

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037701.D
 Acq On : 13 Sep 2023 17:44
 Operator : JC/MD
 Sample : 04351-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 14 02:23:21 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)

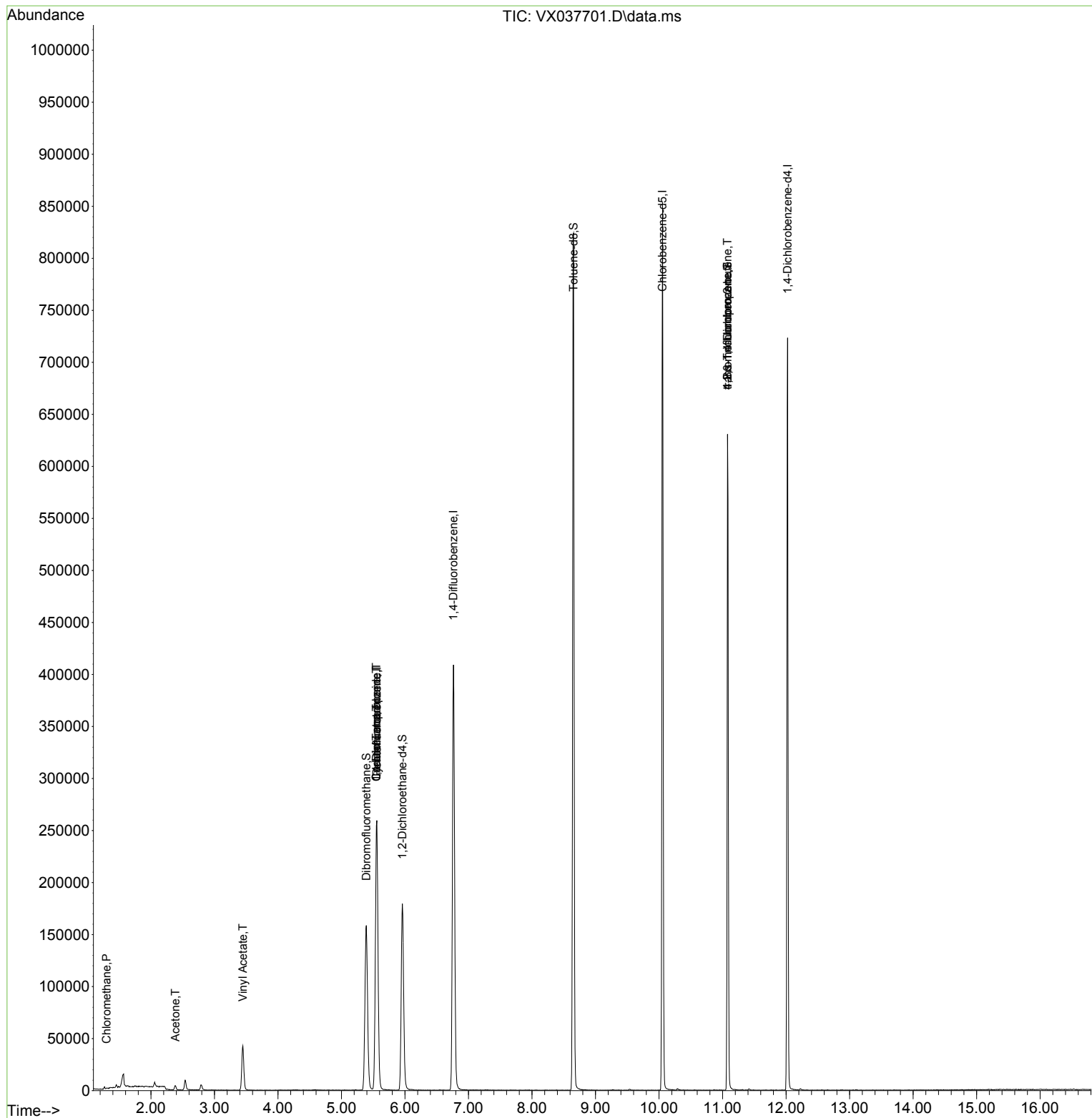
Internal Standards						
1) Pentafluorobenzene	5.556	168	241815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	416752	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	375129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	172048	43.975	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	87.960%	
35) Dibromofluoromethane	5.391	113	137442	46.528	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	93.060%	
50) Toluene-d8	8.653	98	506957	45.505	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	91.000%#	
62) 4-Bromofluorobenzene	11.079	95	162185	40.352	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	80.700%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	615	0.204	ug/l #	84
11) Tert butyl alcohol	2.953	59	96	Below Cal	#	78
16) Acetone	2.386	43	4738	2.995	ug/l	91
20) Methylene Chloride	2.788	84	2735	Below Cal	#	85
23) Vinyl Acetate	3.447	43	10001	1.444	ug/l #	36
31) Cyclohexane	5.550	56	5583	1.239	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	19884	4.948	ug/l #	51
38) Carbon Tetrachloride	5.550	117	25126	6.120	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	84887	26.177	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	84887	79.570	ug/l #	5

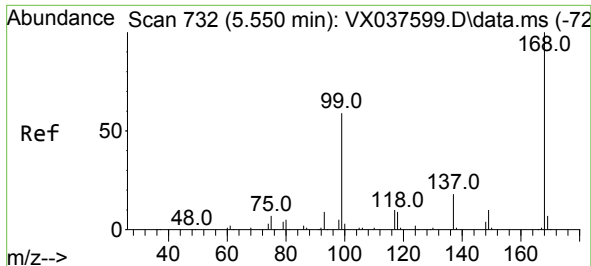
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
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MSVOA_X
ClientSampleId :

Quant Time: Sep 14 02:23:21 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

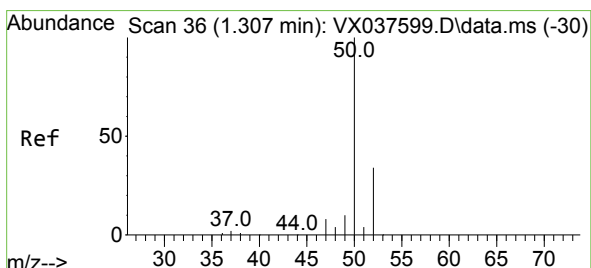
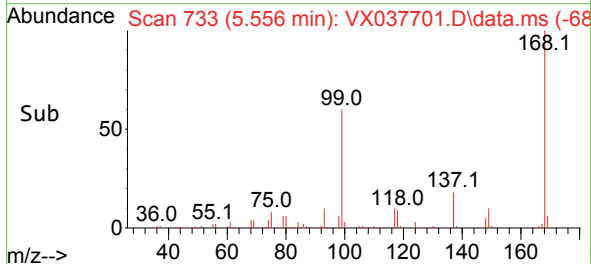
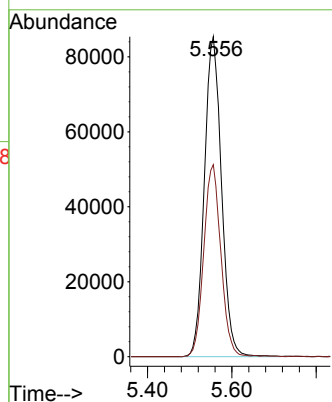
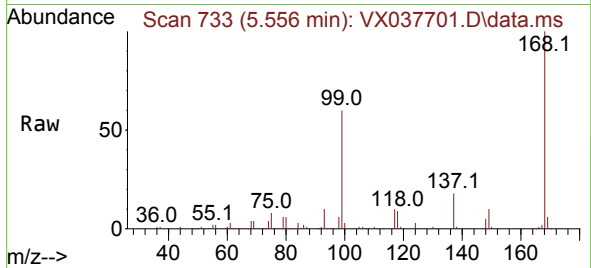




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037701.D
Acq: 13 Sep 2023 17:44

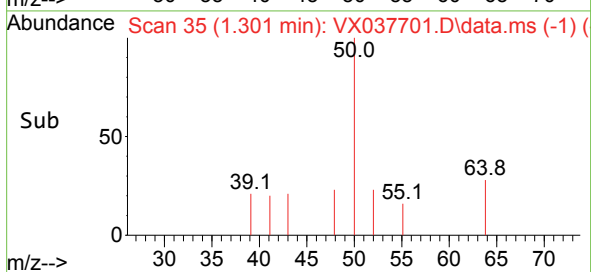
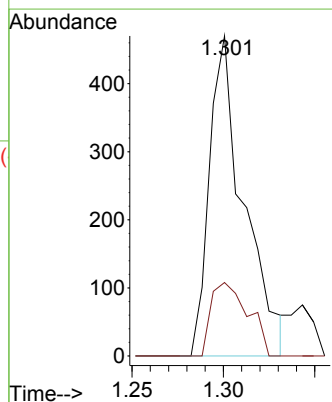
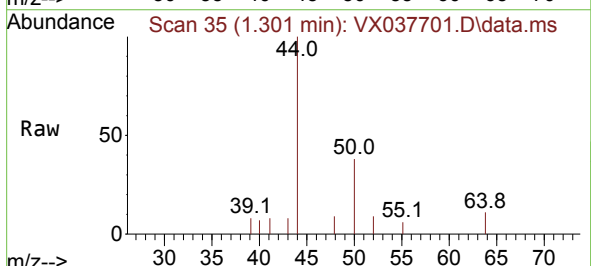
Instrument :
MSVOA_X
ClientSampleId :

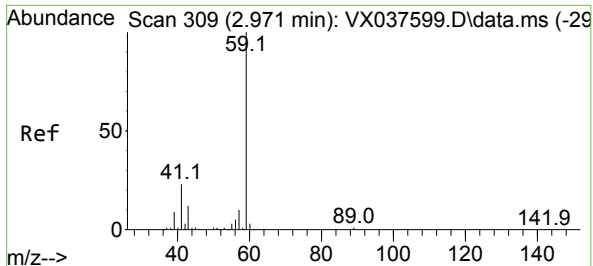
Tgt Ion:168 Resp: 241815
Ion Ratio Lower Upper
168 100
99 60.0 56.6 85.0



#3
Chloromethane
Concen: 0.204 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX037701.D
Acq: 13 Sep 2023 17:44

Tgt Ion: 50 Resp: 615
Ion Ratio Lower Upper
50 100
52 23.0 25.5 38.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 309

Delta R.T. -0.018 min

Lab File: VX037701.D

Acq: 13 Sep 2023 17:44

Instrument :

MSVOA_X

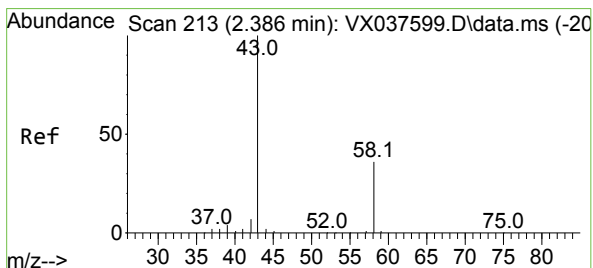
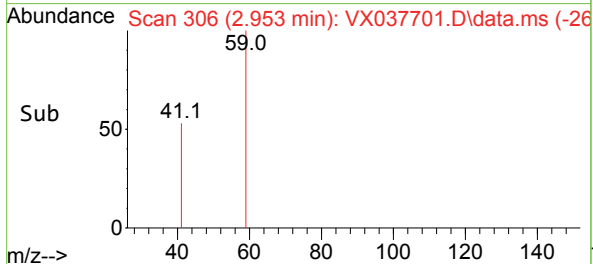
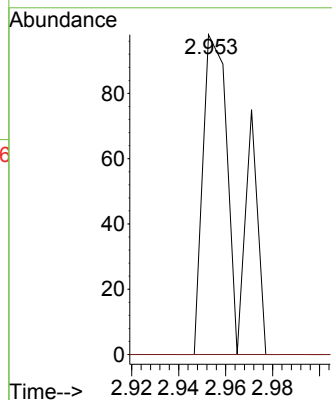
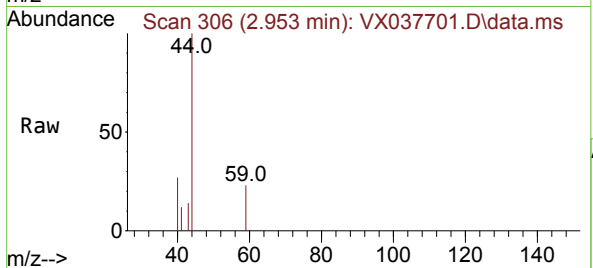
ClientSampleId :

Tgt Ion: 59 Resp: 96

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 2.995 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX037701.D

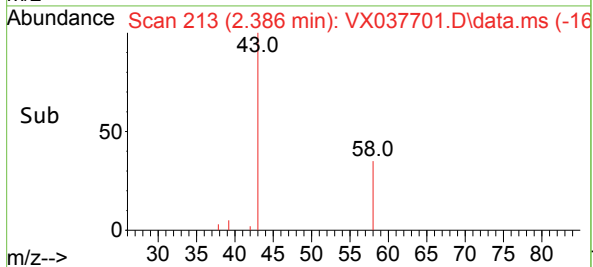
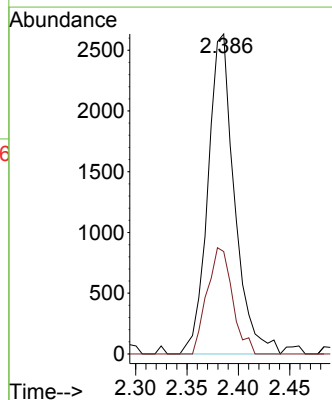
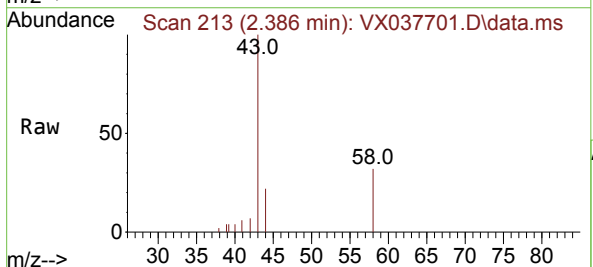
Acq: 13 Sep 2023 17:44

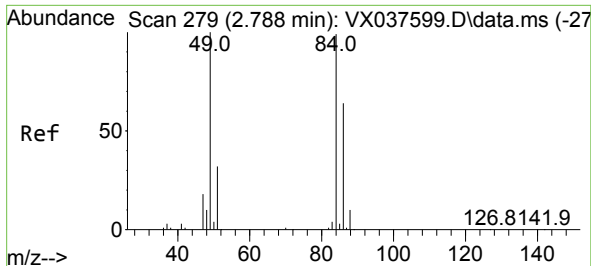
Tgt Ion: 43 Resp: 4738

Ion Ratio Lower Upper

43 100

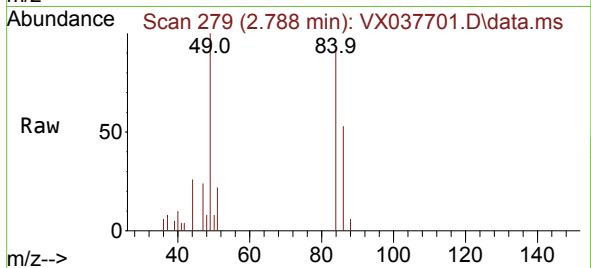
58 32.0 21.9 32.9



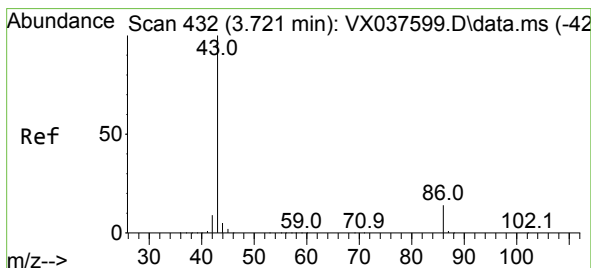
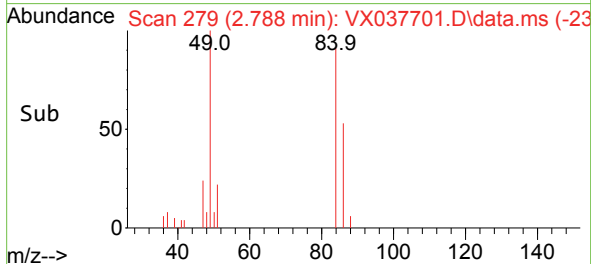
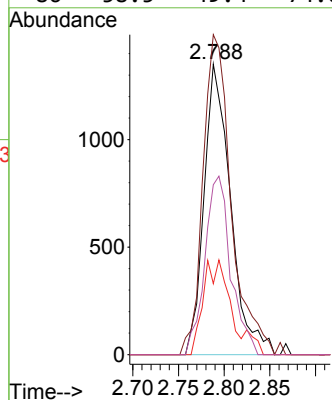


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037701.D
Acq: 13 Sep 2023 17:44

Instrument :
MSVOA_X
ClientSampleId :

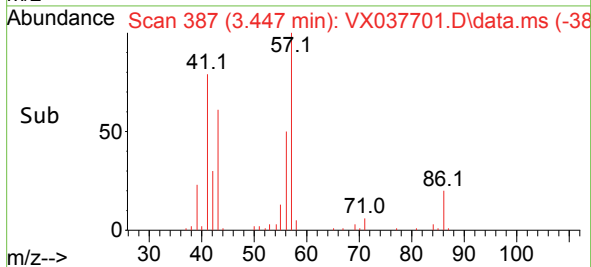
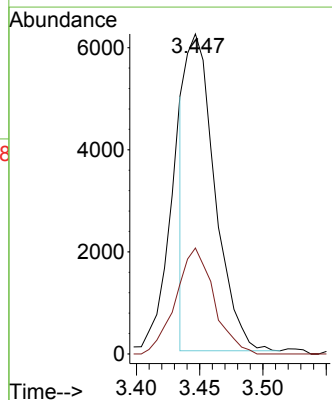
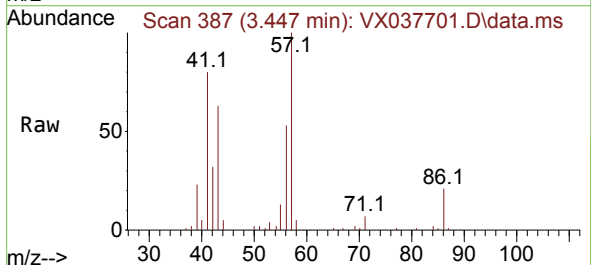


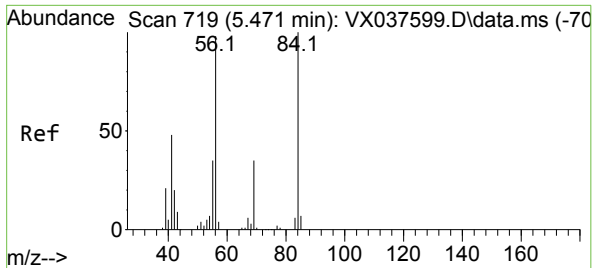
Tgt Ion:	84	Resp:	2735
Ion	Ratio	Lower	Upper
84	100		
49	110.1	103.6	155.4
51	24.4	33.8	50.6#
86	58.5	49.4	74.0



#23
Vinyl Acetate
Concen: 1.444 ug/l
RT: 3.447 min Scan# 387
Delta R.T. -0.274 min
Lab File: VX037701.D
Acq: 13 Sep 2023 17:44

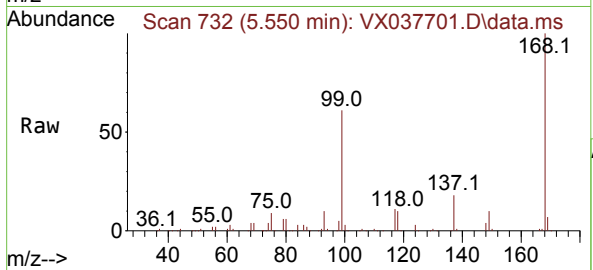
Tgt Ion:	43	Resp:	10001
Ion	Ratio	Lower	Upper
43	100		
86	33.4	7.8	11.8#



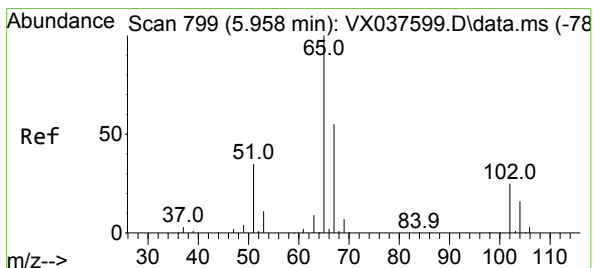
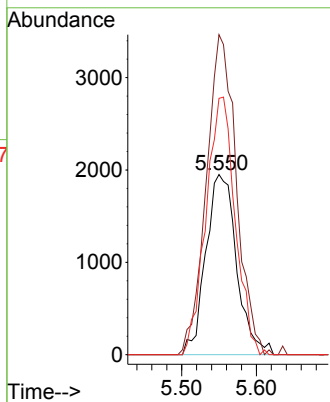
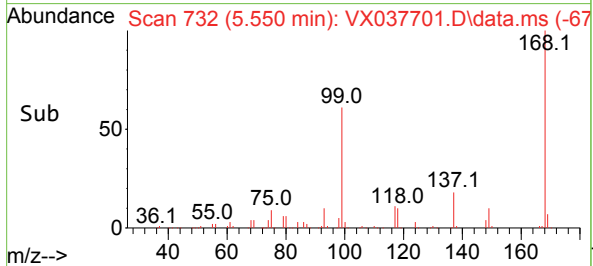


#31
Cyclohexane
Concen: 1.239 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037701.D
Acq: 13 Sep 2023 17:44

Instrument :
MSVOA_X
ClientSampleId :

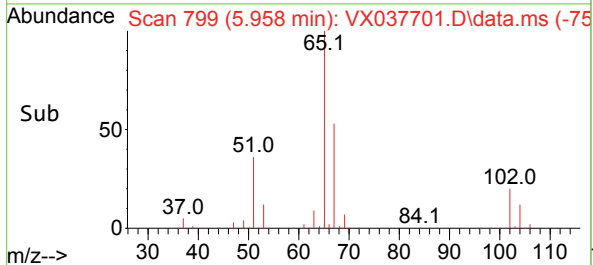
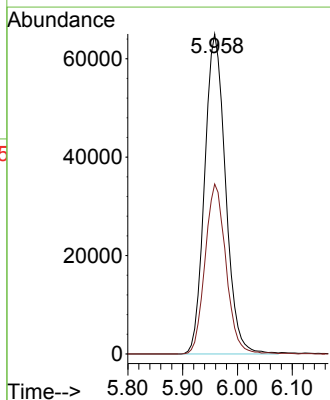
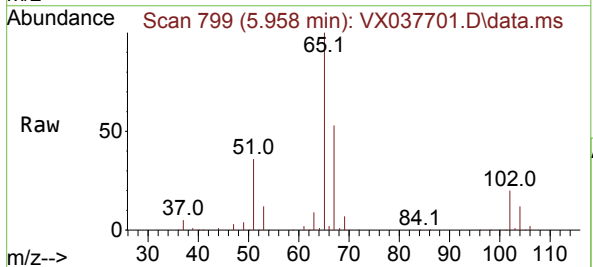


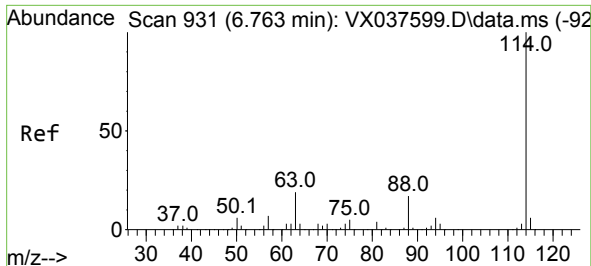
Tgt Ion: 56 Resp: 5583
Ion Ratio Lower Upper
56 100
69 177.6 23.4 35.2#
84 142.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.975 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037701.D
Acq: 13 Sep 2023 17:44

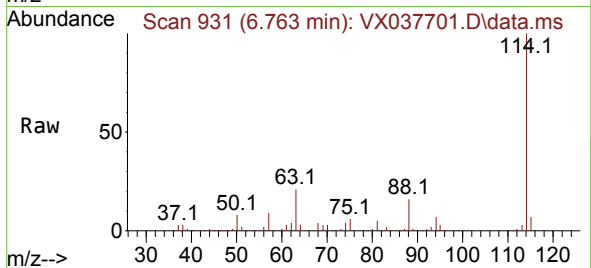
Tgt Ion: 65 Resp: 172048
Ion Ratio Lower Upper
65 100
67 53.1 0.0 100.2



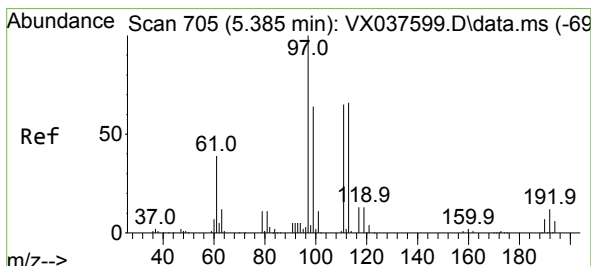
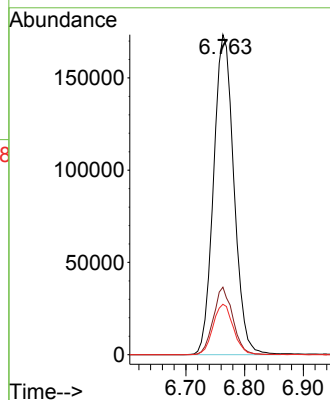
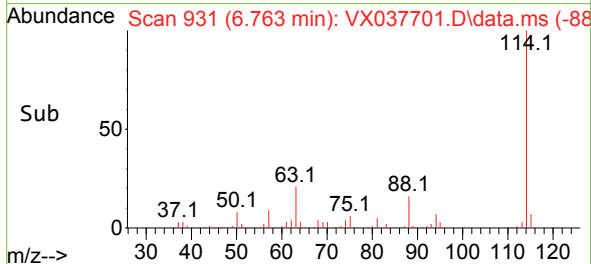


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037701.D
Acq: 13 Sep 2023 17:44

Instrument :
MSVOA_X
ClientSampleId :

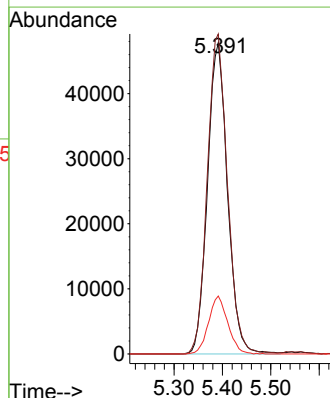
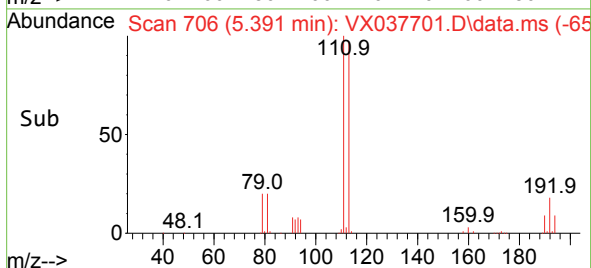
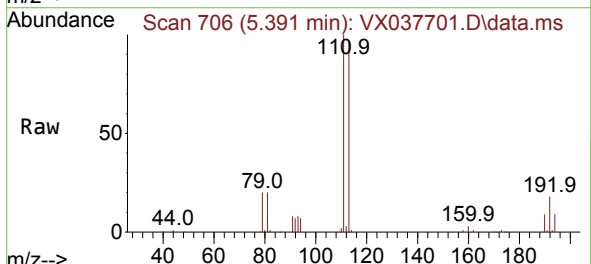


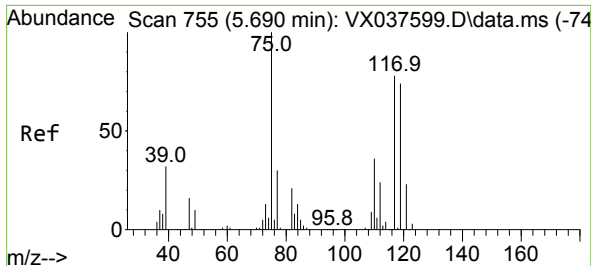
Tgt Ion:114 Resp: 416752
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.528 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037701.D
Acq: 13 Sep 2023 17:44

Tgt Ion:113 Resp: 137442
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 17.9 13.3 19.9

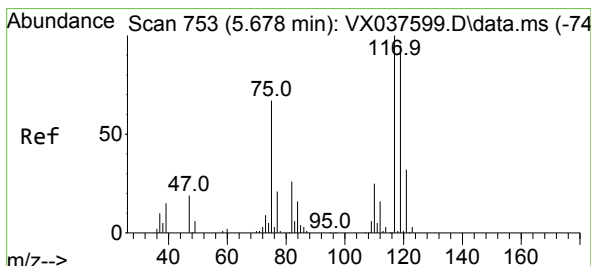
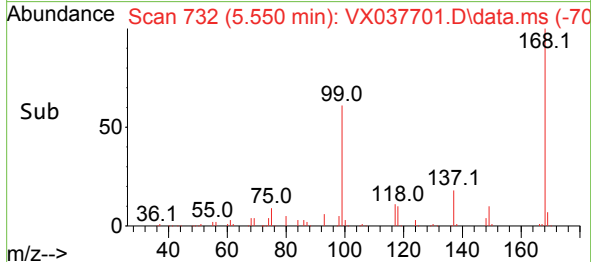
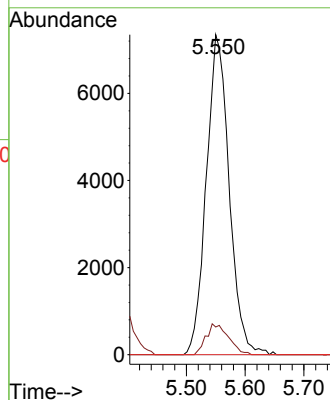
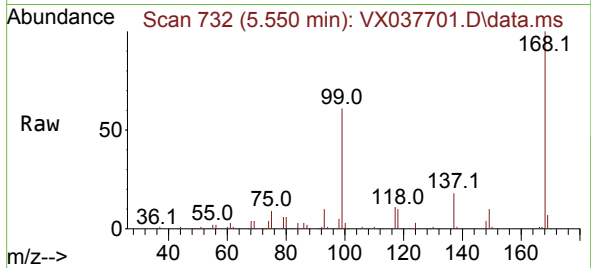




#36
1,1-Dichloropropene
Concen: 4.948 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX037701.D
Acq: 13 Sep 2023 17:44

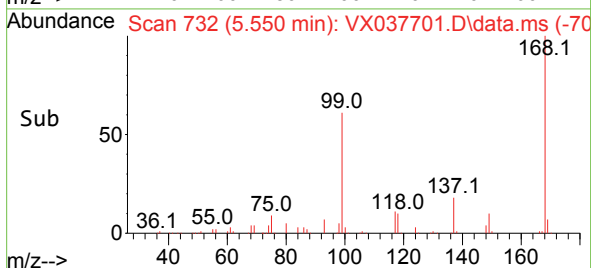
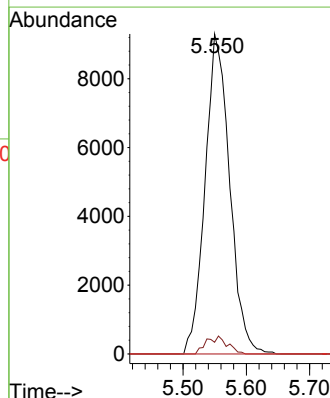
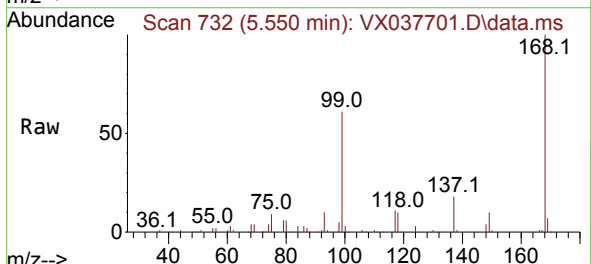
Instrument :
MSVOA_X
ClientSampleId :

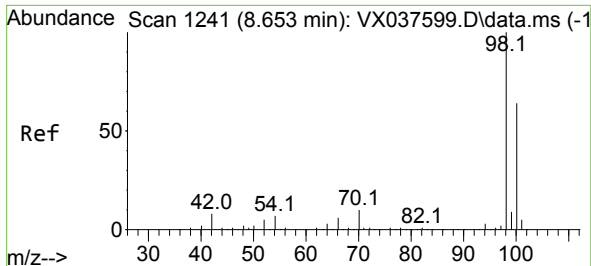
Tgt Ion: 75 Resp: 19884
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.120 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX037701.D
Acq: 13 Sep 2023 17:44

Tgt Ion: 117 Resp: 25126
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 24.4 36.6#

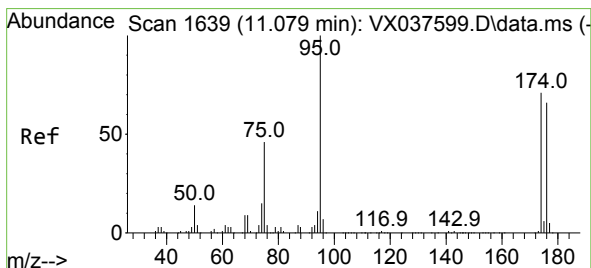
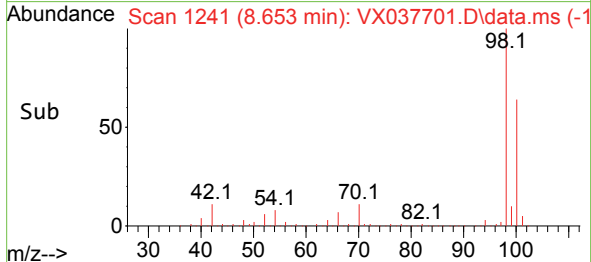
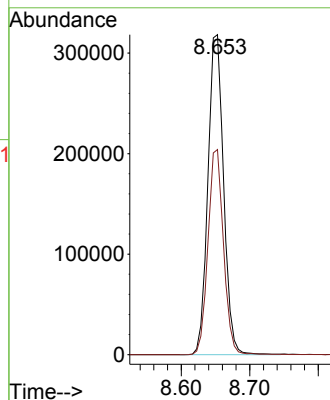
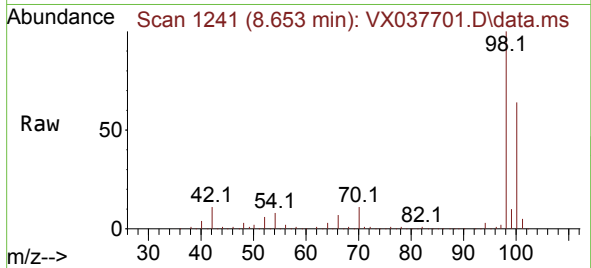




#50
Toluene-d8
Concen: 45.505 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX037701.D
Acq: 13 Sep 2023 17:44

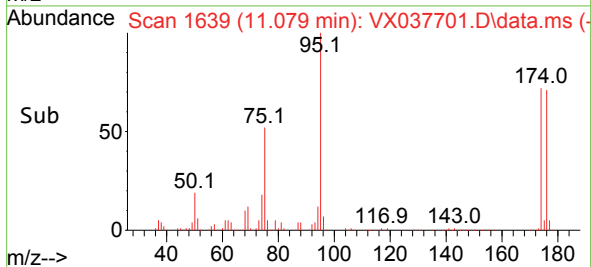
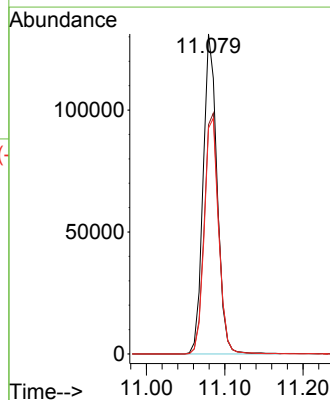
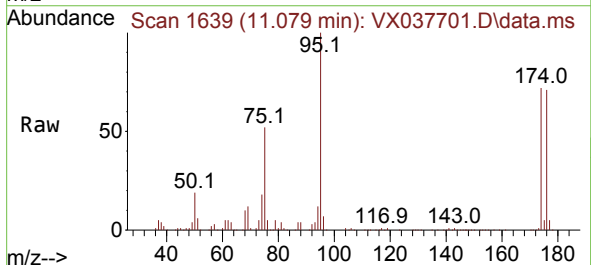
Instrument :
MSVOA_X
ClientSampleId :

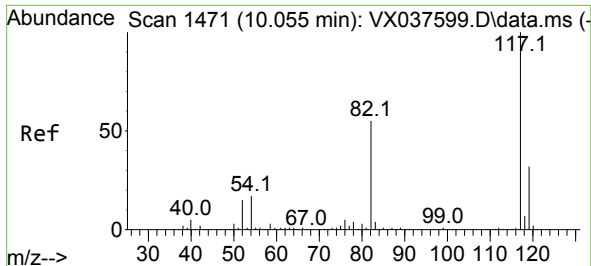
Tgt Ion: 98 Resp: 506957
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 40.352 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037701.D
Acq: 13 Sep 2023 17:44

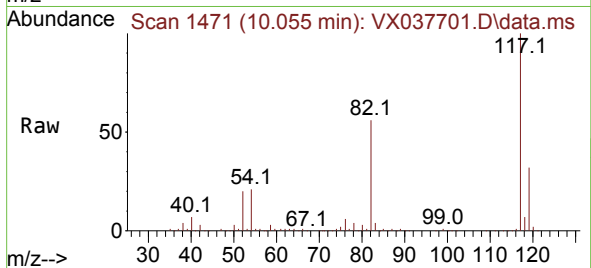
Tgt Ion: 95 Resp: 162185
Ion Ratio Lower Upper
95 100
174 78.4 0.0 135.6
176 75.8 0.0 131.0



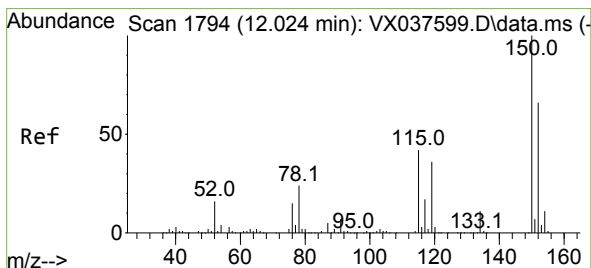
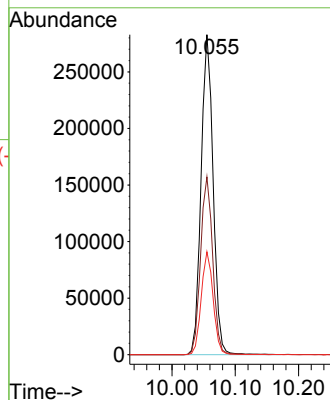
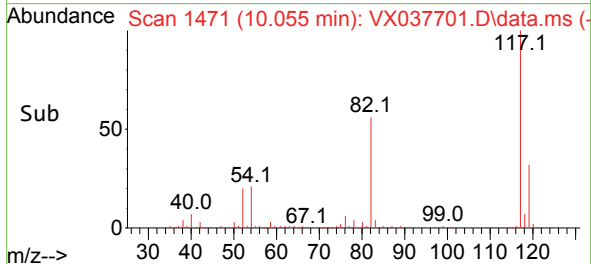


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037701.D
Acq: 13 Sep 2023 17:44

Instrument :
MSVOA_X
ClientSampleId :

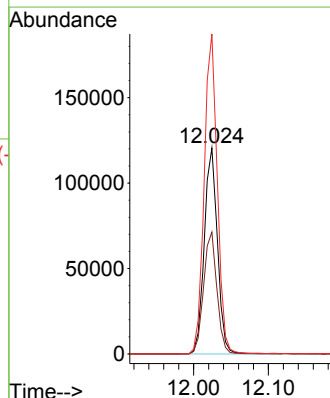
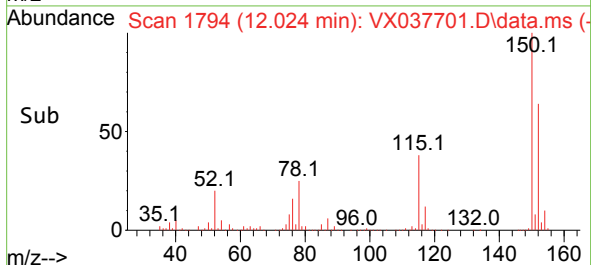
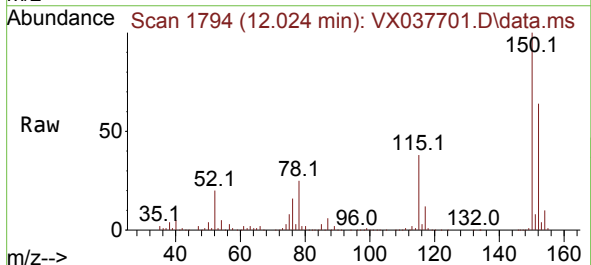


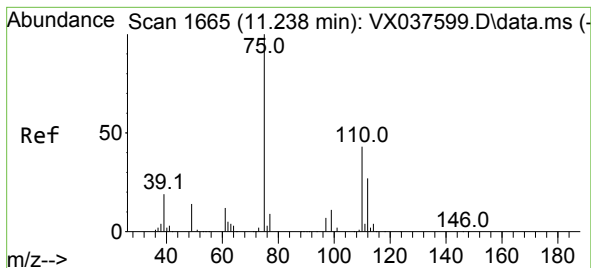
Tgt Ion:117 Resp: 375129
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037701.D
Acq: 13 Sep 2023 17:44

Tgt Ion:152 Resp: 147505
Ion Ratio Lower Upper
152 100
115 60.0 43.3 129.9
150 154.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.177 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037701.D

Acq: 13 Sep 2023 17:44

Instrument :

MSVOA_X

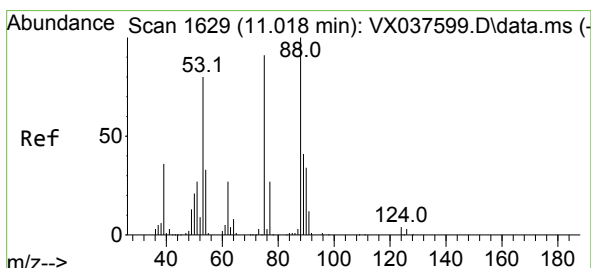
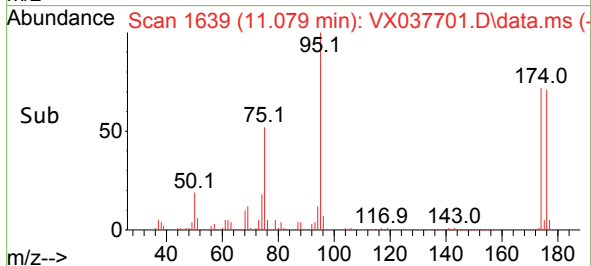
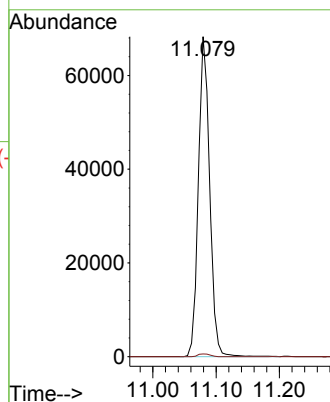
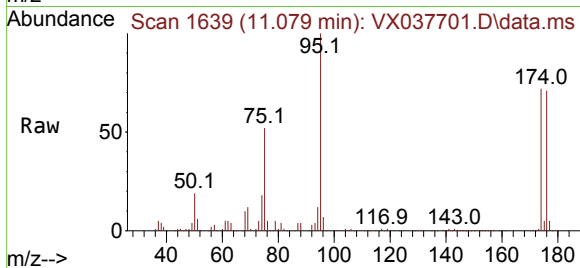
ClientSampleId :

Tgt Ion: 75 Resp: 84887

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.570 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037701.D

Acq: 13 Sep 2023 17:44

Tgt Ion: 75 Resp: 84887

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

