

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037698.D
 Acq On : 13 Sep 2023 16:31
 Operator : JC/MD
 Sample : 04352-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 14 02:22:11 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)

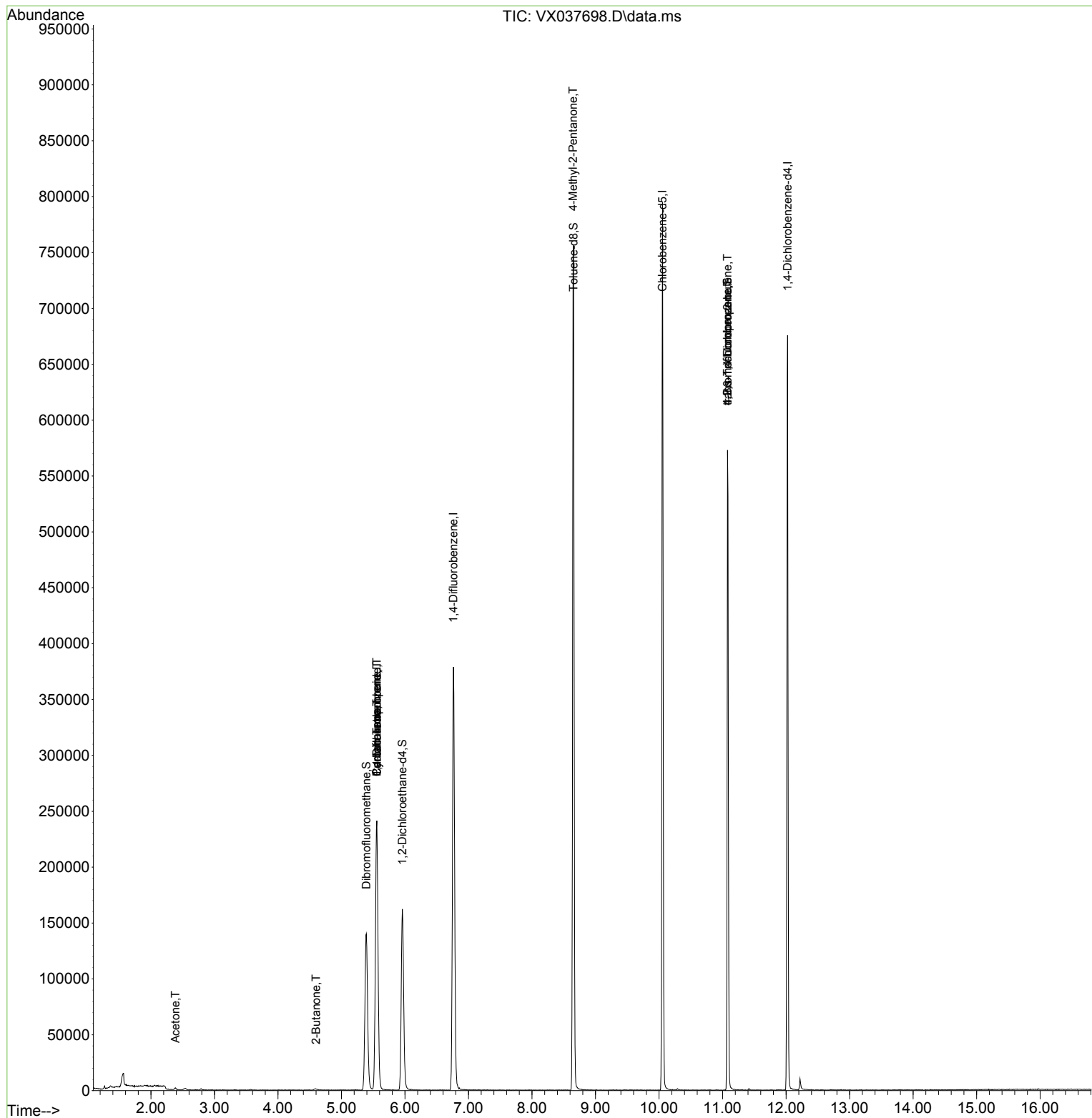
Internal Standards						
1) Pentafluorobenzene	5.556	168	222874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	388298	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	348975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155461	43.112	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.220%		
35) Dibromofluoromethane	5.391	113	122343	44.451	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.900%		
50) Toluene-d8	8.653	98	468746	45.158	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.320%#		
62) 4-Bromofluorobenzene	11.079	95	151518	40.460	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	80.920%#		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	49	Below Cal	#	78
16) Acetone	2.386	43	2091	1.434	ug/l #	79
20) Methylene Chloride	2.794	84	547	Below Cal	#	76
25) 2-Butanone	4.599	43	2144	0.902	ug/l	93
31) Cyclohexane	5.556	56	4996	1.203	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	19111	5.104	ug/l #	51
38) Carbon Tetrachloride	5.556	117	24154	6.315	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2069	0.461	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	79103	26.169	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	79103	79.547	ug/l #	5

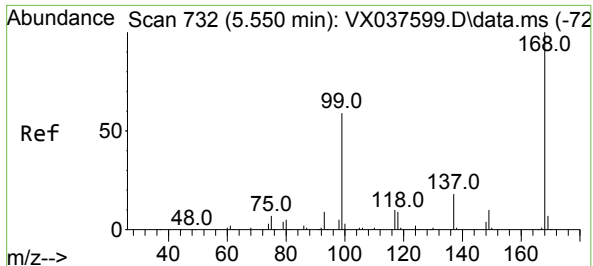
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

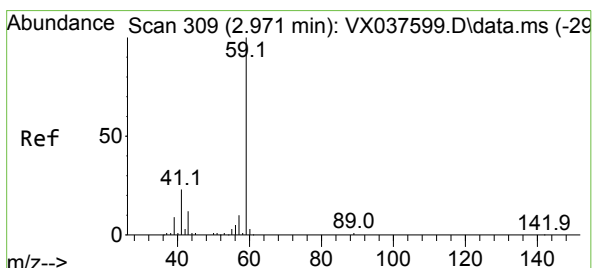
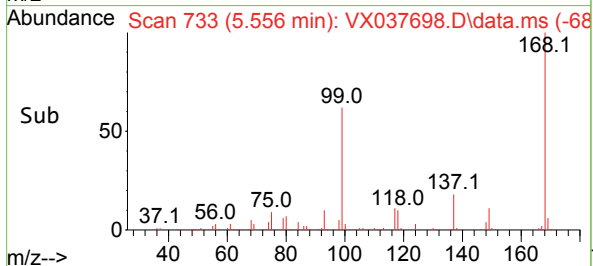
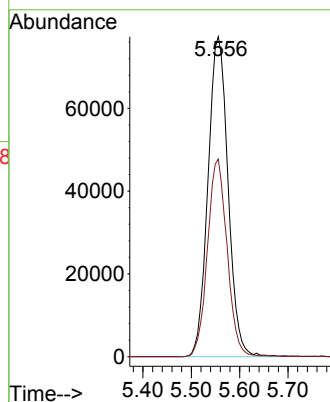
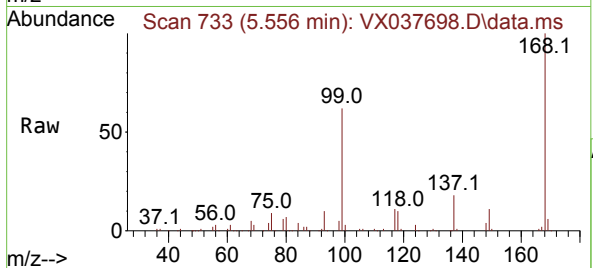




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037698.D
Acq: 13 Sep 2023 16:31

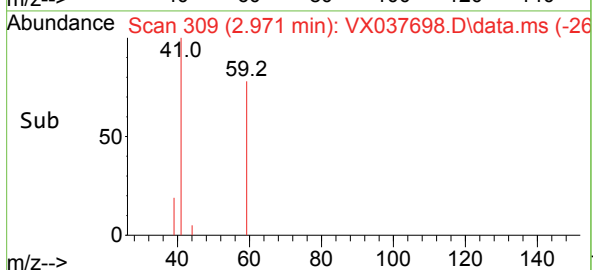
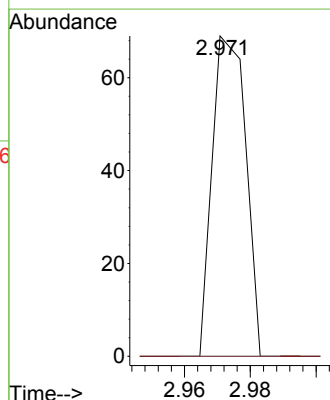
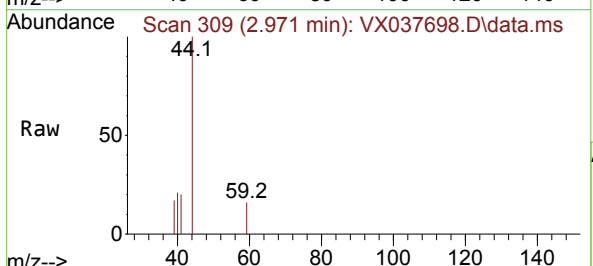
Instrument :
MSVOA_X
ClientSampleId :

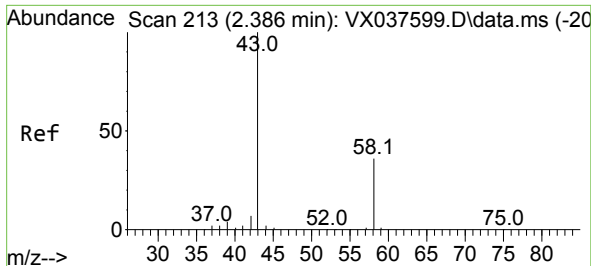
Tgt Ion:168 Resp: 222874
Ion Ratio Lower Upper
168 100
99 61.8 56.6 85.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.971 min Scan# 309
Delta R.T. -0.000 min
Lab File: VX037698.D
Acq: 13 Sep 2023 16:31

Tgt Ion: 59 Resp: 49
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

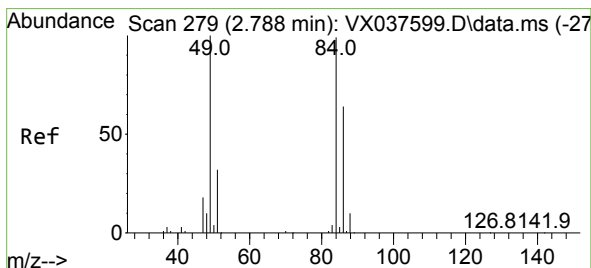
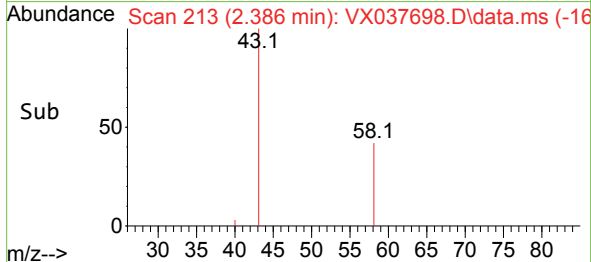
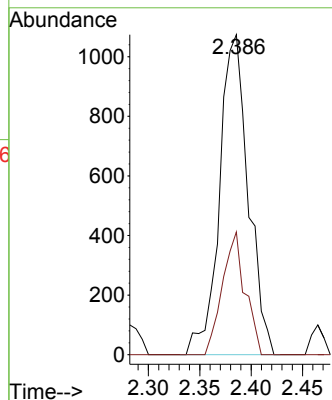
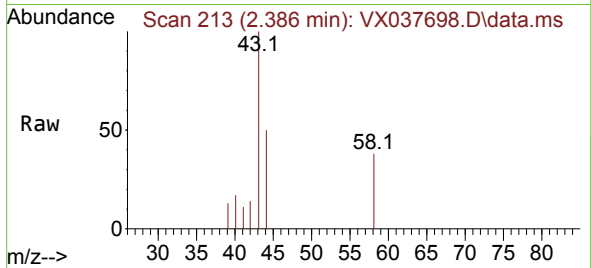




#16
Acetone
Concen: 1.434 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037698.D
Acq: 13 Sep 2023 16:31

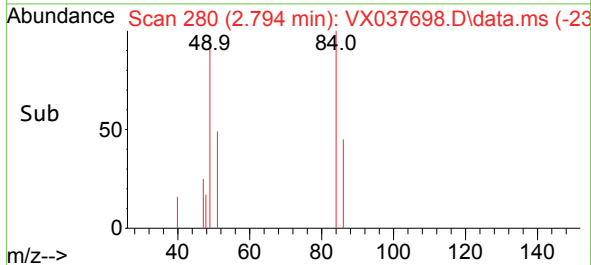
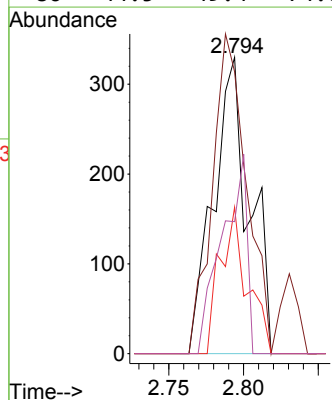
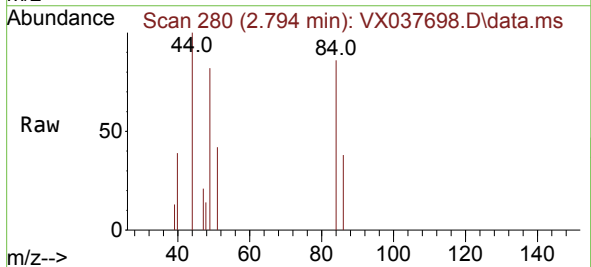
Instrument :
MSVOA_X
ClientSampleId :

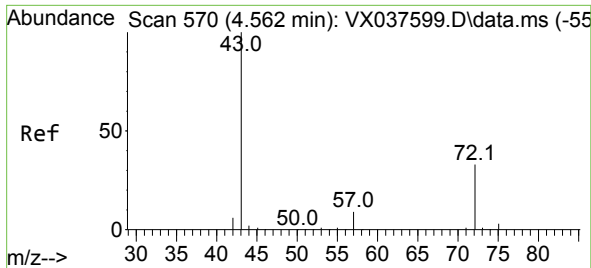
Tgt Ion: 43 Resp: 2091
Ion Ratio Lower Upper
43 100
58 38.4 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037698.D
Acq: 13 Sep 2023 16:31

Tgt Ion: 84 Resp: 547
Ion Ratio Lower Upper
84 100
49 95.2 103.6 155.4#
51 49.4 33.8 50.6
86 44.5 49.4 74.0#

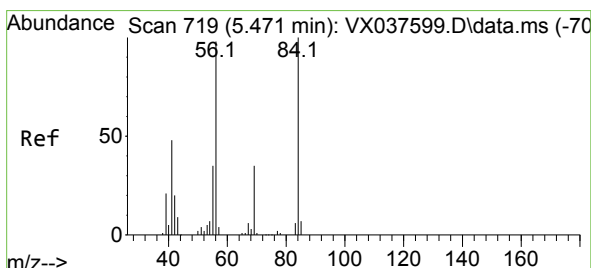
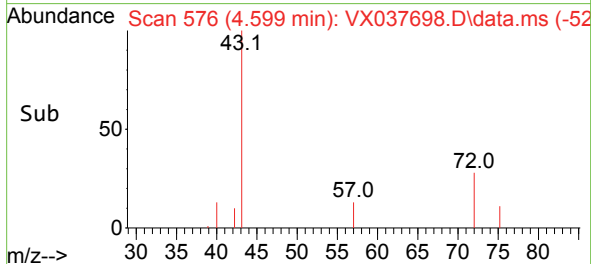
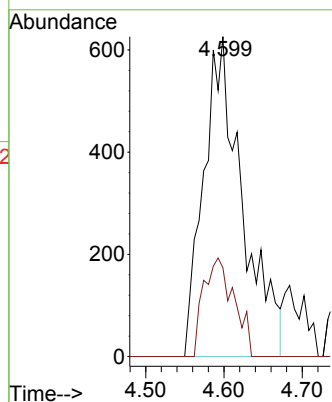
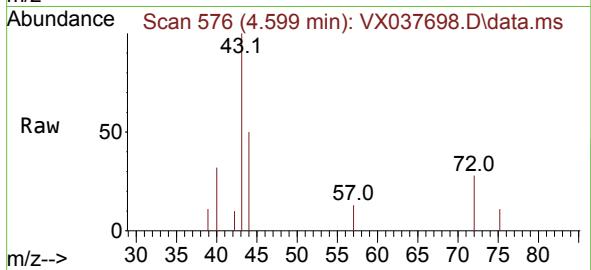




#25
2-Butanone
Concen: 0.902 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.036 min
Lab File: VX037698.D
Acq: 13 Sep 2023 16:31

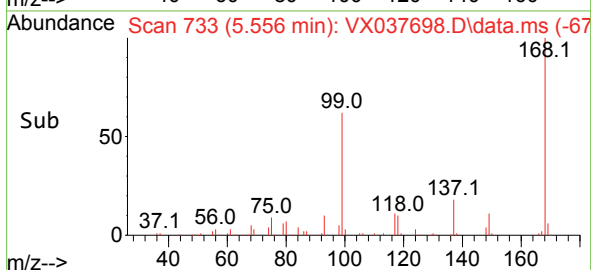
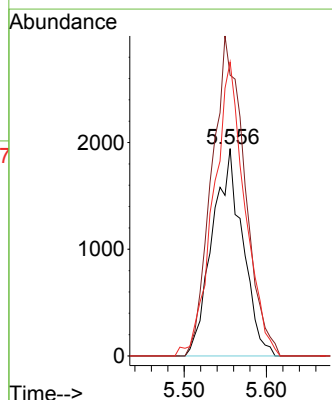
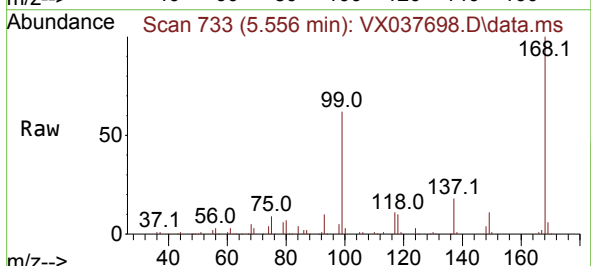
Instrument :
MSVOA_X
ClientSampleId :

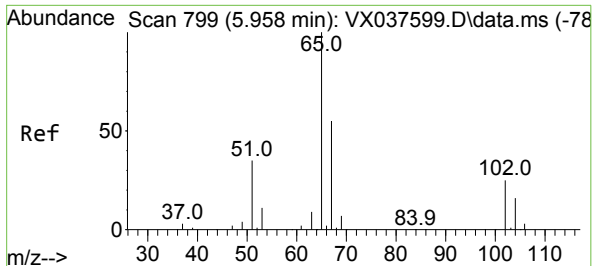
Tgt Ion: 43 Resp: 2144
Ion Ratio Lower Upper
43 100
72 27.8 19.4 29.2



#31
Cyclohexane
Concen: 1.203 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX037698.D
Acq: 13 Sep 2023 16:31

Tgt Ion: 56 Resp: 4996
Ion Ratio Lower Upper
56 100
69 135.4 23.4 35.2#
84 141.8 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.112 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037698.D

Acq: 13 Sep 2023 16:31

Instrument :

MSVOA_X

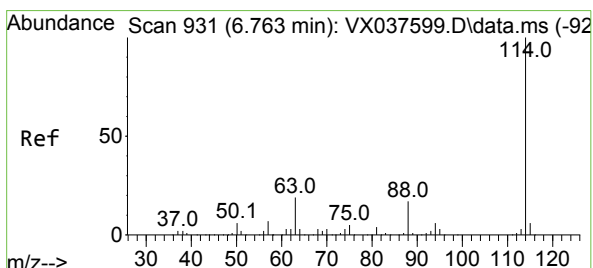
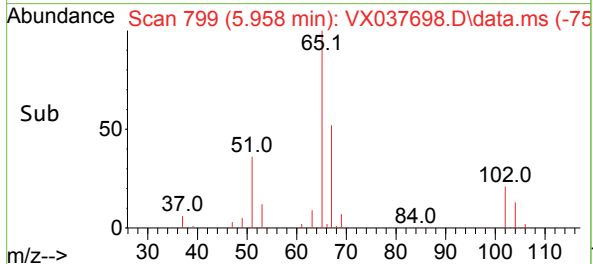
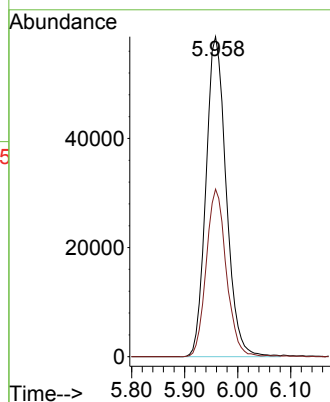
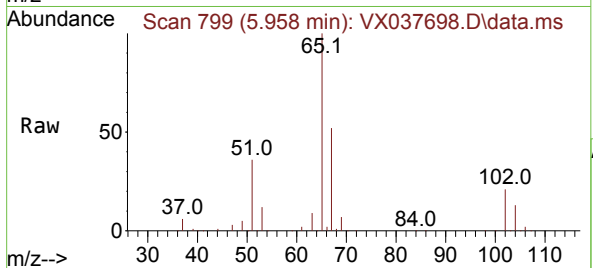
ClientSampleId :

Tgt Ion: 65 Resp: 155461

Ion Ratio Lower Upper

65 100

67 51.8 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: VX037698.D

Acq: 13 Sep 2023 16:31

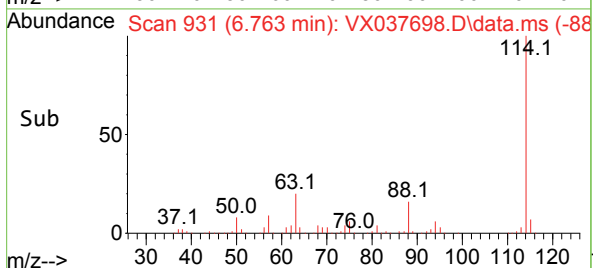
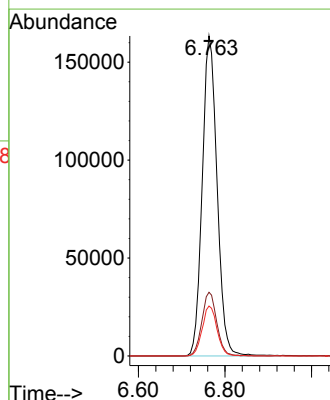
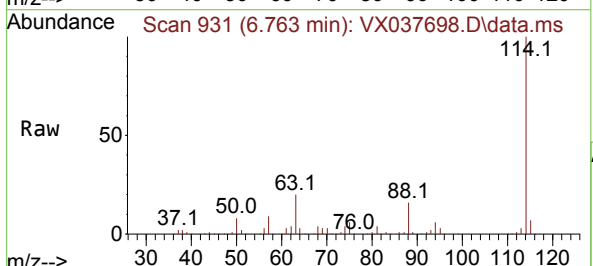
Tgt Ion: 114 Resp: 388298

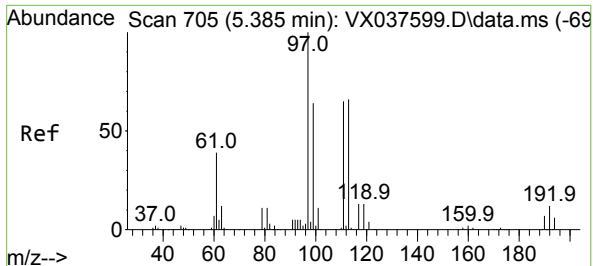
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 15.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.451 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

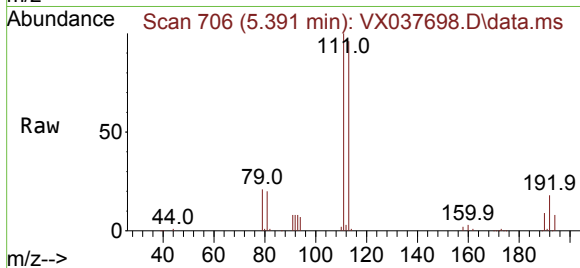
Lab File: VX037698.D

Acq: 13 Sep 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :



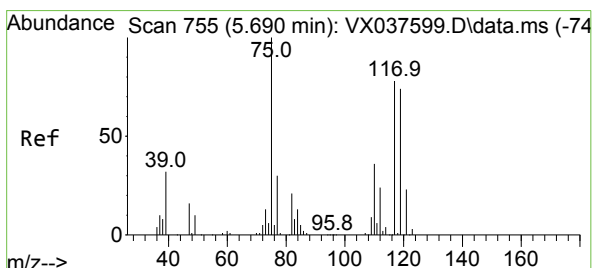
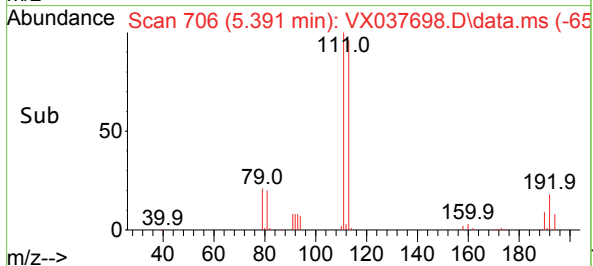
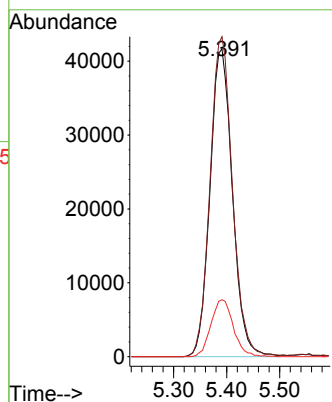
Tgt Ion:113 Resp: 122343

Ion Ratio Lower Upper

113 100

111 104.0 82.9 124.3

192 18.5 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.104 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX037698.D

Acq: 13 Sep 2023 16:31

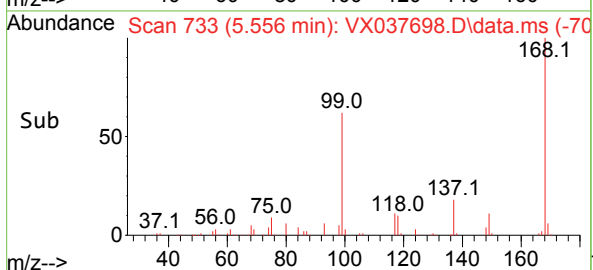
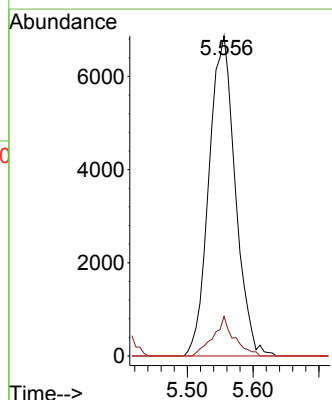
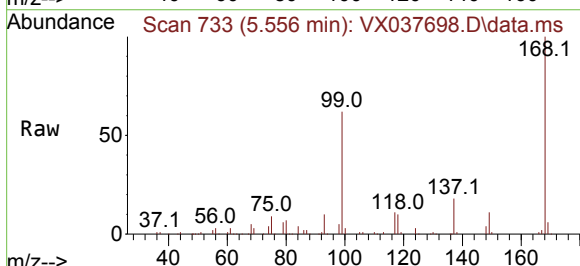
Tgt Ion: 75 Resp: 19111

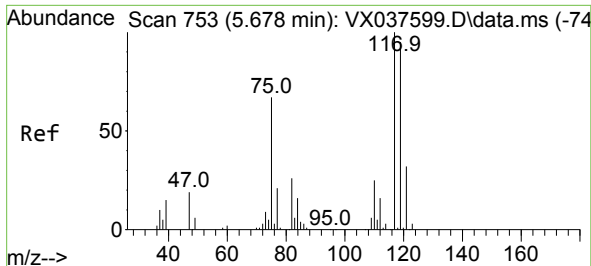
Ion Ratio Lower Upper

75 100

110 9.8 17.0 50.9#

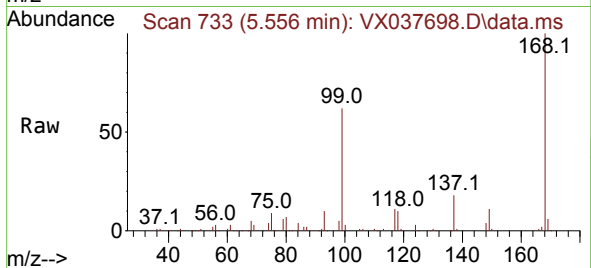
77 0.0 24.7 37.1#



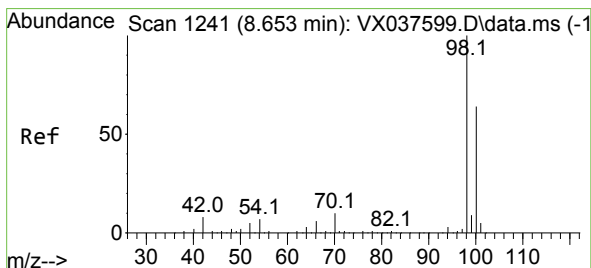
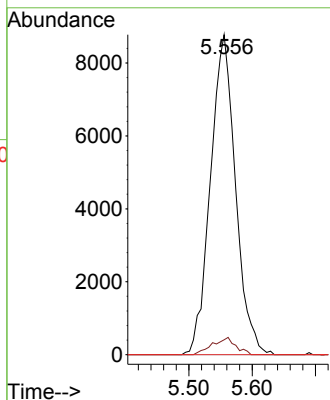
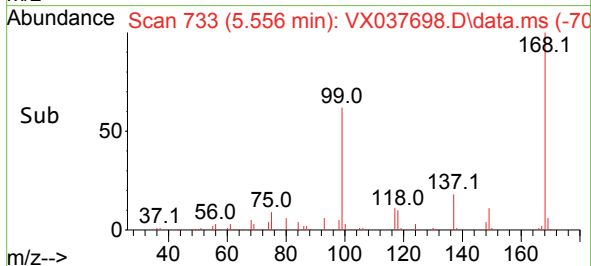


#38
Carbon Tetrachloride
Concen: 6.315 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX037698.D
Acq: 13 Sep 2023 16:31

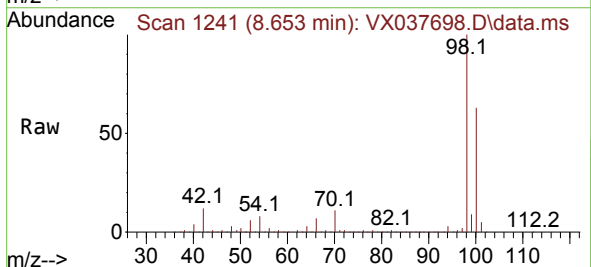
Instrument :
MSVOA_X
ClientSampleId :



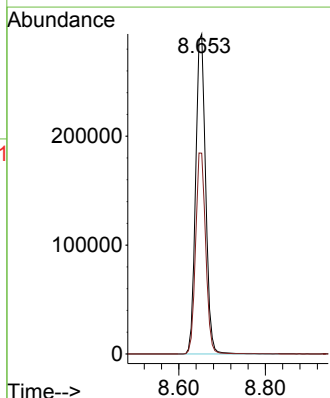
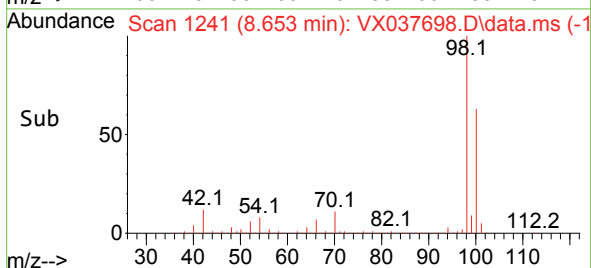
Tgt Ion:117 Resp: 24154
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#

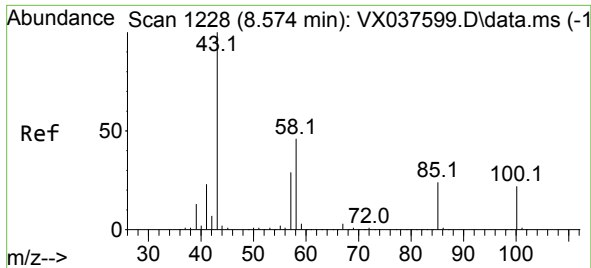


#50
Toluene-d8
Concen: 45.158 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX037698.D
Acq: 13 Sep 2023 16:31



Tgt Ion: 98 Resp: 468746
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

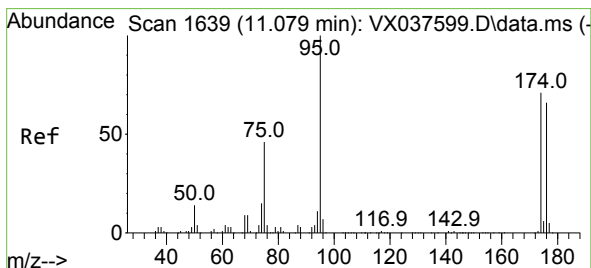
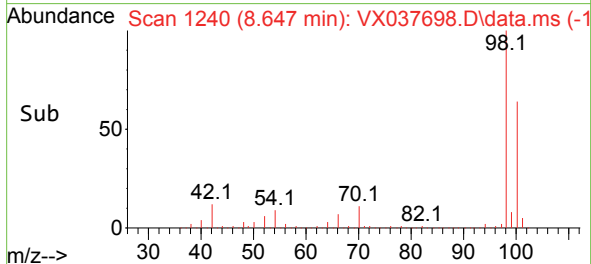
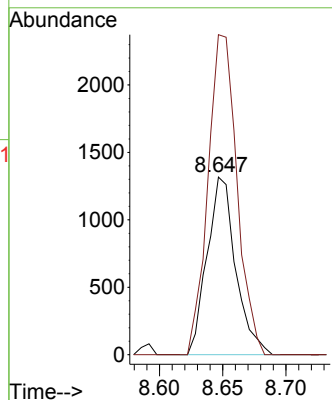
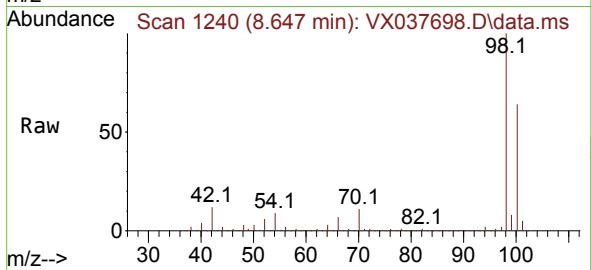




#51
4-Methyl-2-Pentanone
Concen: 0.461 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037698.D
Acq: 13 Sep 2023 16:31

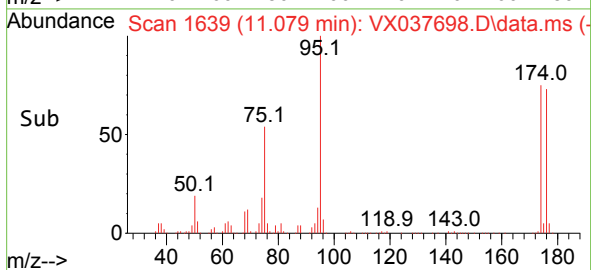
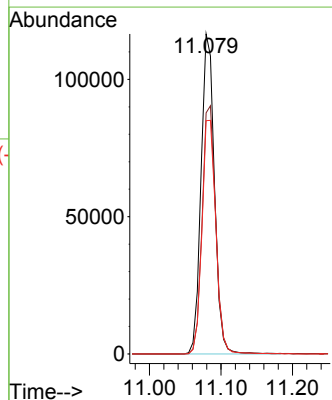
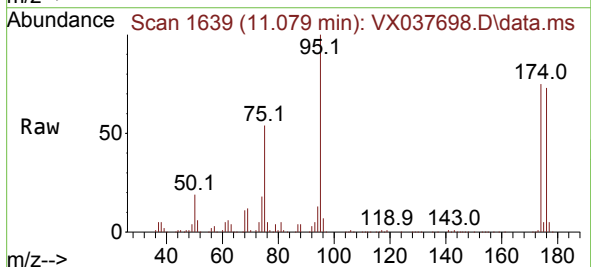
Instrument :
MSVOA_X
ClientSampleId :

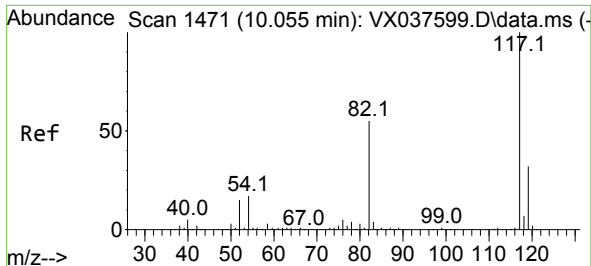
Tgt Ion: 43 Resp: 2069
Ion Ratio Lower Upper
43 100
58 183.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 40.460 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037698.D
Acq: 13 Sep 2023 16:31

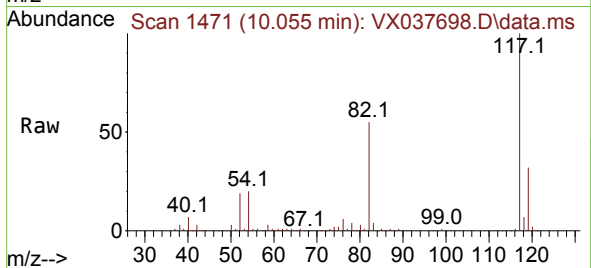
Tgt Ion: 95 Resp: 151518
Ion Ratio Lower Upper
95 100
174 78.8 0.0 135.6
176 75.8 0.0 131.0



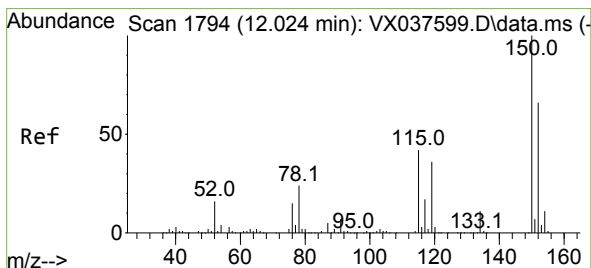
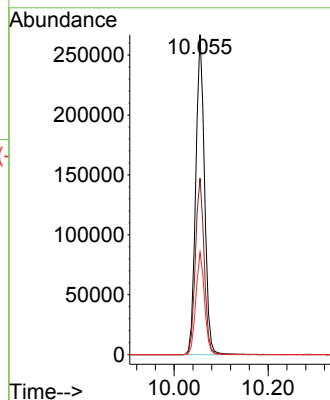
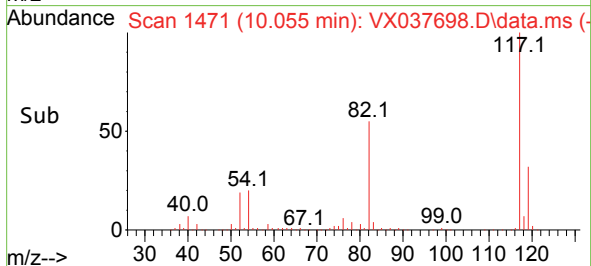


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037698.D
Acq: 13 Sep 2023 16:31

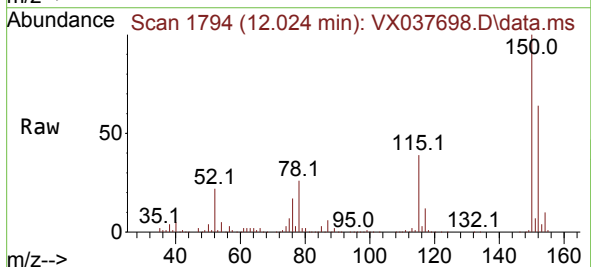
Instrument :
MSVOA_X
ClientSampleId :



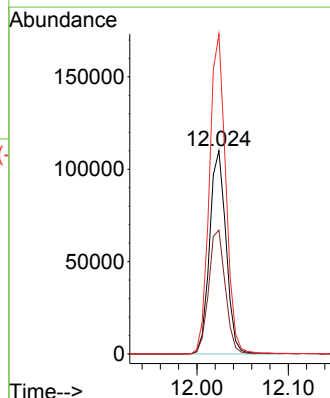
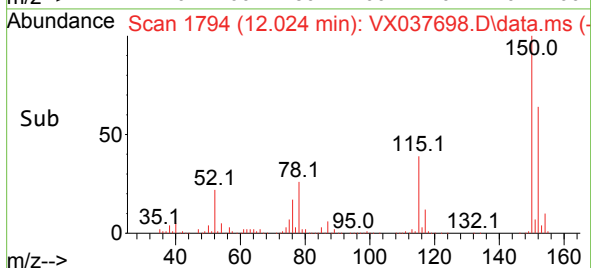
Tgt Ion:117 Resp: 348975
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 32.0 25.5 38.3

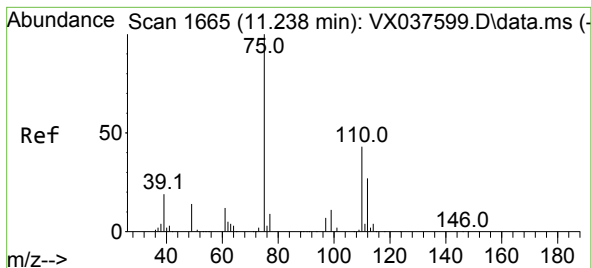


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037698.D
Acq: 13 Sep 2023 16:31



Tgt Ion:152 Resp: 137494
Ion Ratio Lower Upper
152 100
115 61.9 43.3 129.9
150 156.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.169 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037698.D

Acq: 13 Sep 2023 16:31

Instrument :

MSVOA_X

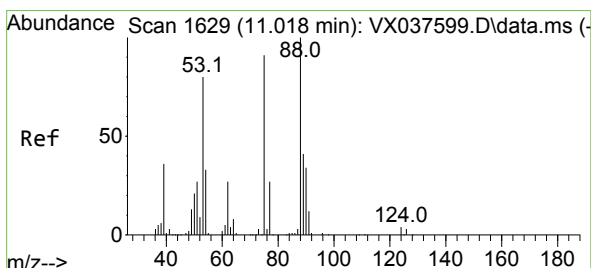
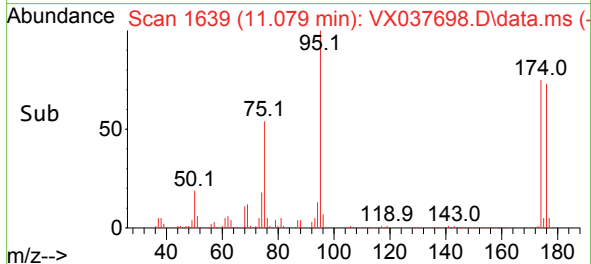
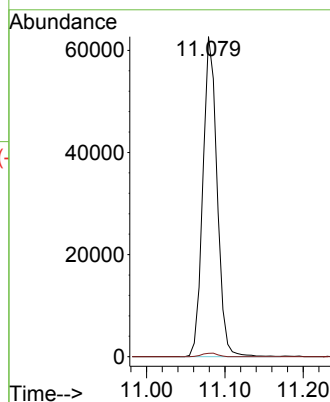
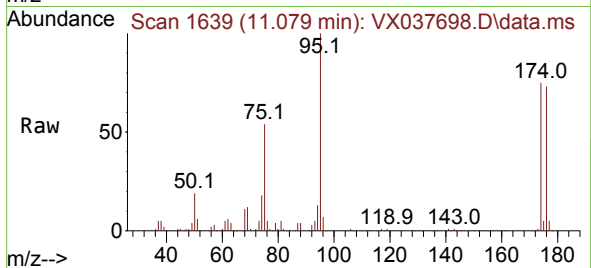
ClientSampleId :

Tgt Ion: 75 Resp: 79103

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.547 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037698.D

Acq: 13 Sep 2023 16:31

Tgt Ion: 75 Resp: 79103

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

