

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091923\
 Data File : VX037800.D
 Acq On : 19 Sep 2023 12:57
 Operator : JC/MD
 Sample : 04465-02 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 20 01:01:15 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)

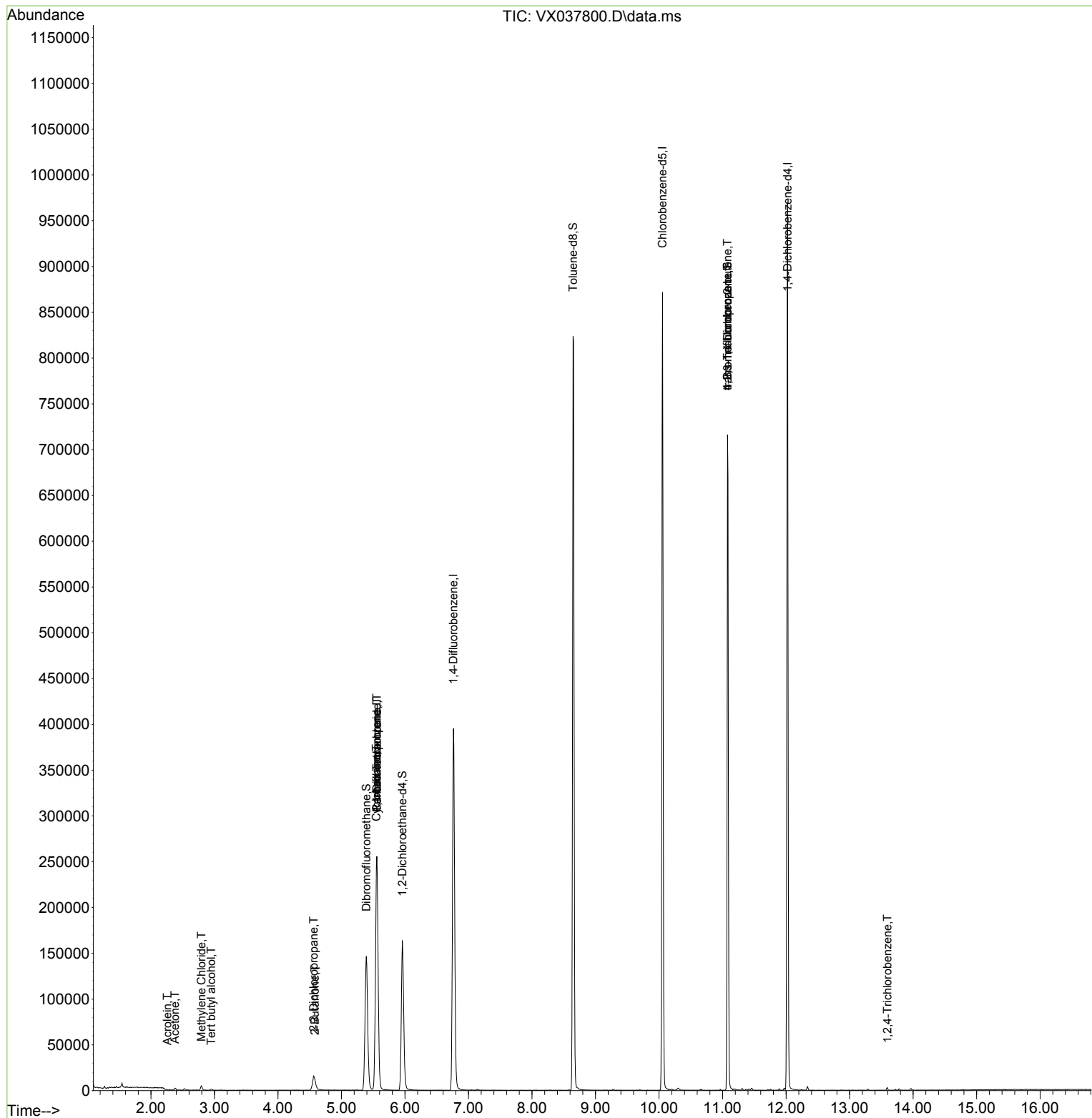
Internal Standards						
1) Pentafluorobenzene	5.556	168	246838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	414755	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	400468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	205597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	148592	45.818	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.640%		
35) Dibromofluoromethane	5.391	113	127352	45.890	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.780%		
50) Toluene-d8	8.647	98	507492	49.217	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.440%		
62) 4-Bromofluorobenzene	11.079	95	192664	51.419	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.840%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	731	1.050	ug/l #	78
13) Acrolein	2.258	56	145	0.211	ug/l #	14
16) Acetone	2.380	43	2268	1.454	ug/l	97
20) Methylene Chloride	2.794	84	2387	0.803	ug/l #	81
25) 2-Butanone	4.580	43	1193	0.542	ug/l #	51
26) 2,2-Dichloropropane	4.562	77	1319	0.326	ug/l #	54
31) Cyclohexane	5.550	56	5457	1.311	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	18811	4.921	ug/l #	50
38) Carbon Tetrachloride	5.556	117	24910	6.228	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	97523	20.508	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	97523	65.696	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.597	180	930	0.222	ug/l	94

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091923\
Data File : VX037800.D
Acq On : 19 Sep 2023 12:57
Operator : JC/MD
Sample : 04465-02 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 20 01:01:15 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



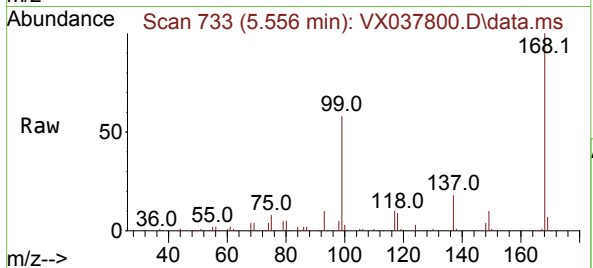


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037800.D
Acq: 19 Sep 2023 12:57

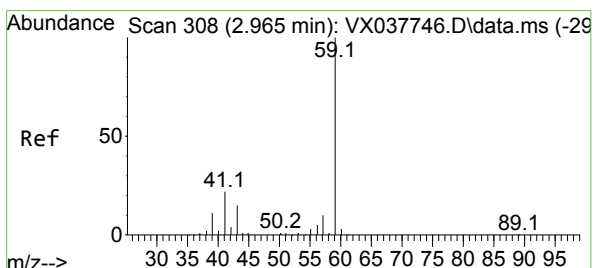
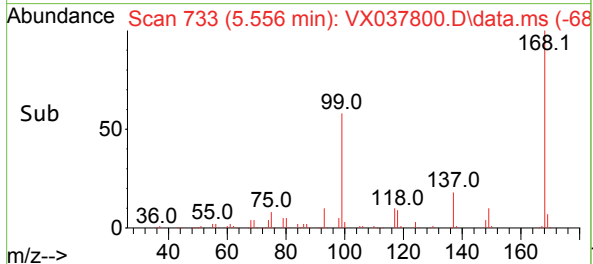
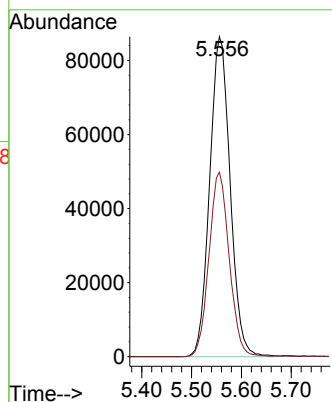
Instrument :

MSVOA_X

ClientSampleId :

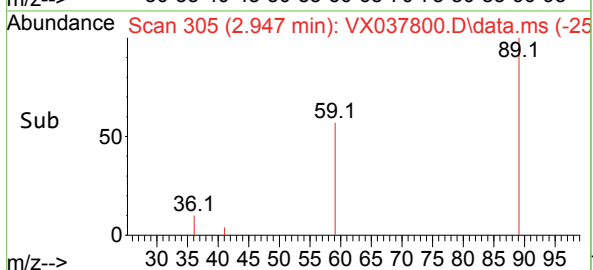
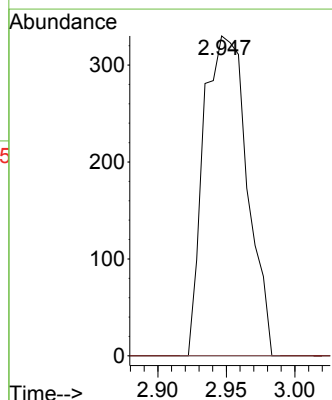
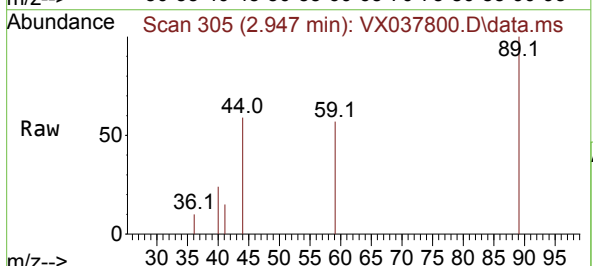


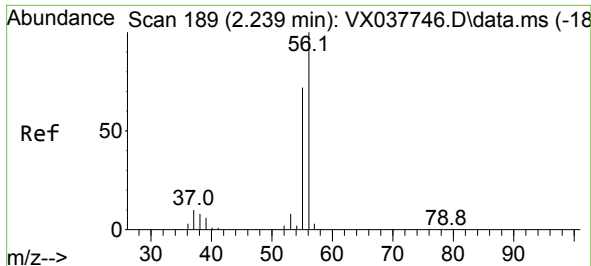
Tgt Ion:168 Resp: 246838
Ion Ratio Lower Upper
168 100
99 57.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.050 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX037800.D
Acq: 19 Sep 2023 12:57

Tgt Ion: 59 Resp: 731
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.211 ug/l

RT: 2.258 min Scan# 192

Delta R.T. 0.018 min

Lab File: VX037800.D

Acq: 19 Sep 2023 12:57

Instrument :

MSVOA_X

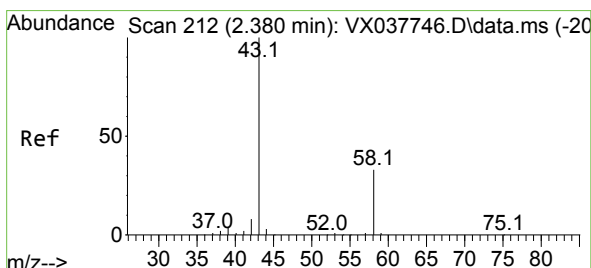
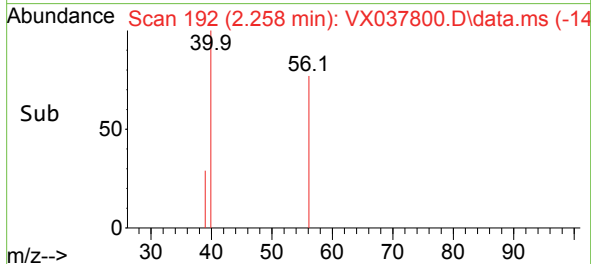
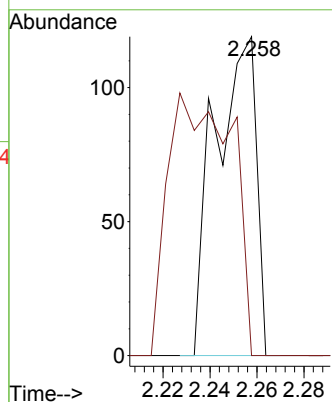
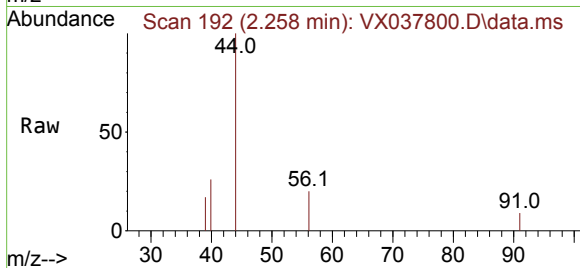
ClientSampleId :

Tgt Ion: 56 Resp: 145

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



#16

Acetone

Concen: 1.454 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX037800.D

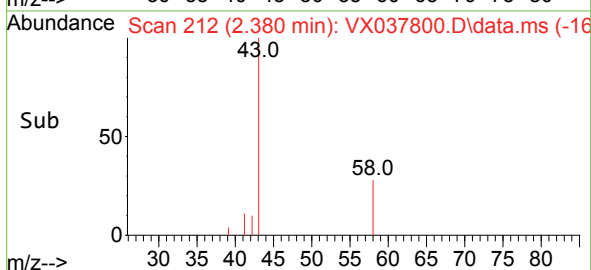
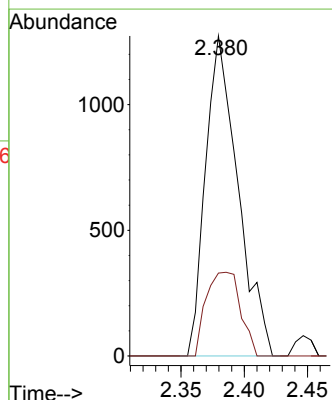
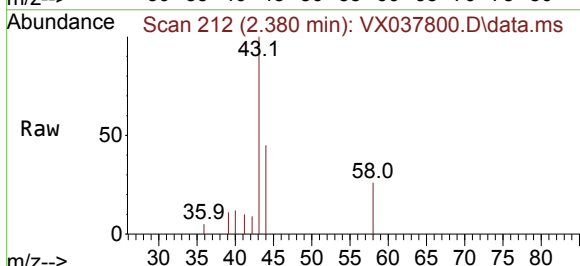
Acq: 19 Sep 2023 12:57

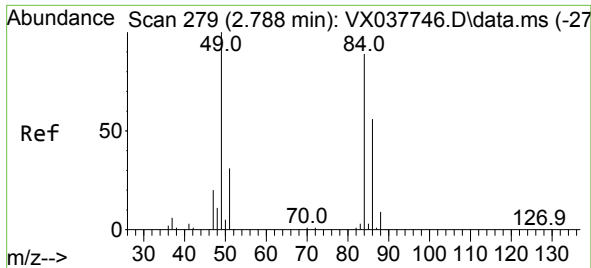
Tgt Ion: 43 Resp: 2268

Ion Ratio Lower Upper

43 100

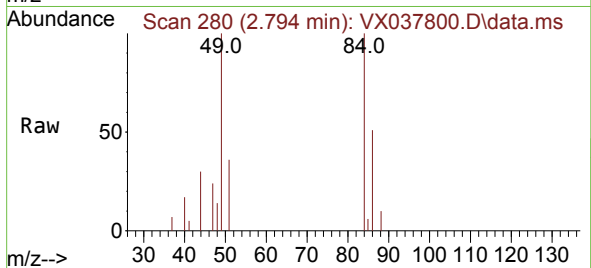
58 25.9 21.9 32.9





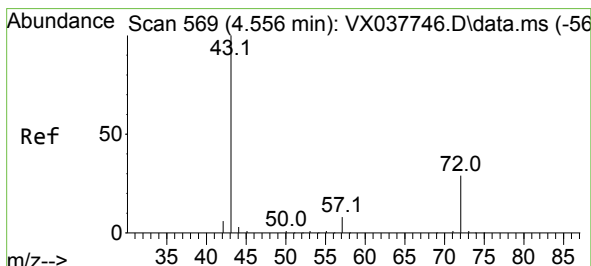
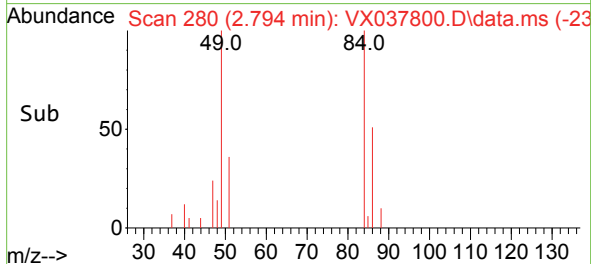
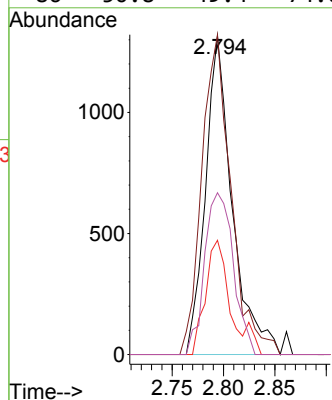
#20
Methylene Chloride
Concen: 0.803 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037800.D
Acq: 19 Sep 2023 12:57

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 2387

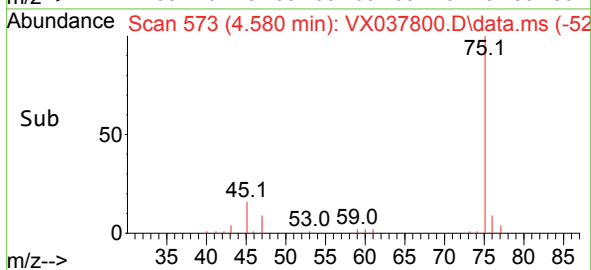
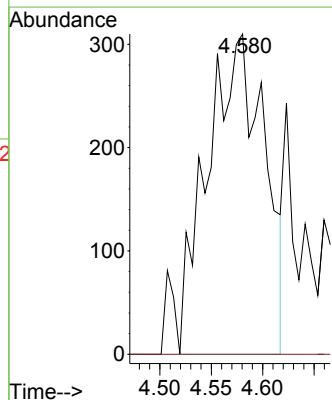
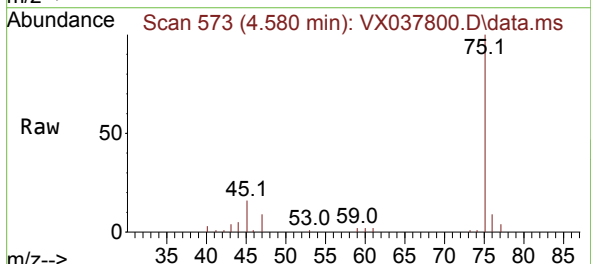
Ion	Ratio	Lower	Upper
84	100		
49	100.4	103.6	155.4#
51	35.9	33.8	50.6
86	50.8	49.4	74.0

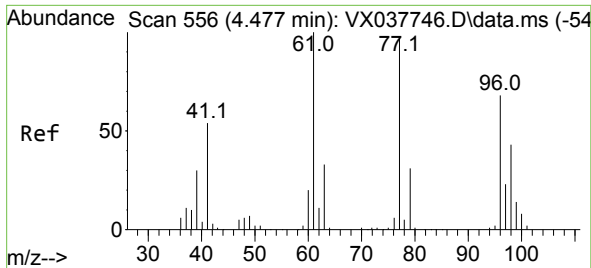


#25
2-Butanone
Concen: 0.542 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX037800.D
Acq: 19 Sep 2023 12:57

Tgt Ion: 43 Resp: 1193

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#

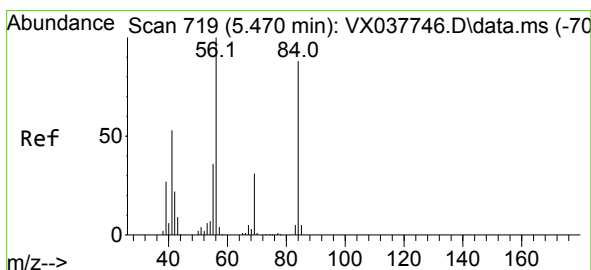
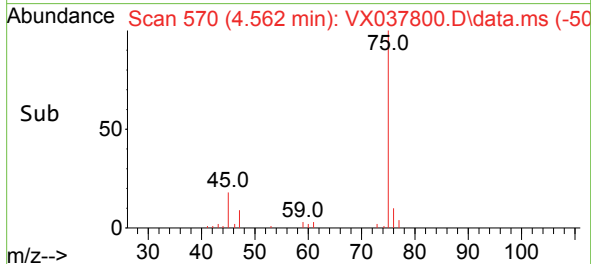
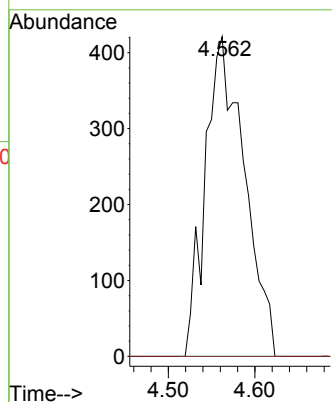
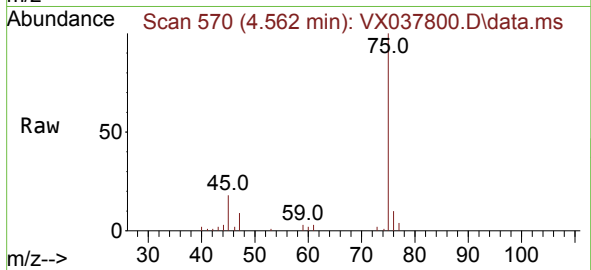




#26
2,2-Dichloropropane
Concen: 0.326 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.085 min
Lab File: VX037800.D
Acq: 19 Sep 2023 12:57

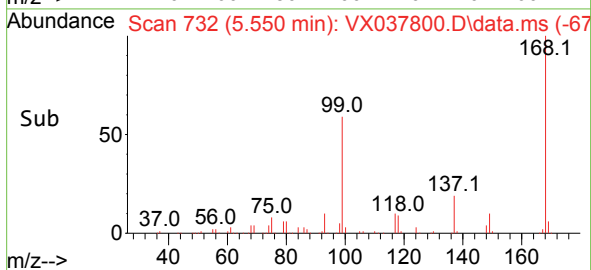
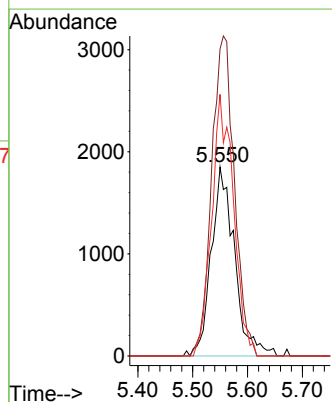
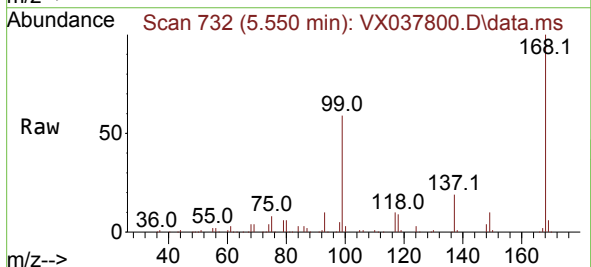
Instrument :
MSVOA_X
ClientSampleId :

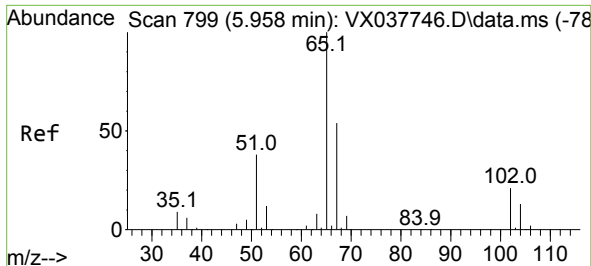
Tgt Ion: 77 Resp: 1319
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#31
Cyclohexane
Concen: 1.311 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037800.D
Acq: 19 Sep 2023 12:57

Tgt Ion: 56 Resp: 5457
Ion Ratio Lower Upper
56 100
69 162.6 23.4 35.2#
84 138.6 65.9 98.9#

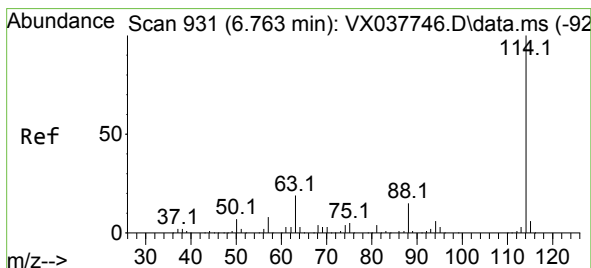
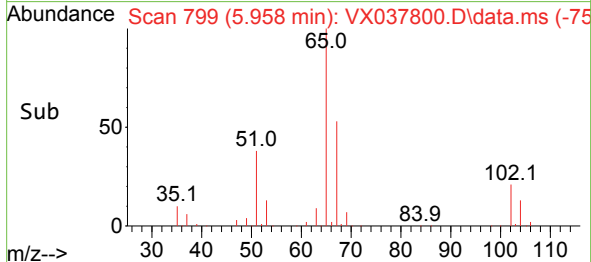
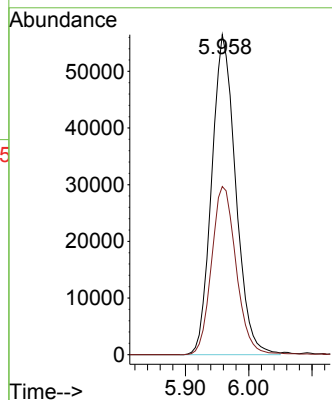
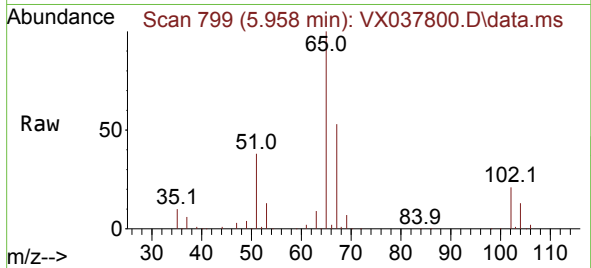




#33
1,2-Dichloroethane-d4
Concen: 45.818 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037800.D
Acq: 19 Sep 2023 12:57

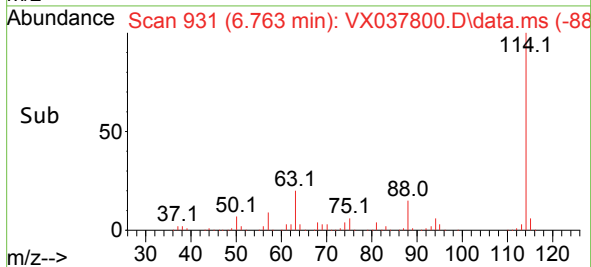
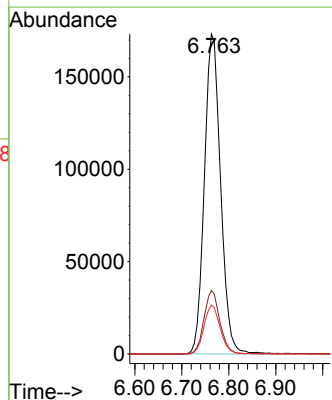
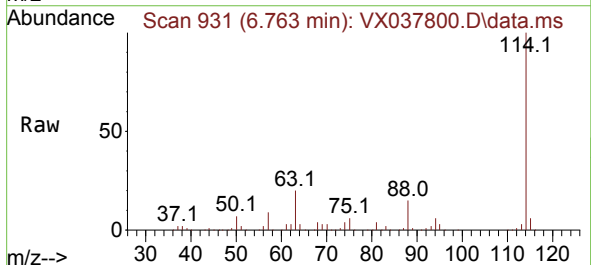
Instrument :
MSVOA_X
ClientSampleId :

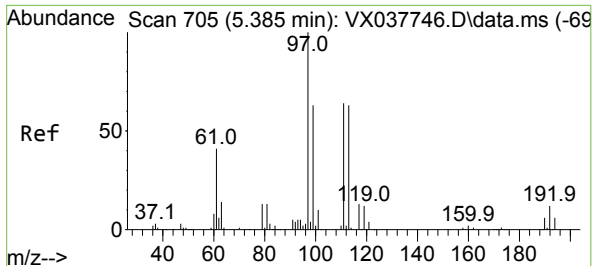
Tgt Ion: 65 Resp: 148592
Ion Ratio Lower Upper
65 100
67 54.1 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037800.D
Acq: 19 Sep 2023 12:57

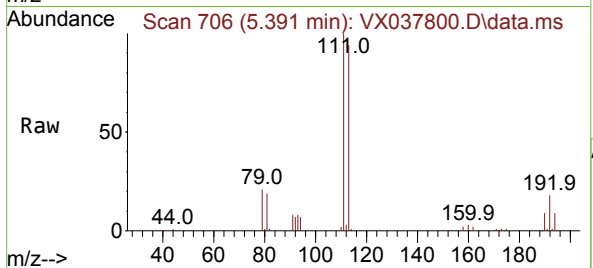
Tgt Ion: 114 Resp: 414755
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 15.3 0.0 36.6



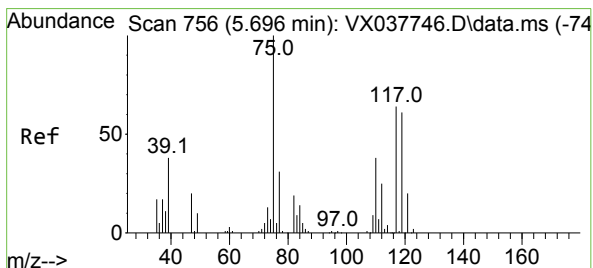
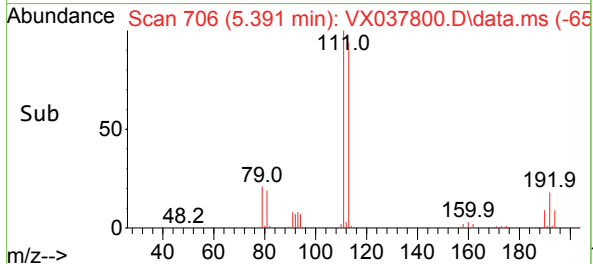
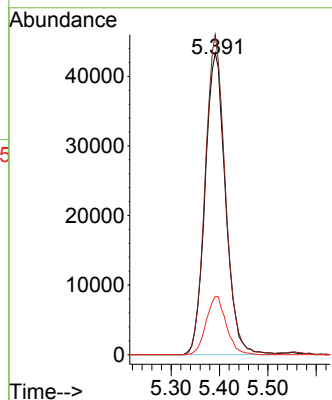


#35
Dibromofluoromethane
Concen: 45.890 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037800.D
Acq: 19 Sep 2023 12:57

Instrument :
MSVOA_X
ClientSampleId :

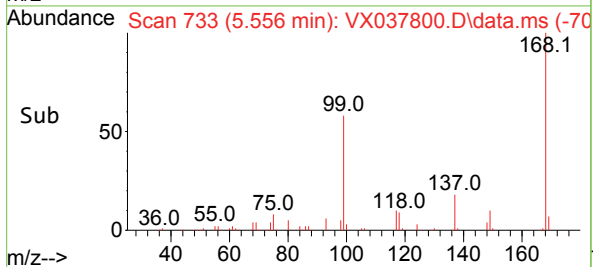
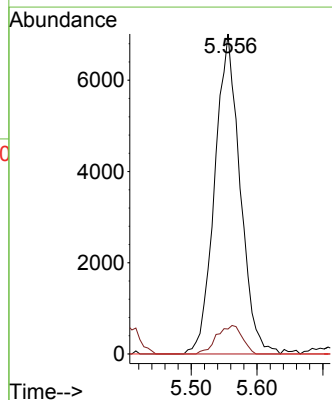
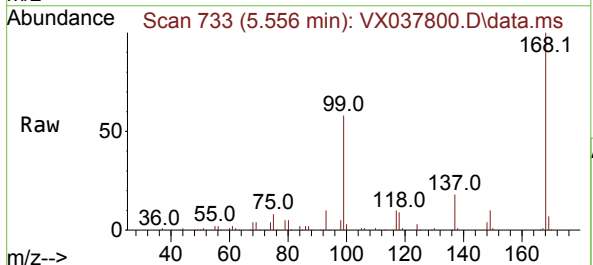


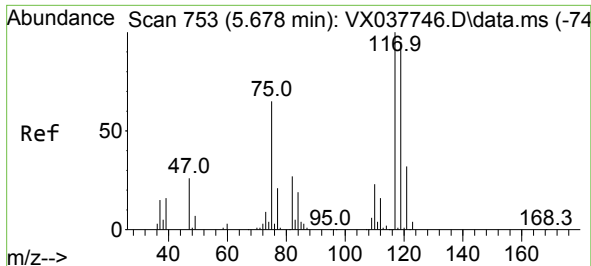
Tgt Ion:113 Resp: 127352
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 19.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.921 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX037800.D
Acq: 19 Sep 2023 12:57

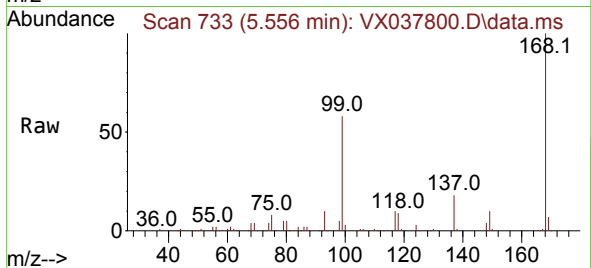
Tgt Ion: 75 Resp: 18811
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



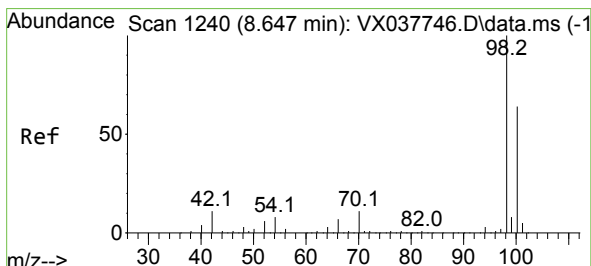
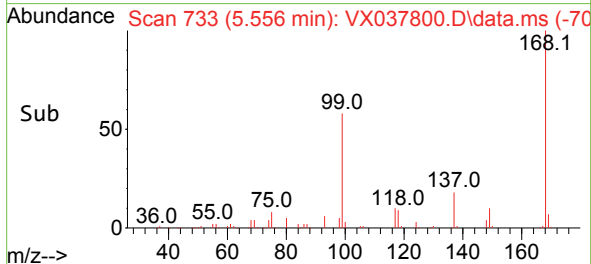
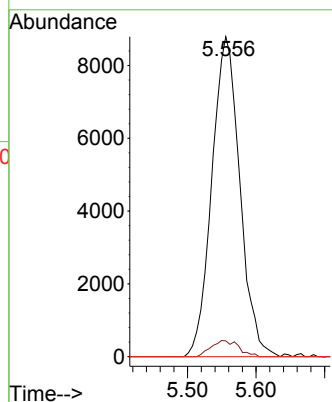


#38
Carbon Tetrachloride
Concen: 6.228 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037800.D
Acq: 19 Sep 2023 12:57

Instrument :
MSVOA_X
ClientSampleId :

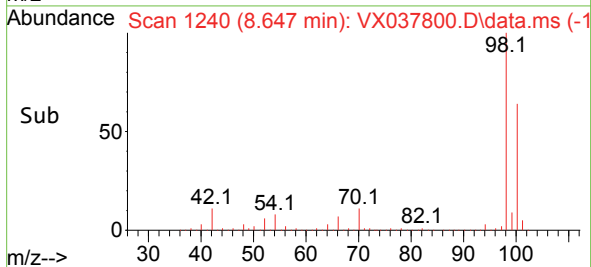
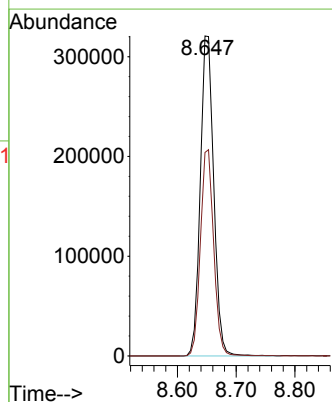
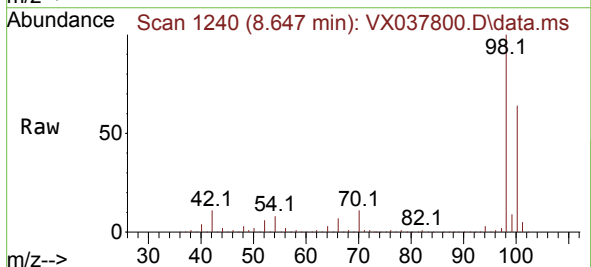


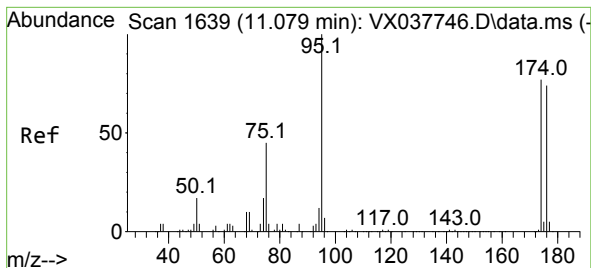
Tgt Ion:117 Resp: 24910
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.217 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037800.D
Acq: 19 Sep 2023 12:57

Tgt Ion: 98 Resp: 507492
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

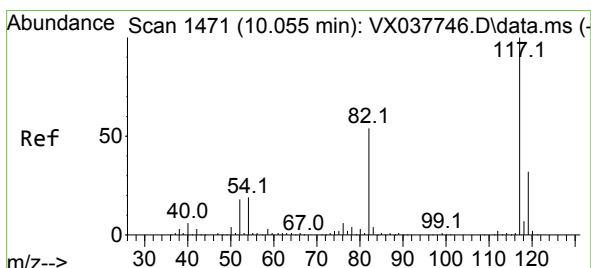
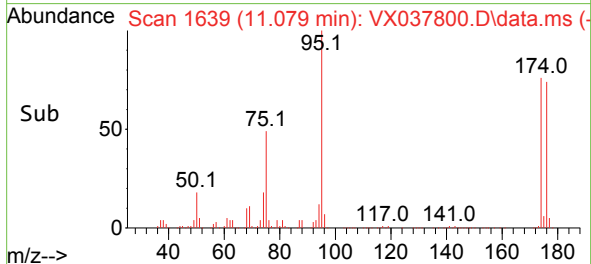
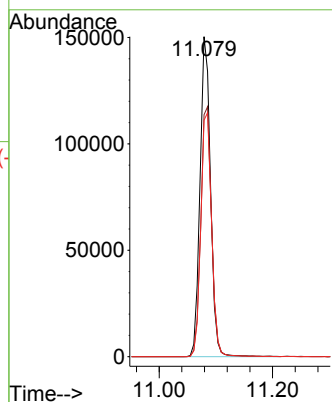
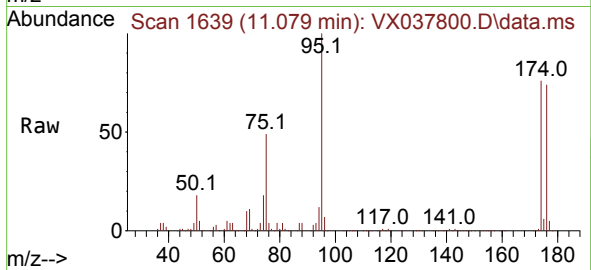




#62
4-Bromofluorobenzene
Concen: 51.419 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037800.D
Acq: 19 Sep 2023 12:57

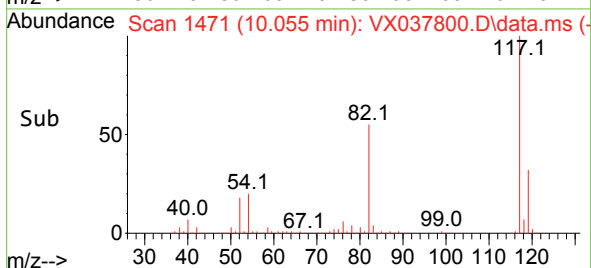
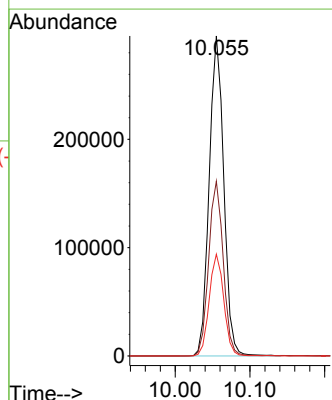
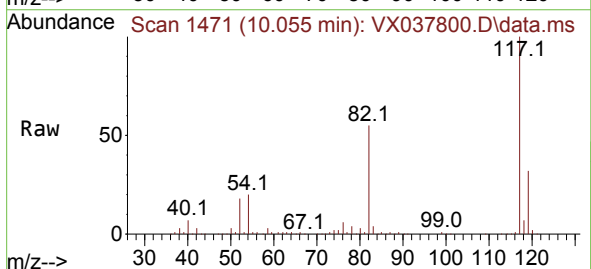
Instrument :
MSVOA_X
ClientSampleId :

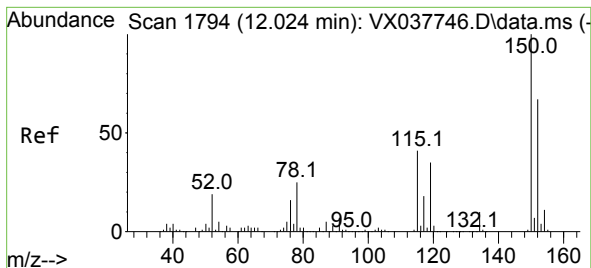
Tgt Ion: 95 Resp: 192664
Ion Ratio Lower Upper
95 100
174 79.9 0.0 135.6
176 78.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037800.D
Acq: 19 Sep 2023 12:57

Tgt Ion: 117 Resp: 400468
Ion Ratio Lower Upper
117 100
82 54.6 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# 11

Delta R.T. -0.000 min

Lab File: VX037800.D

Acq: 19 Sep 2023 12:57

Instrument :

MSVOA_X

ClientSampleId :

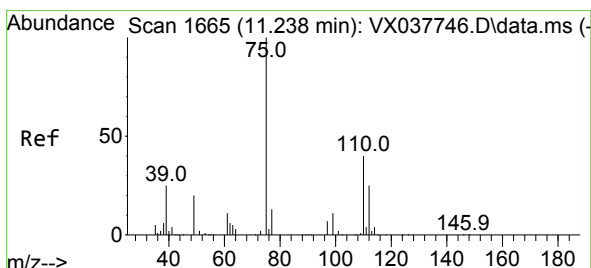
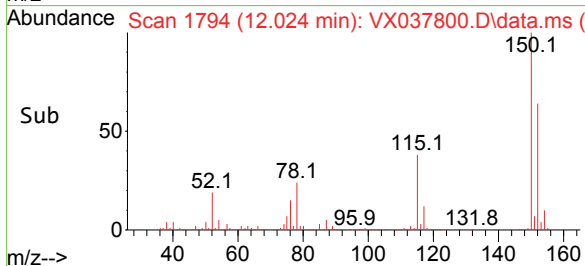
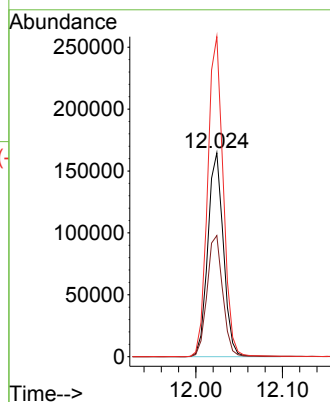
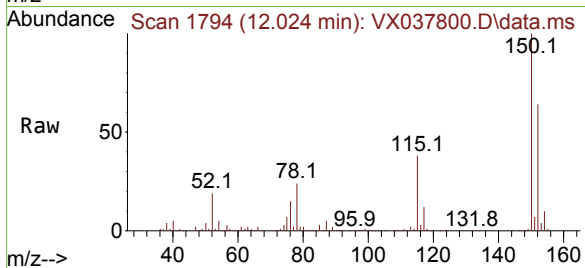
Tgt Ion:152 Resp: 205597

Ion Ratio Lower Upper

152 100

115 60.0 43.3 129.9

150 157.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 20.508 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037800.D

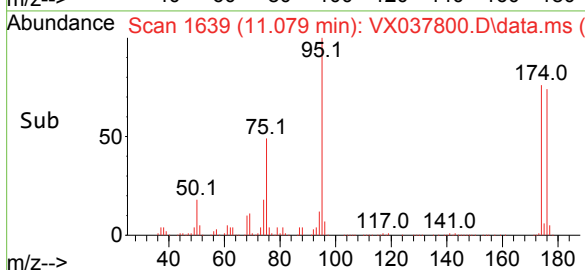
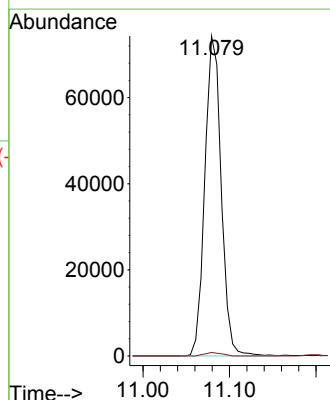
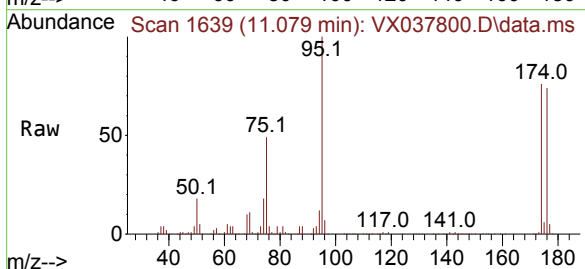
Acq: 19 Sep 2023 12:57

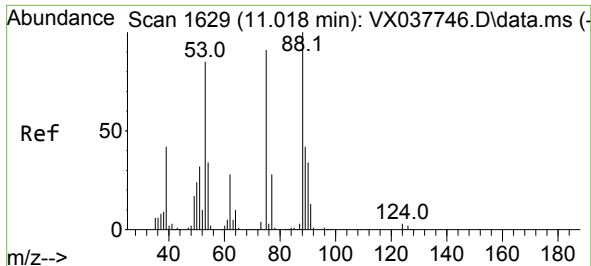
Tgt Ion: 75 Resp: 97523

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

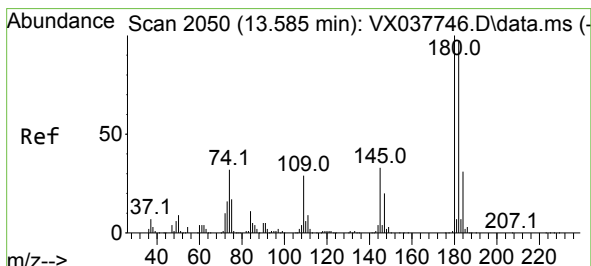
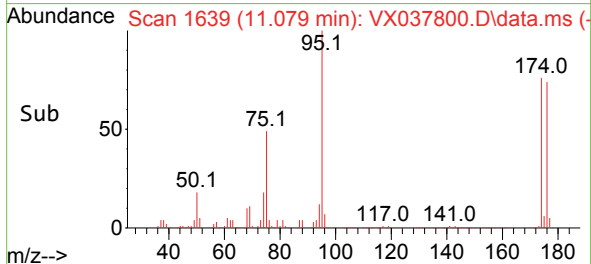
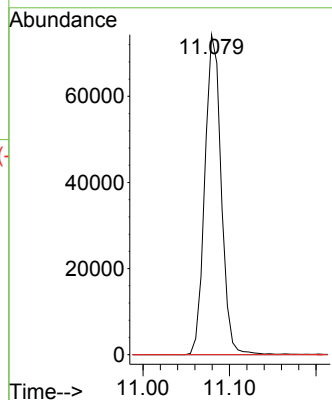
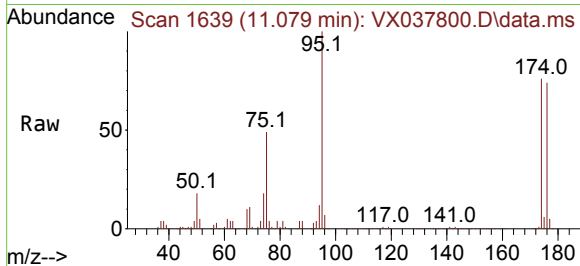




#81
trans-1,4-Dichloro-2-butene
Concen: 65.696 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037800.D
Acq: 19 Sep 2023 12:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 97523
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.222 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX037800.D
Acq: 19 Sep 2023 12:57

Tgt Ion:180 Resp: 930
Ion Ratio Lower Upper
180 100
182 101.8 48.3 144.8
145 39.6 18.0 54.0

