 Sep 2023 13:20

Tgt Ion: 65 Resp: 145594
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2

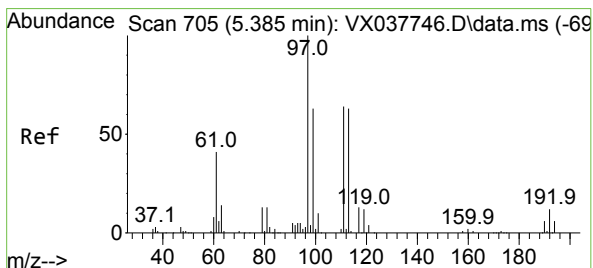
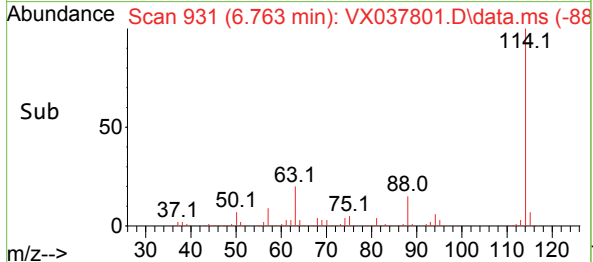
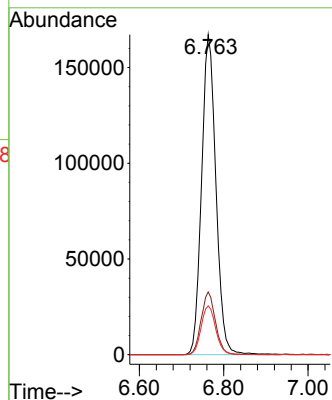
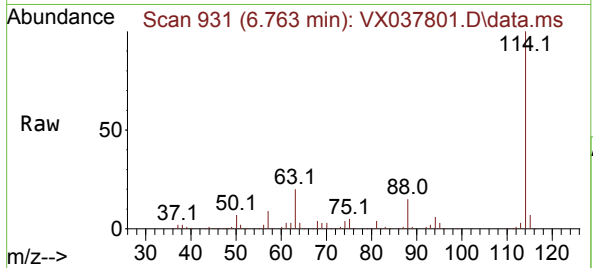




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037801.D
Acq: 19 Sep 2023 13:20

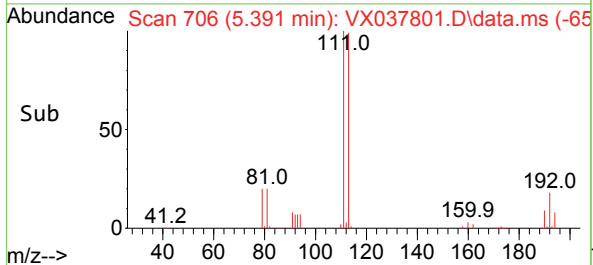
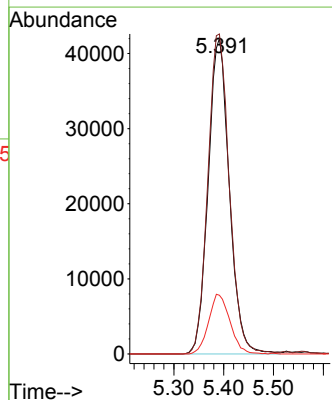
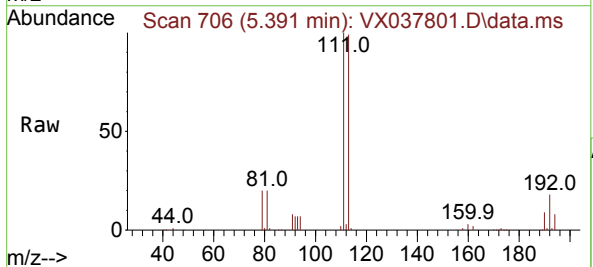
Instrument :
MSVOA_X
ClientSampleId :

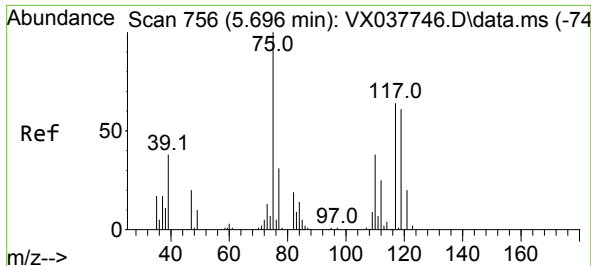
Tgt Ion:114 Resp: 395817
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.656 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037801.D
Acq: 19 Sep 2023 13:20

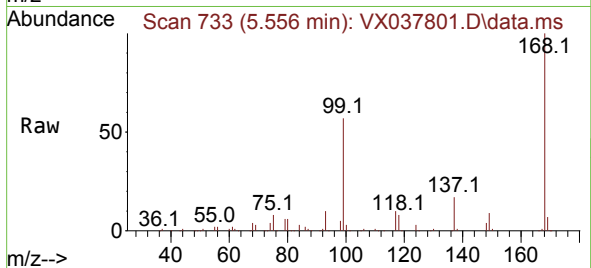
Tgt Ion:113 Resp: 123566
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 19.1 13.3 19.9



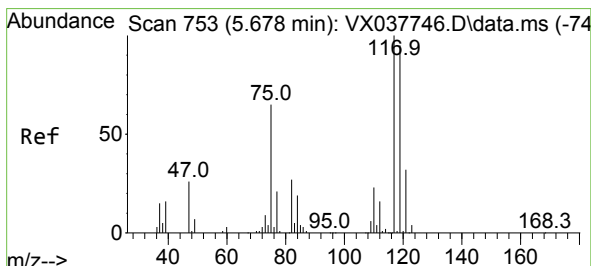
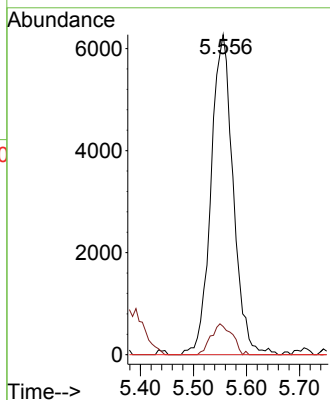
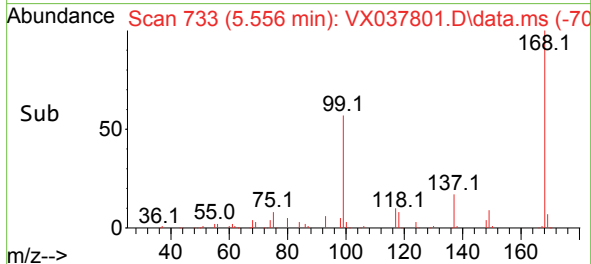


#36
1,1-Dichloropropene
Concen: 4.987 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX037801.D
Acq: 19 Sep 2023 13:20

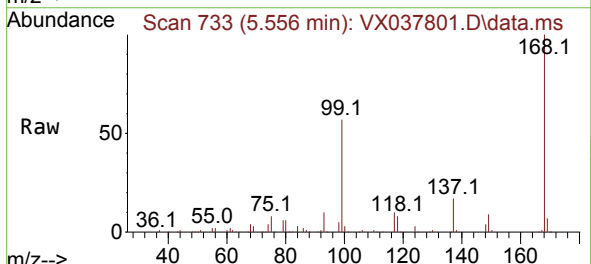
Instrument :
MSVOA_X
ClientSampleId :



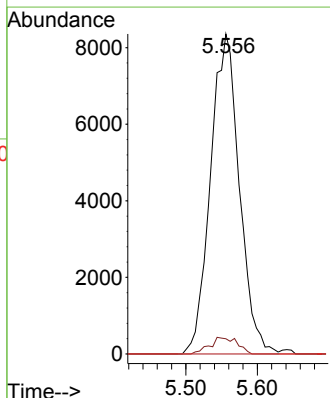
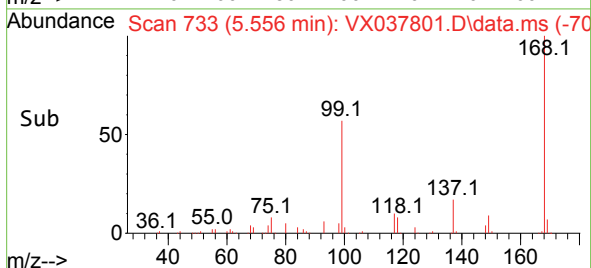
Tgt Ion: 75 Resp: 18196
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#

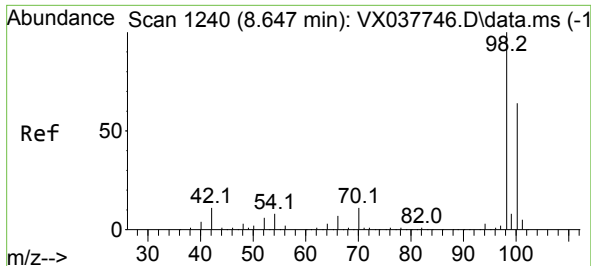


#38
Carbon Tetrachloride
Concen: 6.139 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX037801.D
Acq: 19 Sep 2023 13:20



Tgt Ion: 117 Resp: 23433
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#

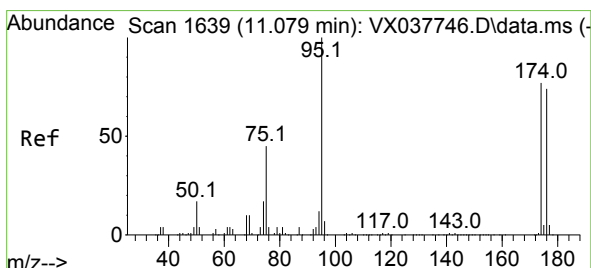
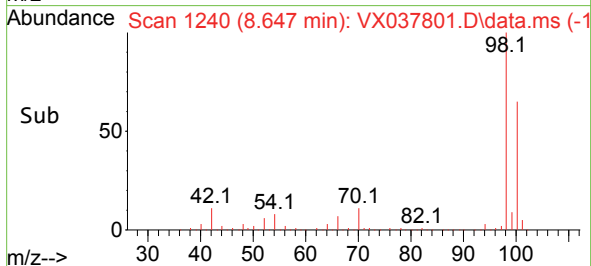
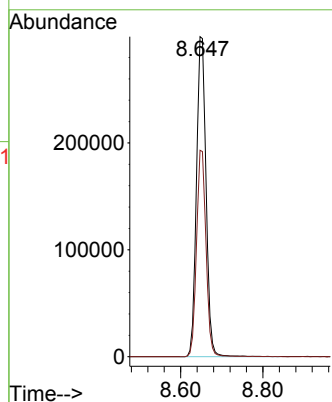
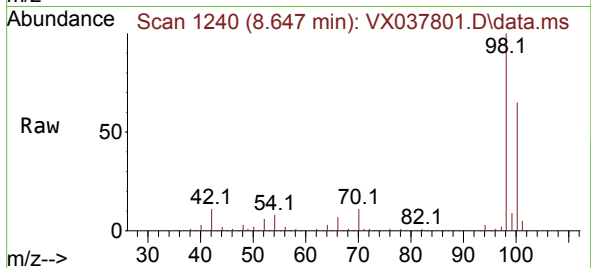




#50
Toluene-d8
Concen: 49.064 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037801.D
Acq: 19 Sep 2023 13:20

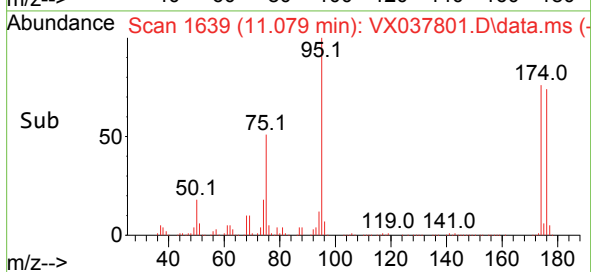
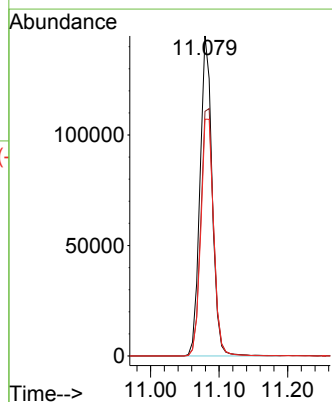
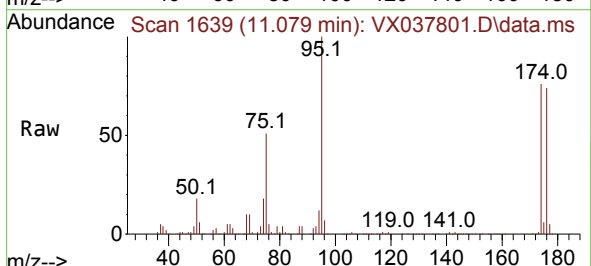
Instrument :
MSVOA_X
ClientSampleId :

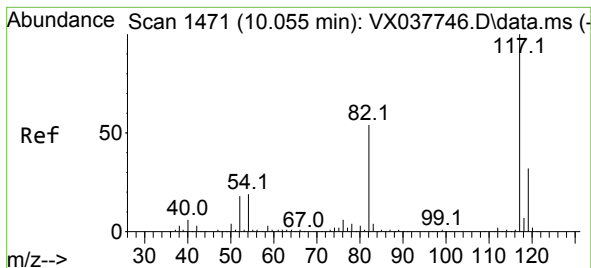
Tgt Ion: 98 Resp: 482815
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.036 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037801.D
Acq: 19 Sep 2023 13:20

Tgt Ion: 95 Resp: 178922
Ion Ratio Lower Upper
95 100
174 81.5 0.0 135.6
176 78.6 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: VX037801.D

Acq: 19 Sep 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

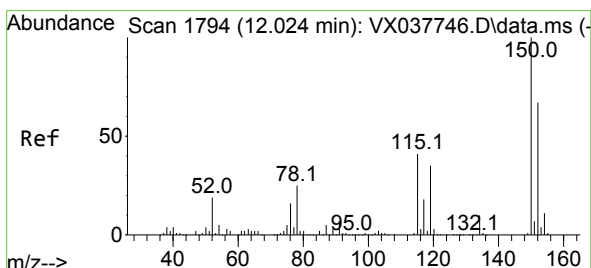
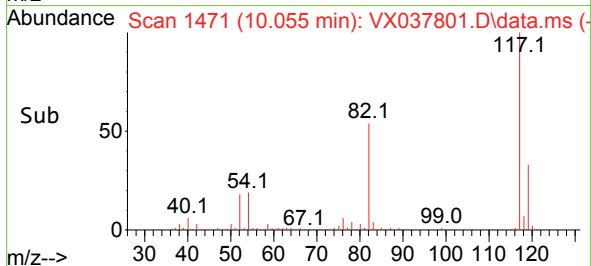
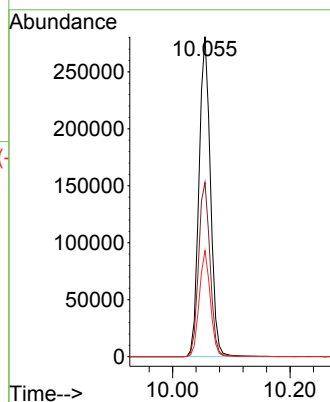
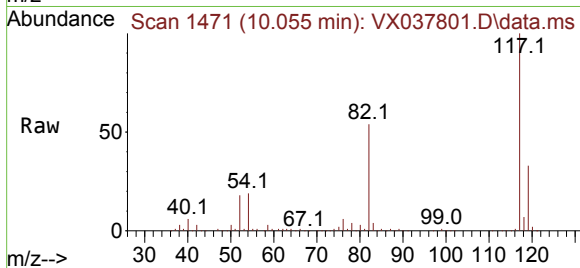
Tgt Ion:117 Resp: 380366

Ion Ratio Lower Upper

117 100

82 54.5 46.2 69.4

119 33.2 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037801.D

Acq: 19 Sep 2023 13:20

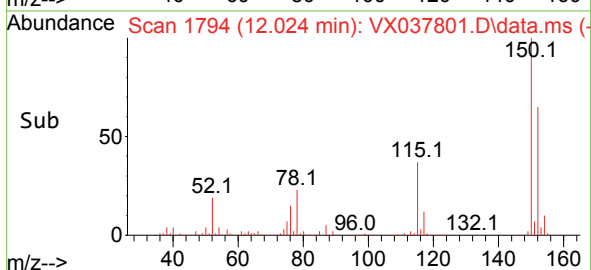
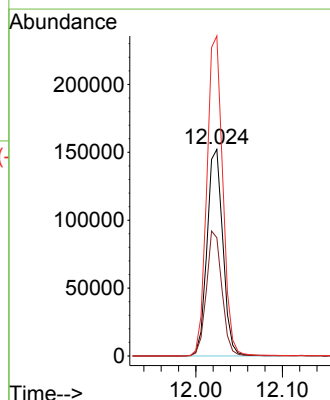
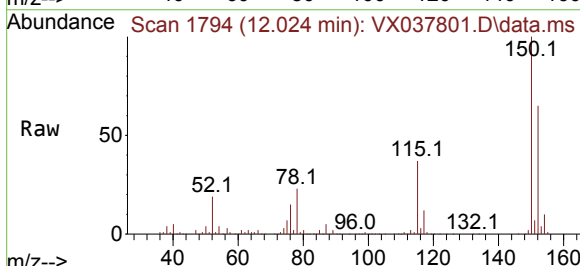
Tgt Ion:152 Resp: 193431

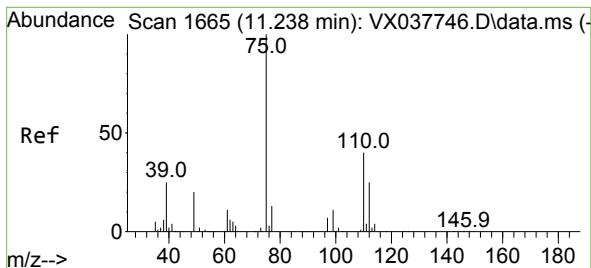
Ion Ratio Lower Upper

152 100

115 59.2 43.3 129.9

150 155.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 20.230 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037801.D

Acq: 19 Sep 2023 13:20

Instrument :

MSVOA_X

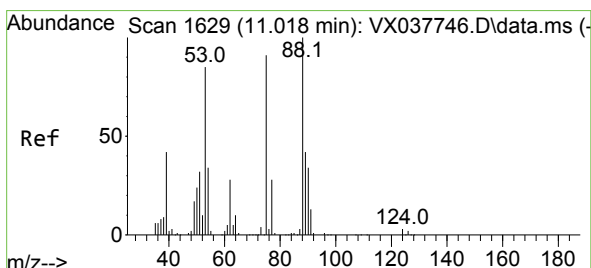
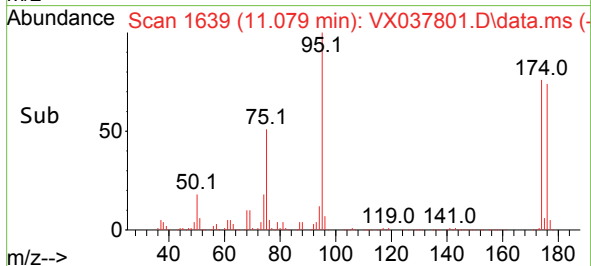
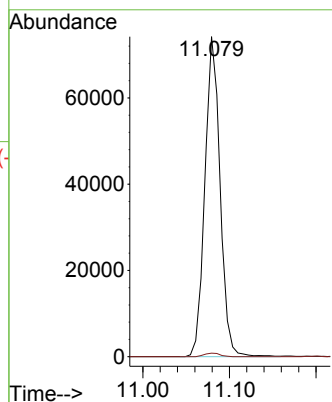
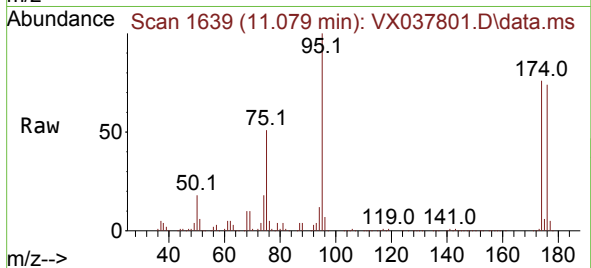
ClientSampleId :

Tgt Ion: 75 Resp: 90504

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.802 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037801.D

Acq: 19 Sep 2023 13:20

Tgt Ion: 75 Resp: 90504

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

