

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037693.D
 Acq On : 13 Sep 2023 14:29
 Operator : JC/MD
 Sample : 04352-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 14 02:20:21 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)

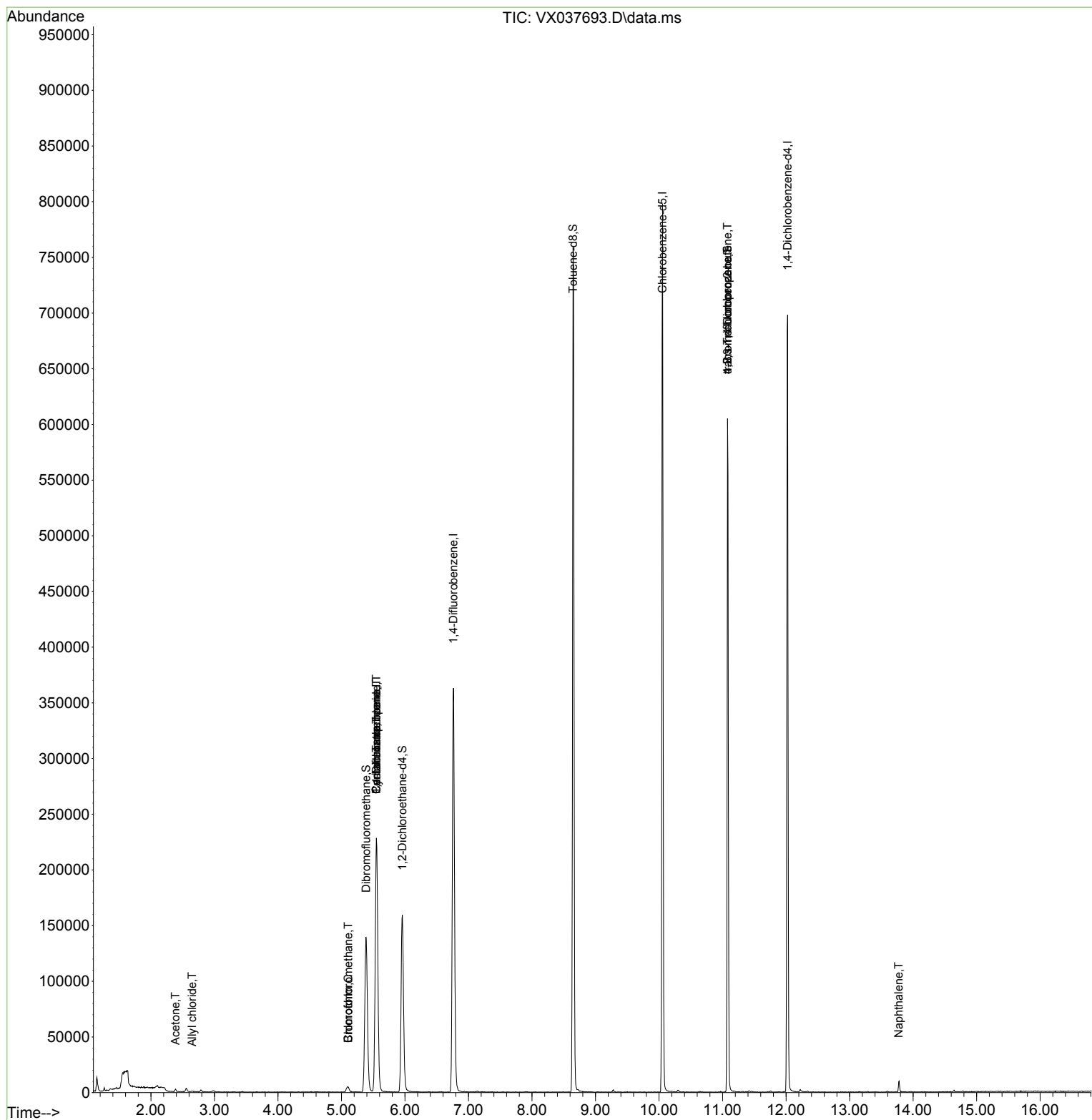
Internal Standards						
1) Pentafluorobenzene	5.550	168	213849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	378678	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	348870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155241	44.868	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	89.740%	
35) Dibromofluoromethane	5.385	113	122141	45.505	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	91.020%	
50) Toluene-d8	8.647	98	459553	45.397	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	90.800%#	
62) 4-Bromofluorobenzene	11.079	95	159225	43.598	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	87.200%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	1620	Below Cal	#	90
14) Allyl chloride	2.648	41	1131	0.293	ug/l #	42
16) Acetone	2.386	43	2388	1.707	ug/l	92
20) Methylene Chloride	2.794	84	1025	Below Cal	#	82
28) Bromochloromethane	5.105	49	500	0.202	ug/l #	16
30) Chloroform	5.105	83	6038	1.143	ug/l	86
31) Cyclohexane	5.550	56	4916	1.234	ug/l #	8
36) 1,1-Dichloropropene	5.550	75	17862	4.892	ug/l #	50
38) Carbon Tetrachloride	5.550	117	22466	6.023	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	82552	25.094	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	82552	76.279	ug/l #	5
95) Naphthalene	13.774	128	7019	0.638	ug/l	96

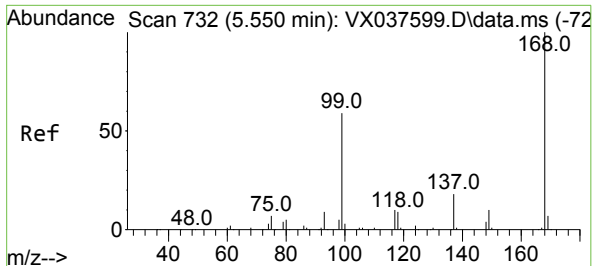
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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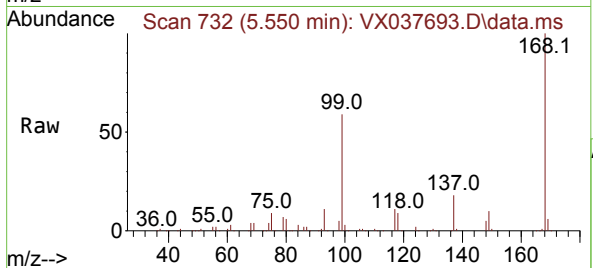
Quant Time: Sep 14 02:20:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration



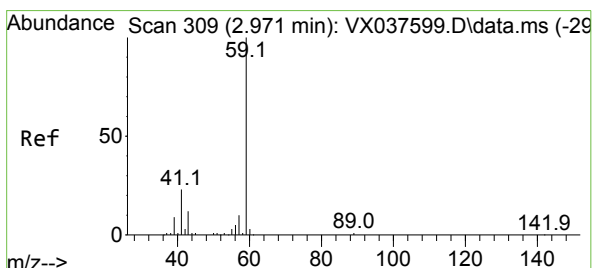
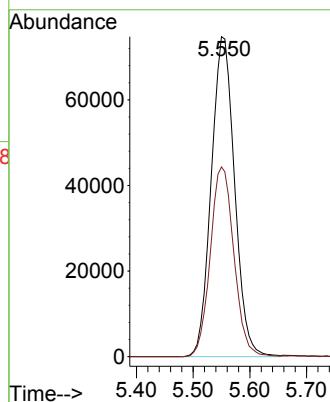
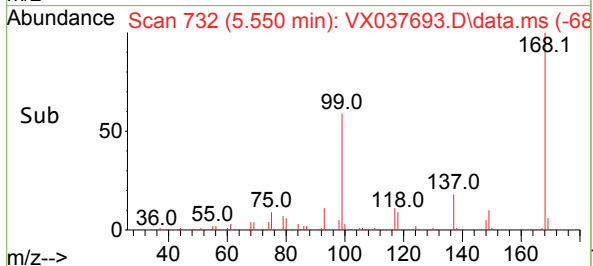


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037693.D
Acq: 13 Sep 2023 14:29

Instrument :
MSVOA_X
ClientSampleId :

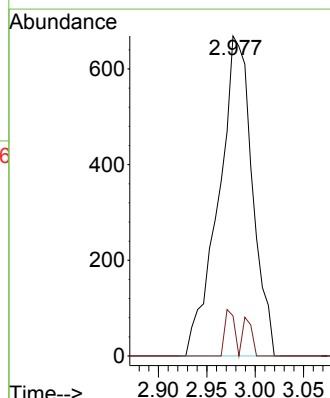
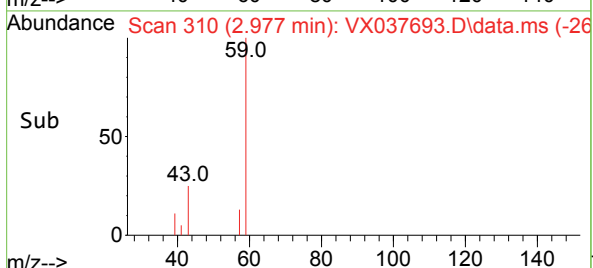
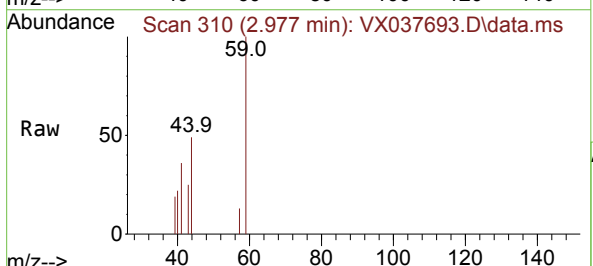


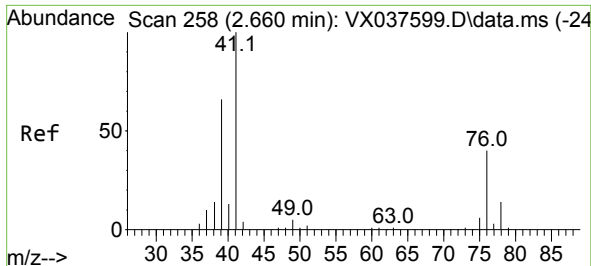
Tgt Ion:168 Resp: 213849
Ion Ratio Lower Upper
168 100
99 59.3 56.6 85.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.977 min Scan# 310
Delta R.T. 0.006 min
Lab File: VX037693.D
Acq: 13 Sep 2023 14:29

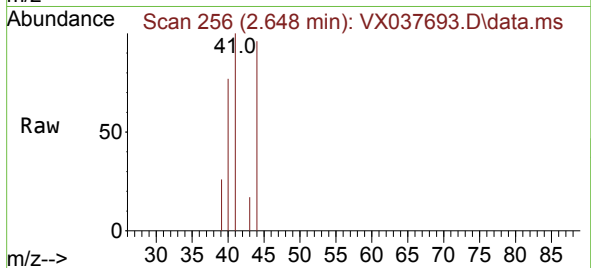
Tgt Ion: 59 Resp: 1620
Ion Ratio Lower Upper
59 100
57 4.1 6.0 9.0#



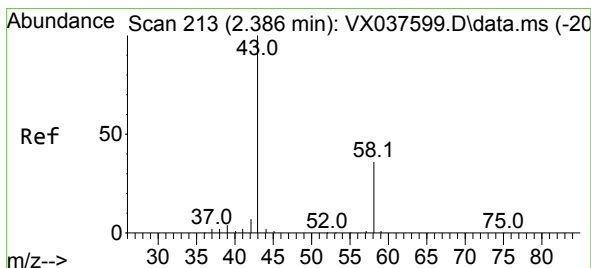
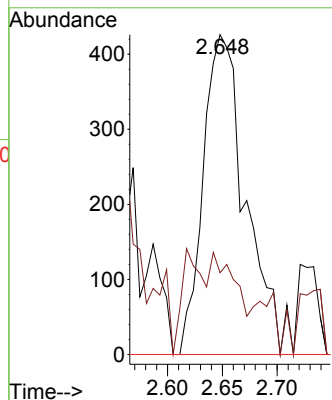


#14
Allyl chloride
Concen: 0.293 ug/l
RT: 2.648 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX037693.D
Acq: 13 Sep 2023 14:29

Instrument :
MSVOA_X
ClientSampleId :

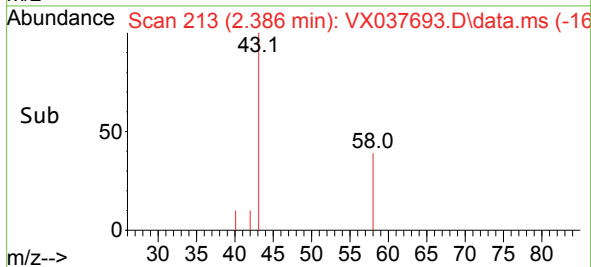
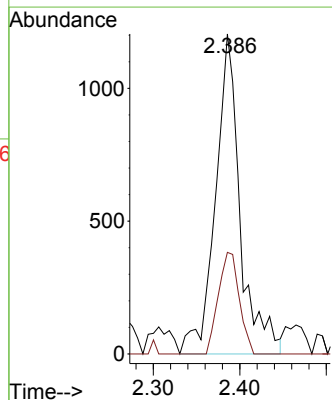
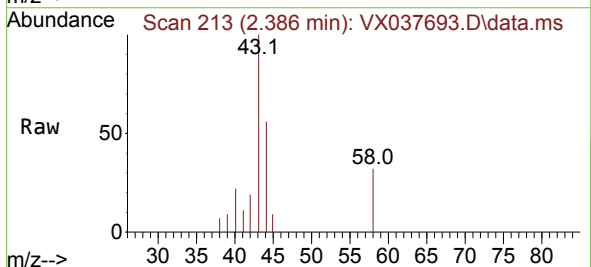


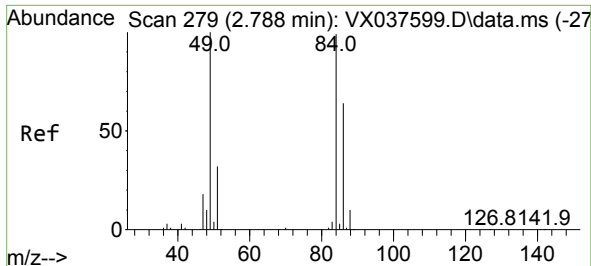
Tgt Ion: 41 Resp: 1131
Ion Ratio Lower Upper
41 100
39 21.7 55.8 83.6#
76 0.0 24.3 36.5#



#16
Acetone
Concen: 1.707 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037693.D
Acq: 13 Sep 2023 14:29

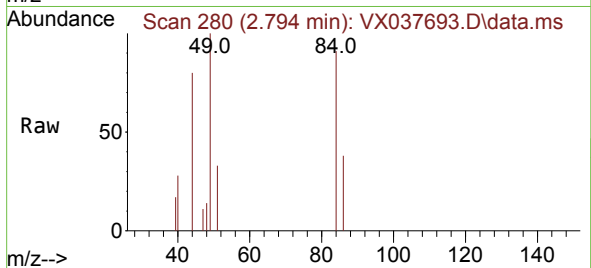
Tgt Ion: 43 Resp: 2388
Ion Ratio Lower Upper
43 100
58 31.8 21.9 32.9



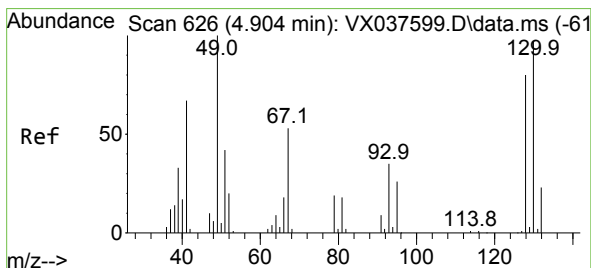
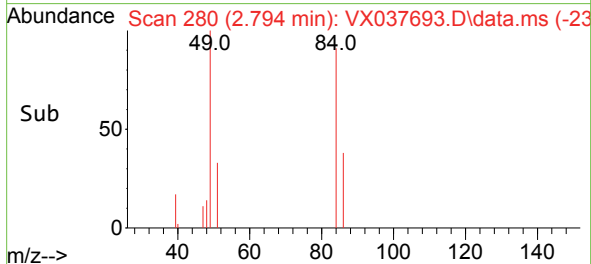
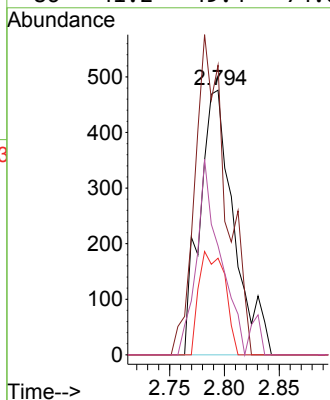


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037693.D
Acq: 13 Sep 2023 14:29

Instrument :
MSVOA_X
ClientSampleId :

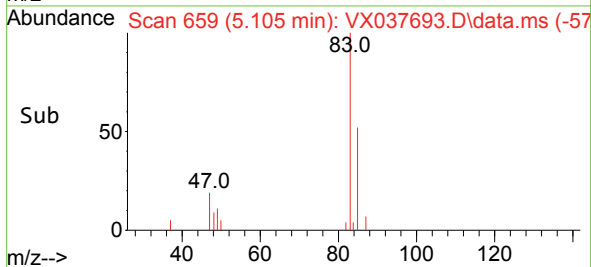
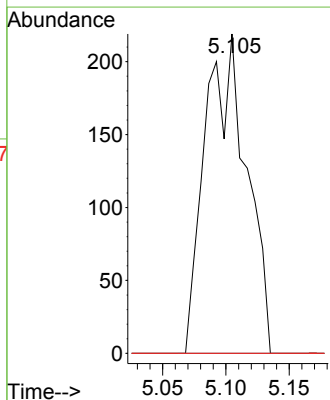
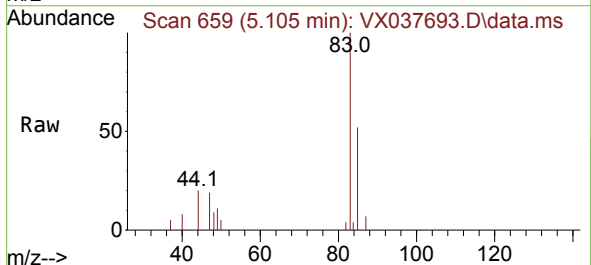


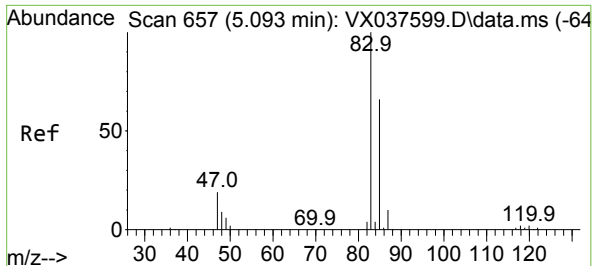
Tgt Ion:	84	Resp:	1025
Ion	Ratio	Lower	Upper
84	100		
49	109.5	103.6	155.4
51	36.6	33.8	50.6
86	41.2	49.4	74.0



#28
Bromochloromethane
Concen: 0.202 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.201 min
Lab File: VX037693.D
Acq: 13 Sep 2023 14:29

Tgt Ion:	49	Resp:	500
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	57.5	86.3





#30

Chloroform

Concen: 1.143 ug/l

RT: 5.105 min Scan# 6

Delta R.T. 0.012 min

Lab File: VX037693.D

Acq: 13 Sep 2023 14:29

Instrument :

MSVOA_X

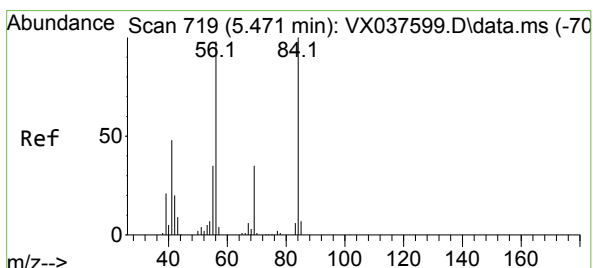
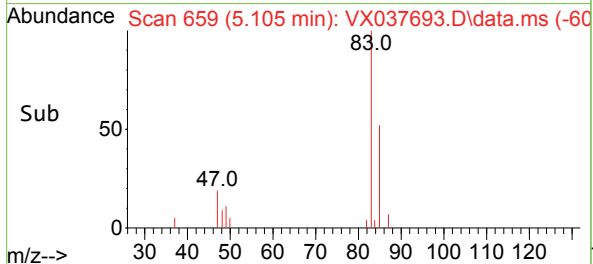
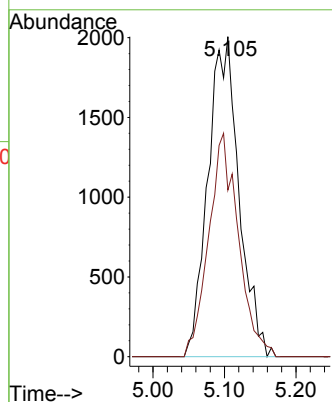
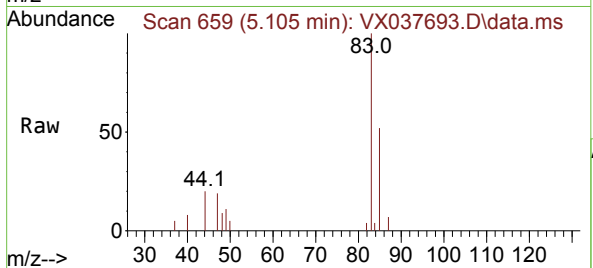
ClientSampleId :

Tgt Ion: 83 Resp: 6038

Ion Ratio Lower Upper

83 100

85 52.0 50.3 75.5



#31

Cyclohexane

Concen: 1.234 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX037693.D

Acq: 13 Sep 2023 14:29

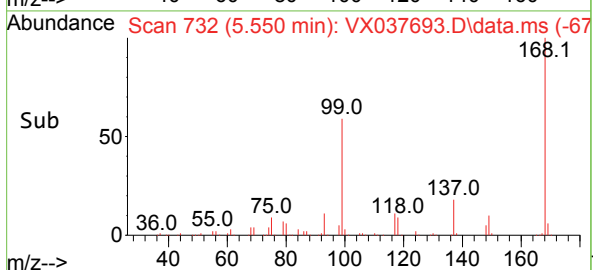
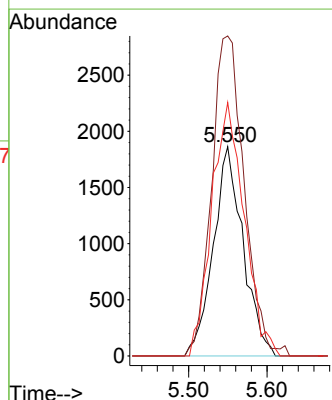
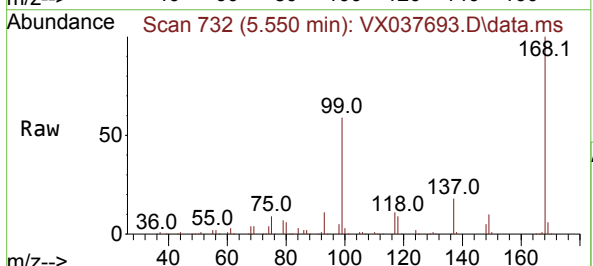
Tgt Ion: 56 Resp: 4916

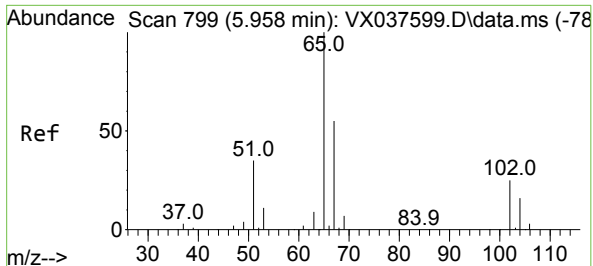
Ion Ratio Lower Upper

56 100

69 152.8 23.4 35.2#

84 121.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.868 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037693.D

Acq: 13 Sep 2023 14:29

Instrument :

MSVOA_X

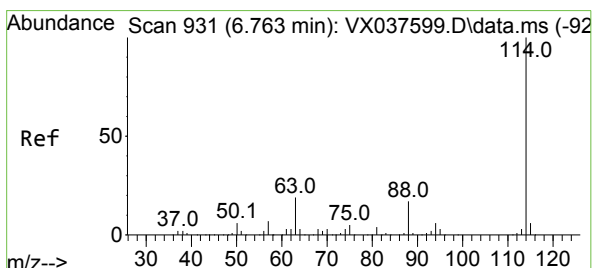
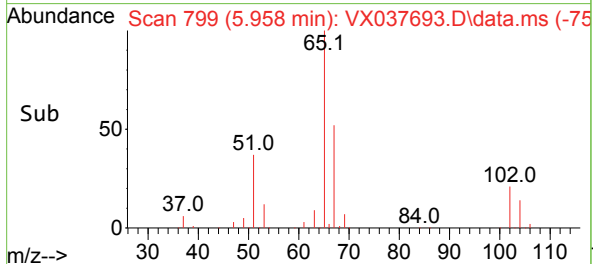
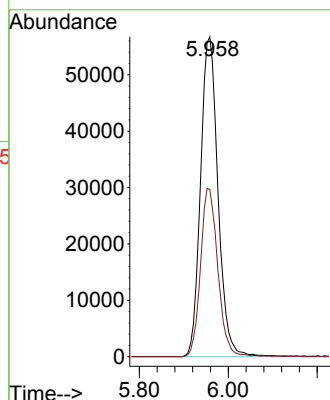
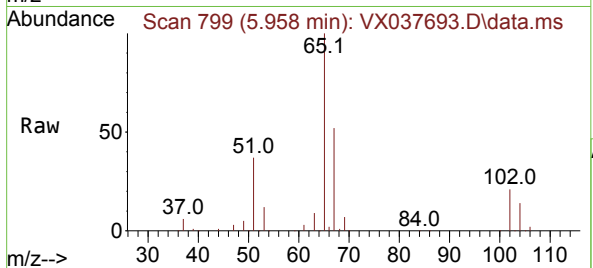
ClientSampleId :

Tgt Ion: 65 Resp: 155241

Ion Ratio Lower Upper

65 100

67 52.0 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: VX037693.D

Acq: 13 Sep 2023 14:29

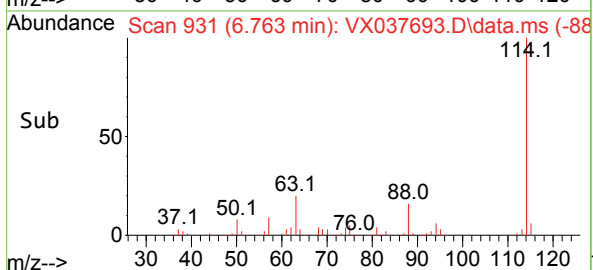
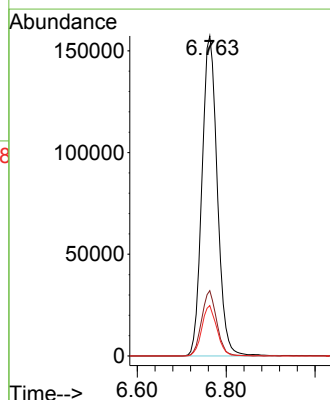
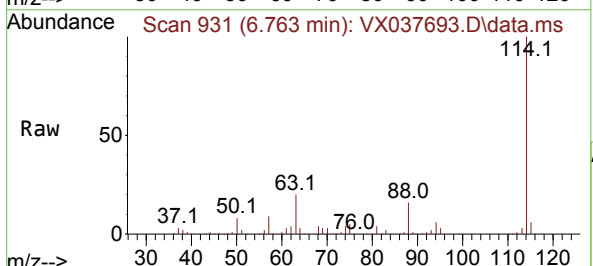
Tgt Ion: 114 Resp: 378678

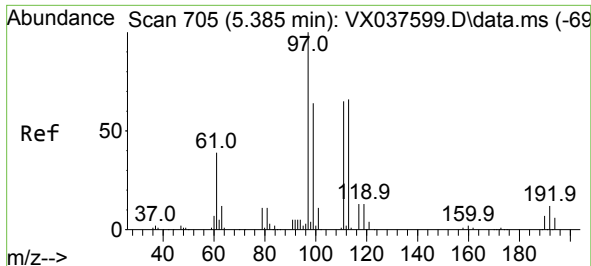
Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.0

88 15.7 0.0 36.6

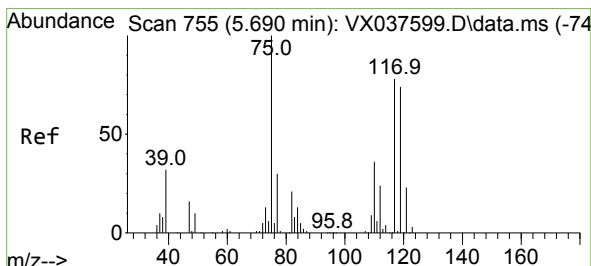
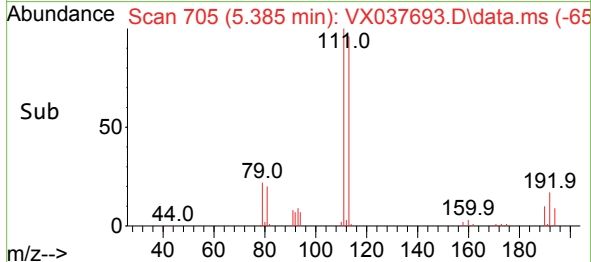
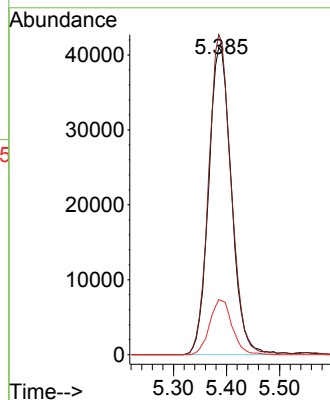
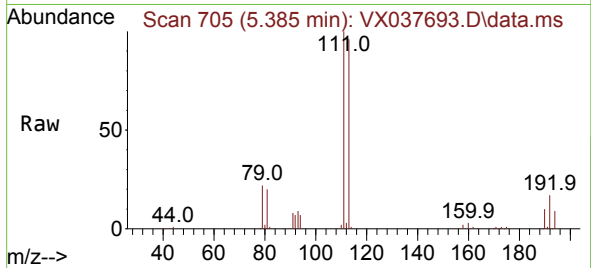




#35
Dibromofluoromethane
Concen: 45.505 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037693.D
Acq: 13 Sep 2023 14:29

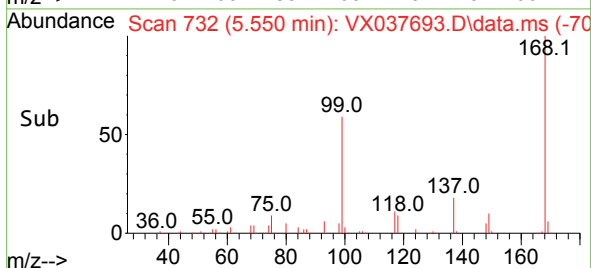
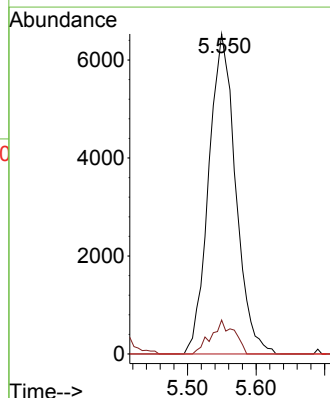
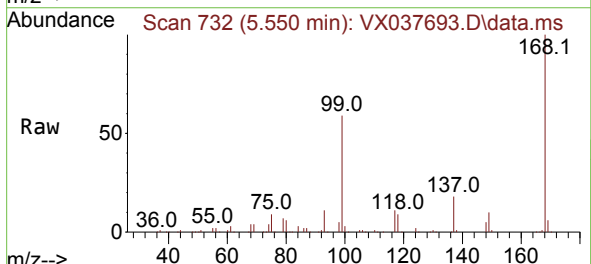
Instrument :
MSVOA_X
ClientSampleId :

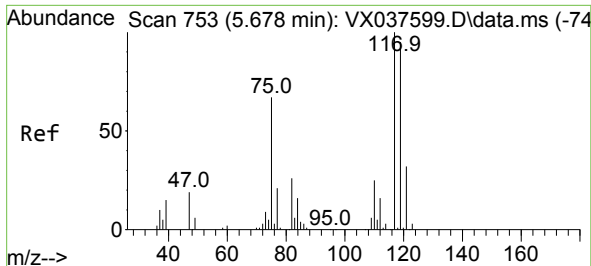
Tgt Ion:113 Resp: 122141
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 17.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.892 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX037693.D
Acq: 13 Sep 2023 14:29

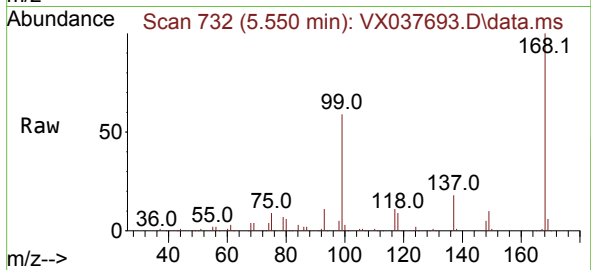
Tgt Ion: 75 Resp: 17862
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



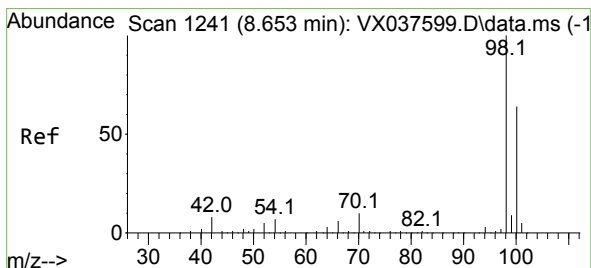
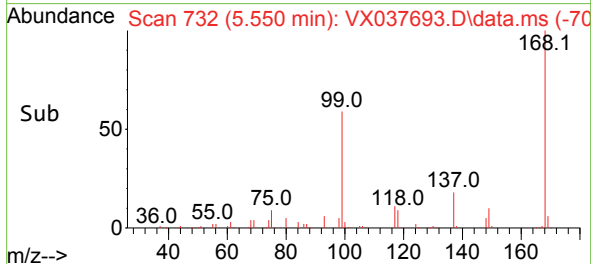
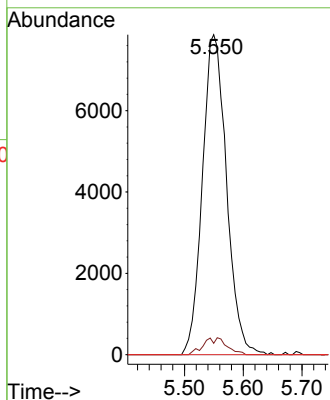


#38
Carbon Tetrachloride
Concen: 6.023 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037693.D
Acq: 13 Sep 2023 14:29

Instrument :
MSVOA_X
ClientSampleId :

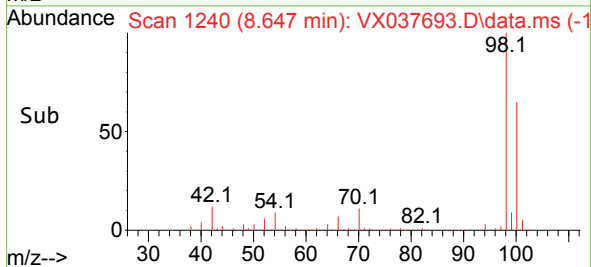
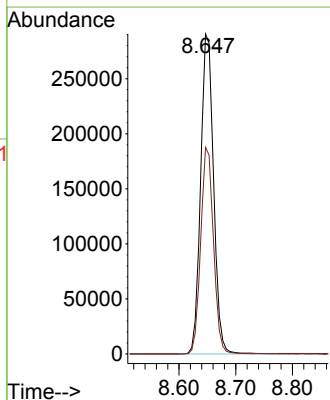
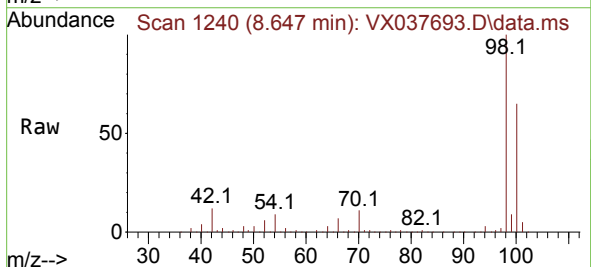


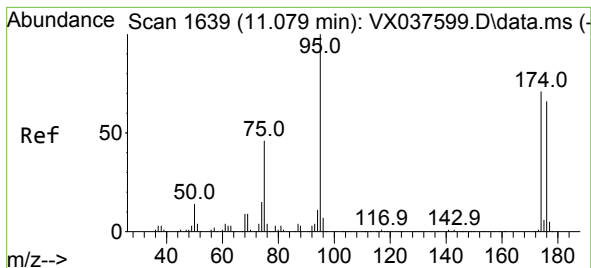
Tgt Ion:117 Resp: 22466
Ion Ratio Lower Upper
117 100
119 3.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.397 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX037693.D
Acq: 13 Sep 2023 14:29

Tgt Ion: 98 Resp: 459553
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

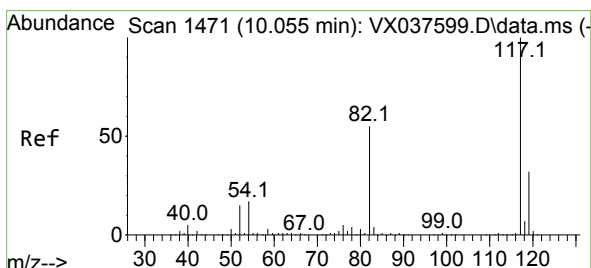
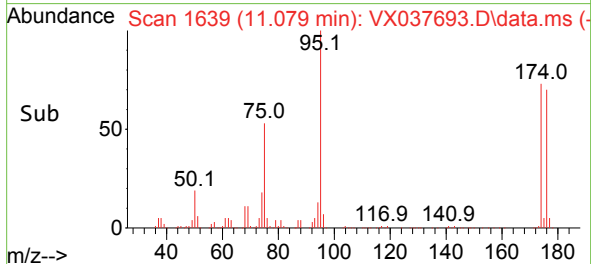
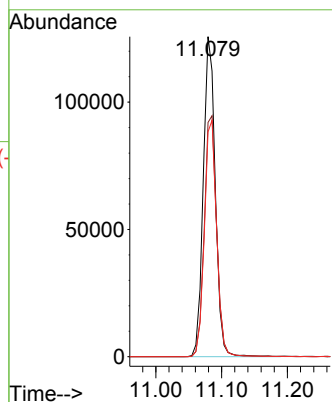
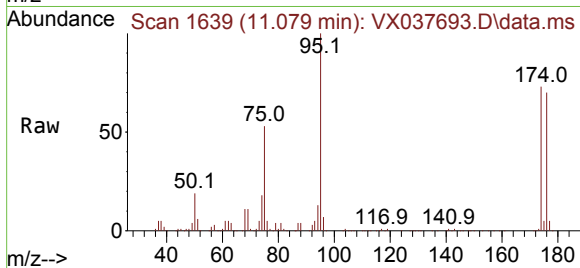




#62
4-Bromofluorobenzene
Concen: 43.598 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037693.D
Acq: 13 Sep 2023 14:29

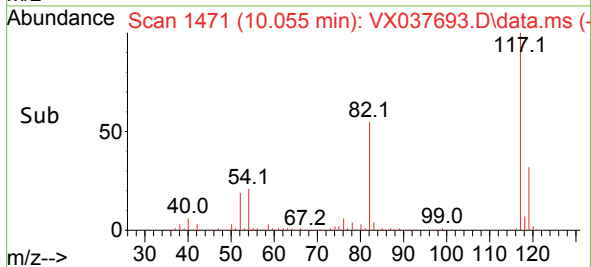
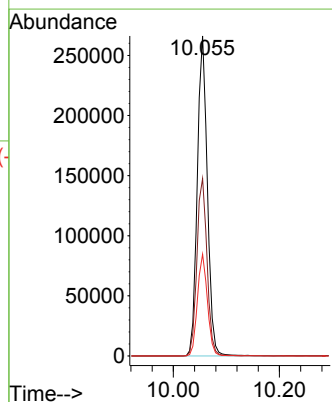
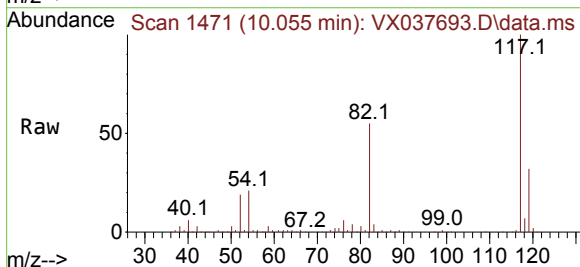
Instrument :
MSVOA_X
ClientSampleId :

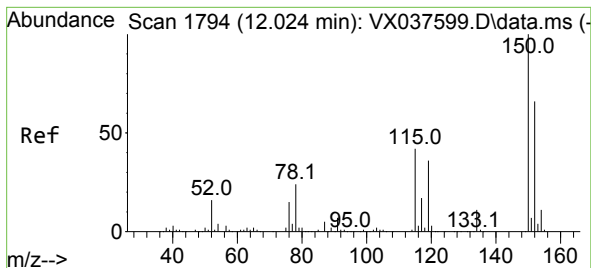
Tgt Ion: 95 Resp: 159225
Ion Ratio Lower Upper
95 100
174 77.7 0.0 135.6
176 75.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037693.D
Acq: 13 Sep 2023 14:29

Tgt Ion: 117 Resp: 348870
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 31.8 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: VX037693.D

Acq: 13 Sep 2023 14:29

Instrument :

MSVOA_X

ClientSampleId :

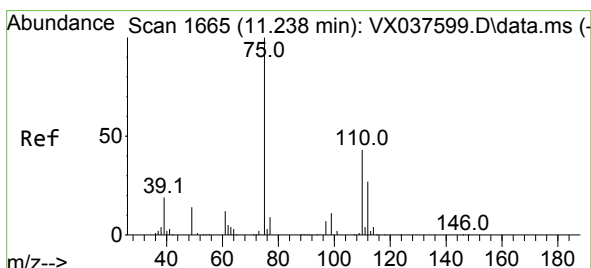
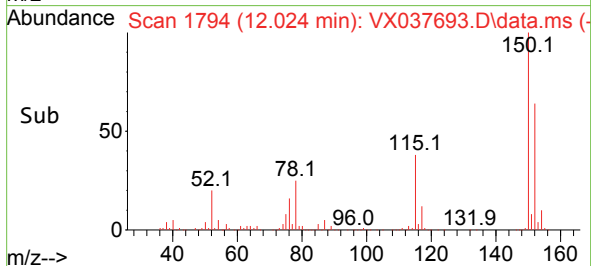
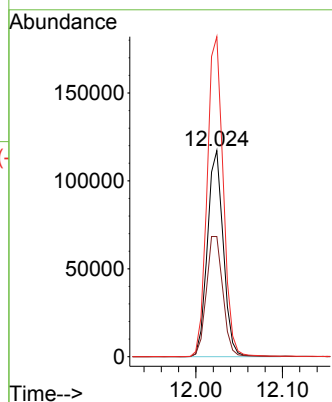
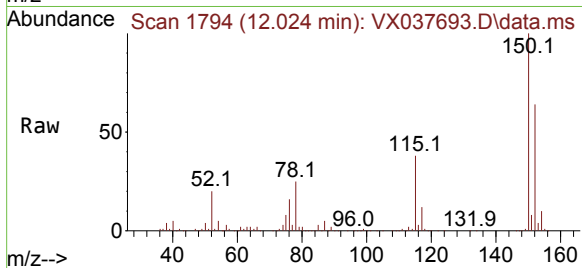
Tgt Ion:152 Resp: 149636

Ion Ratio Lower Upper

152 100

115 60.7 43.3 129.9

150 157.2 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.094 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037693.D

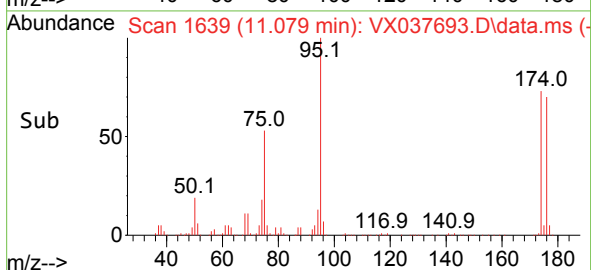
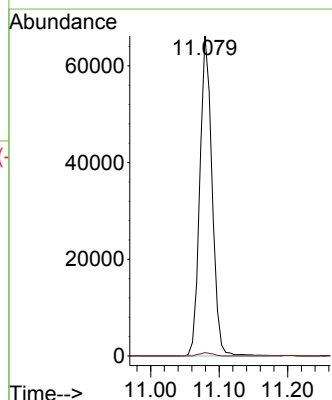
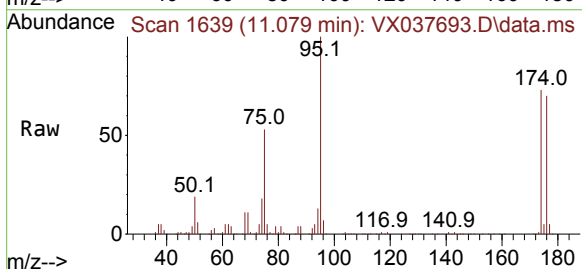
Acq: 13 Sep 2023 14:29

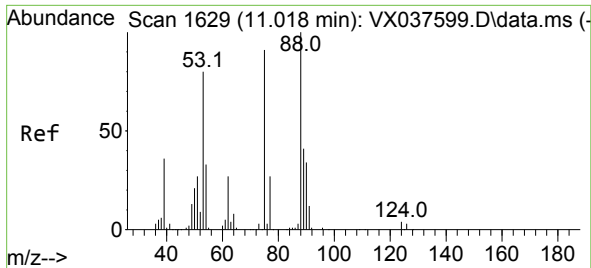
Tgt Ion: 75 Resp: 82552

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

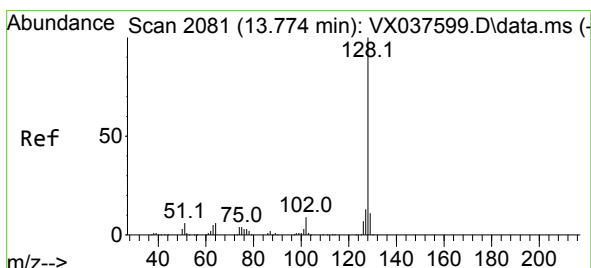
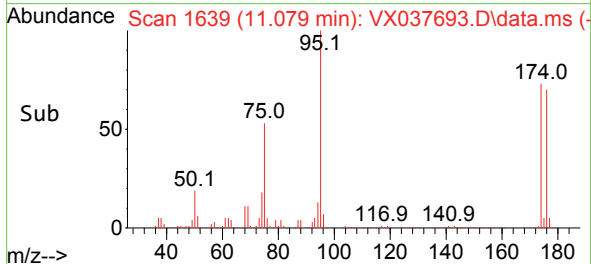
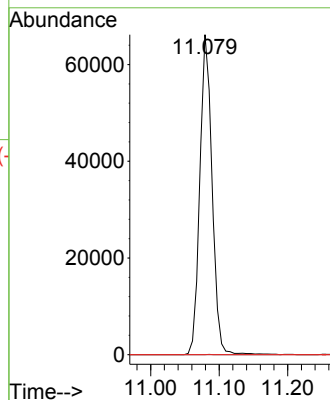
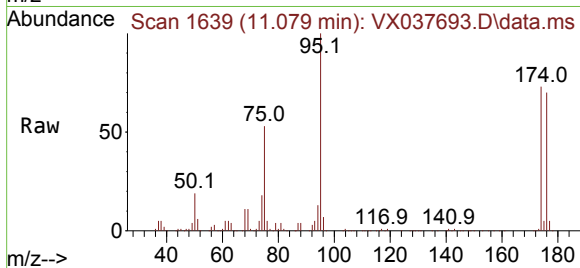




#81
trans-1,4-Dichloro-2-butene
Concen: 76.279 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037693.D
Acq: 13 Sep 2023 14:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 82552
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.638 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037693.D
Acq: 13 Sep 2023 14:29

Tgt Ion:128 Resp: 7019
Ion Ratio Lower Upper
128 100
127 11.8 10.3 15.5
129 8.8 8.8 13.2

