

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037715.D
 Acq On : 14 Sep 2023 06:59
 Operator : JC/MD
 Sample : 04399-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 14 08:45:51 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)

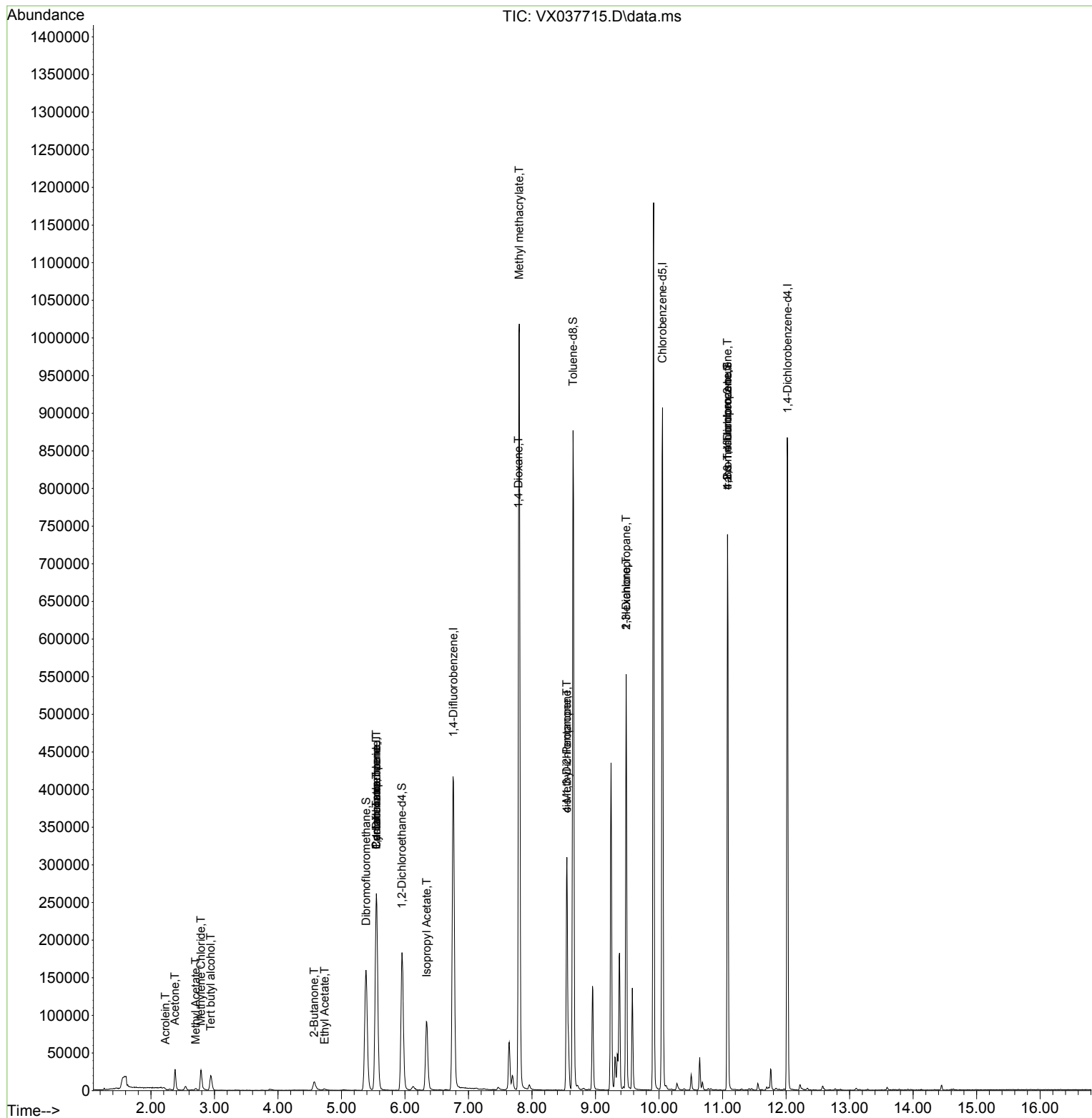
Internal Standards						
1) Pentafluorobenzene	5.550	168	245579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	439176	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	412523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	183193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	173516	43.671	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.340%		
35) Dibromofluoromethane	5.385	113	140177	45.031	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.060%		
50) Toluene-d8	8.647	98	532472	45.355	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.700%#		
62) 4-Bromofluorobenzene	11.079	95	189419	44.721	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.440%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.940	59	12348	4.349	ug/l #	84
13) Acrolein	2.227	56	149	0.230	ug/l #	14
16) Acetone	2.380	43	28003	17.433	ug/l	98
18) Methyl Acetate	2.703	43	3329	0.491	ug/l	96
20) Methylene Chloride	2.788	84	14067	3.340	ug/l	92
25) 2-Butanone	4.568	43	14326	5.470	ug/l	97
31) Cyclohexane	5.550	56	5454	1.192	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	19688	4.649	ug/l #	51
37) Ethyl Acetate	4.733	43	2762	0.570	ug/l	98
38) Carbon Tetrachloride	5.550	117	26385	6.099	ug/l #	14
43) Isopropyl Acetate	6.342	43	125943	16.292	ug/l	97
48) Methyl methacrylate	7.799	41	89640	23.989	ug/l #	49
49) 1,4-Dioxane	7.787	88	93	1.005	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	126294	24.881	ug/l #	37
54) cis-1,3-Dichloropropene	8.549	75	50429	10.188	ug/l #	56
57) 1,3-Dichloropropane	9.482	76	4582	0.786	ug/l #	42
59) 2-Hexanone	9.482	43	59914	15.291	ug/l #	55
76) 1,2,3-Trichloropropane	11.079	75	97409	24.186	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	97409	73.520	ug/l #	5

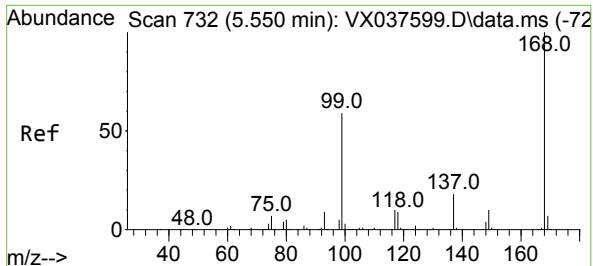
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
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MSVOA_X
ClientSampleId :

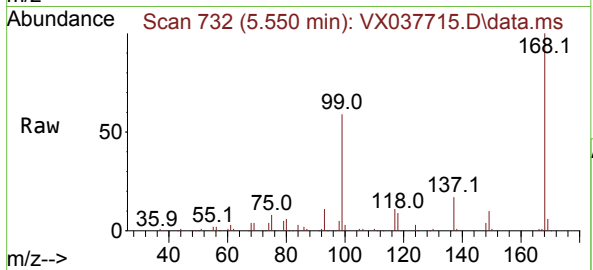
Quant Time: Sep 14 08:45:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration



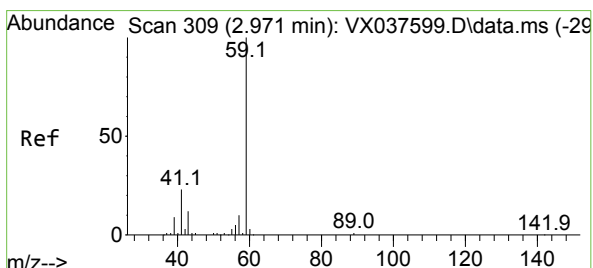
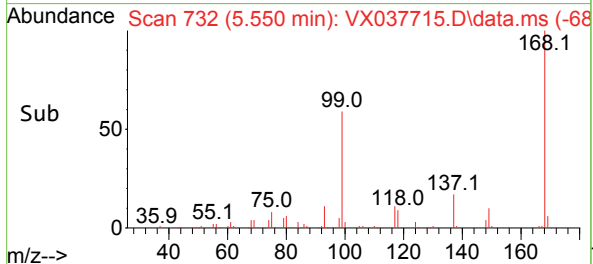
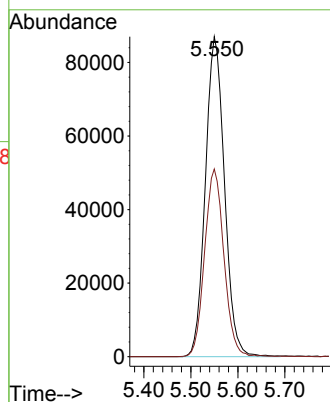


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037715.D
Acq: 14 Sep 2023 06:59

Instrument :
MSVOA_X
ClientSampleId :

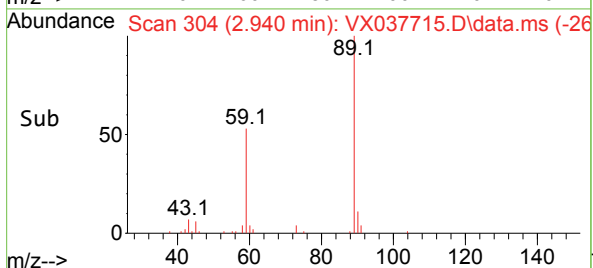
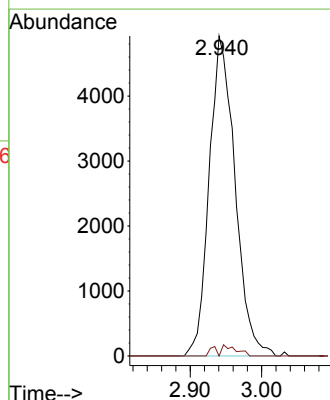
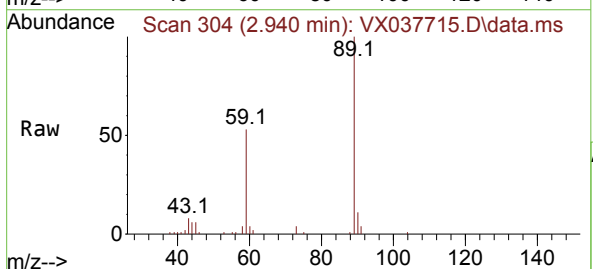


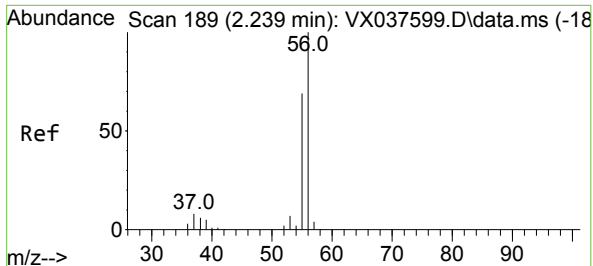
Tgt Ion:168 Resp: 245579
Ion Ratio Lower Upper
168 100
99 58.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 4.349 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.031 min
Lab File: VX037715.D
Acq: 14 Sep 2023 06:59

Tgt Ion: 59 Resp: 12348
Ion Ratio Lower Upper
59 100
57 1.9 6.0 9.0#

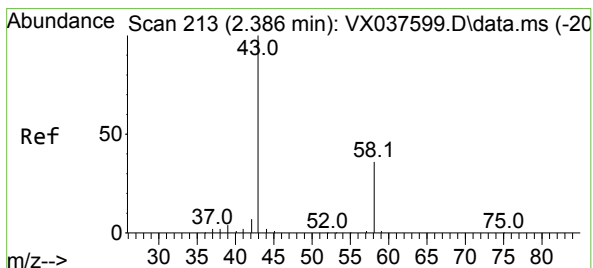
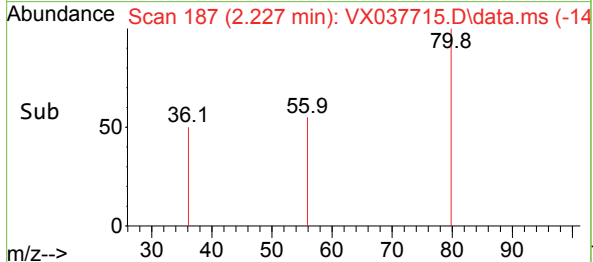
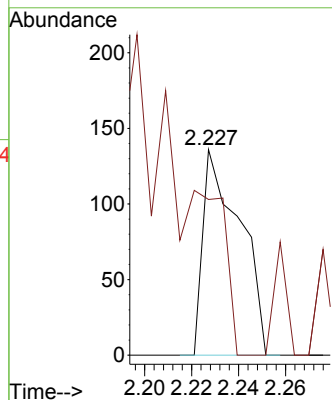
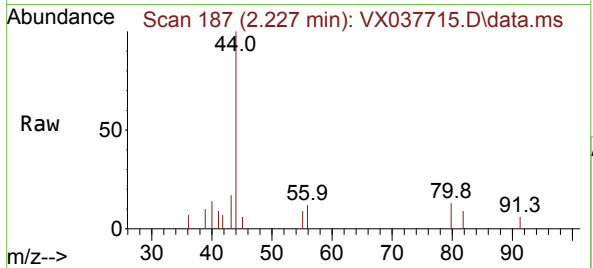




#13
Acrolein
Concen: 0.230 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX037715.D
Acq: 14 Sep 2023 06:59

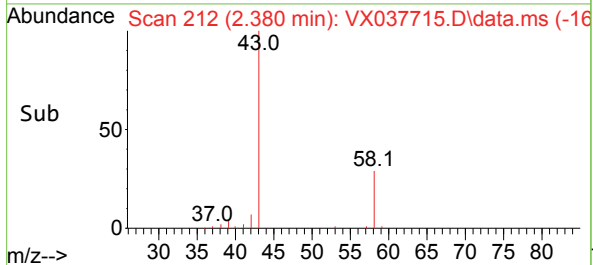
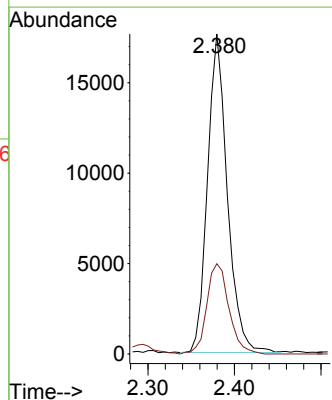
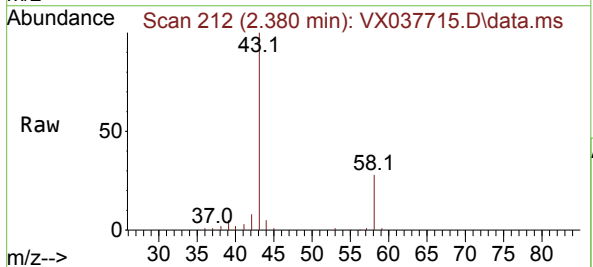
Instrument :
MSVOA_X
ClientSampleId :

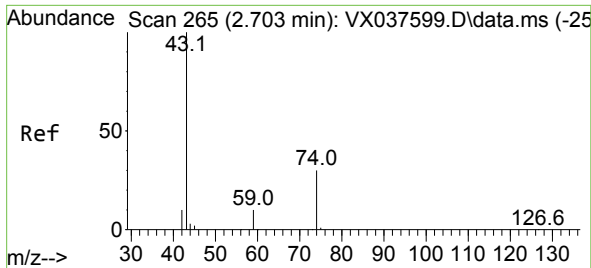
Tgt Ion: 56 Resp: 149
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 17.433 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037715.D
Acq: 14 Sep 2023 06:59

Tgt Ion: 43 Resp: 28003
Ion Ratio Lower Upper
43 100
58 28.3 21.9 32.9

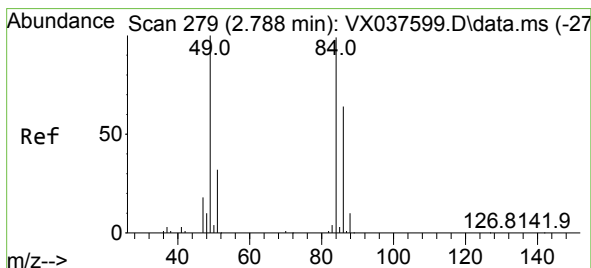
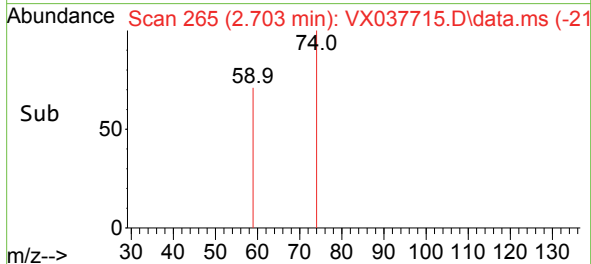
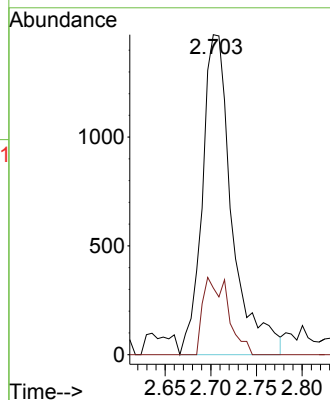
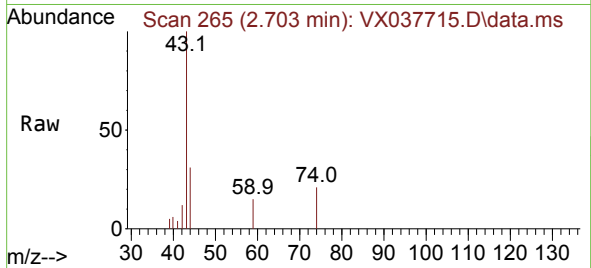




#18
Methyl Acetate
Concen: 0.491 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX037715.D
Acq: 14 Sep 2023 06:59

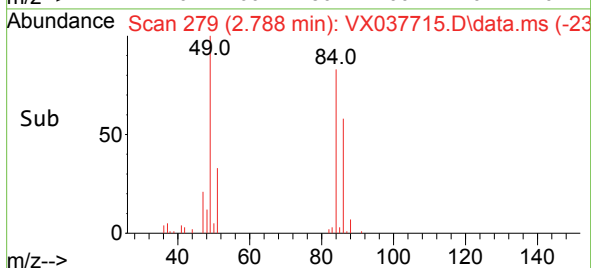
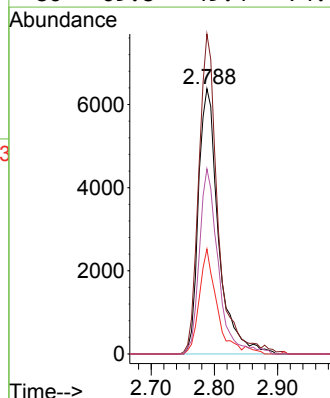
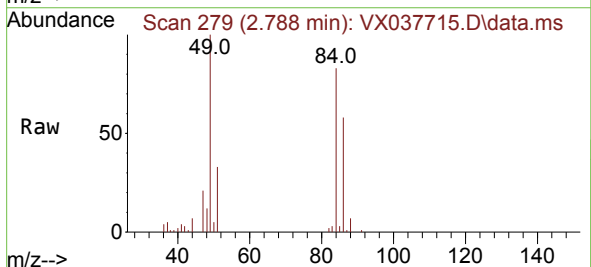
Instrument :
MSVOA_X
ClientSampleId :

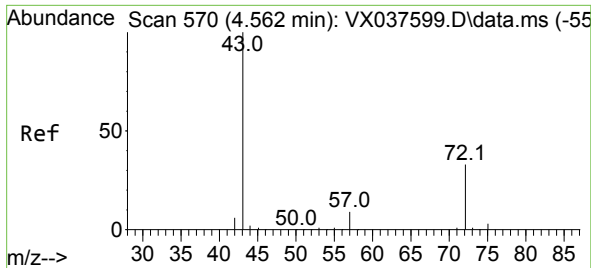
Tgt Ion: 43 Resp: 3329
Ion Ratio Lower Upper
43 100
74 20.5 17.8 26.8



#20
Methylene Chloride
Concen: 3.340 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037715.D
Acq: 14 Sep 2023 06:59

Tgt Ion: 84 Resp: 14067
Ion Ratio Lower Upper
84 100
49 120.6 103.6 155.4
51 39.6 33.8 50.6
86 69.8 49.4 74.0

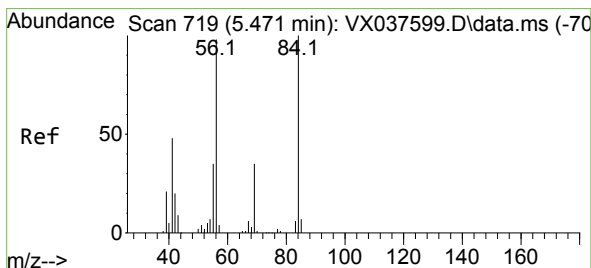
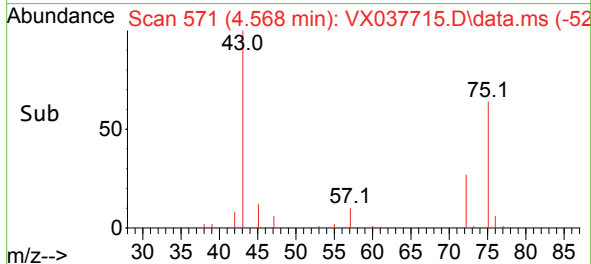
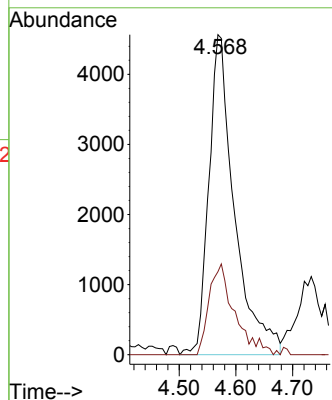
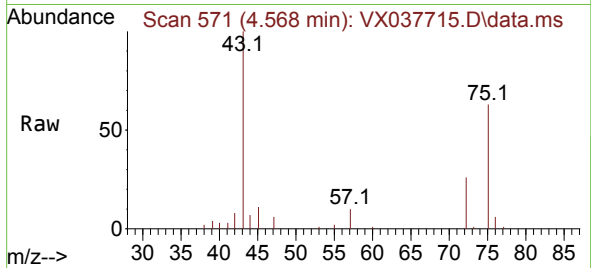




#25
2-Butanone
Concen: 5.470 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX037715.D
Acq: 14 Sep 2023 06:59

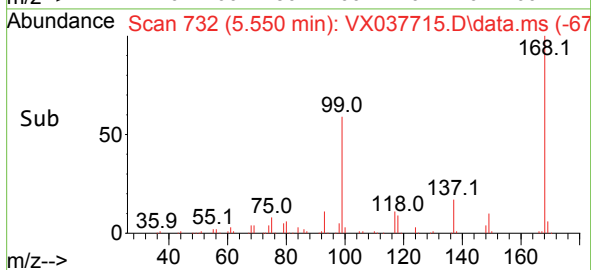
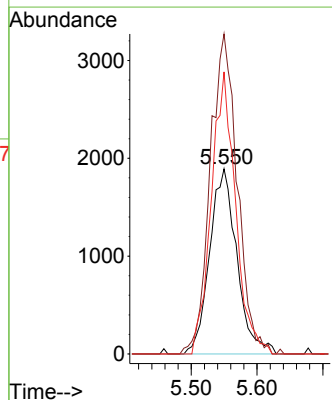
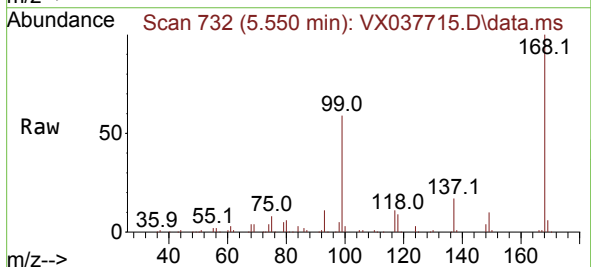
Instrument :
MSVOA_X
ClientSampleId :

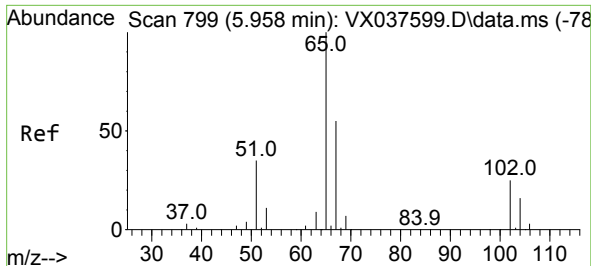
Tgt Ion: 43 Resp: 14326
Ion Ratio Lower Upper
43 100
72 25.9 19.4 29.2



#31
Cyclohexane
Concen: 1.192 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037715.D
Acq: 14 Sep 2023 06:59

Tgt Ion: 56 Resp: 5454
Ion Ratio Lower Upper
56 100
69 172.9 23.4 35.2#
84 152.4 65.9 98.9#

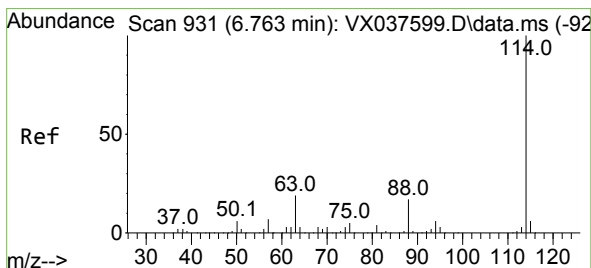
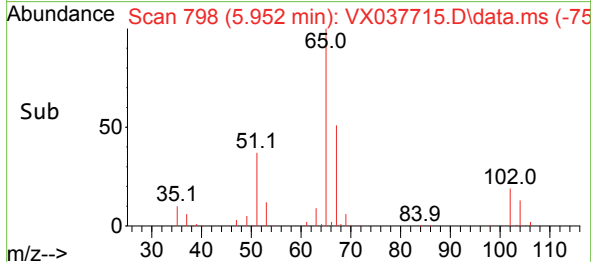
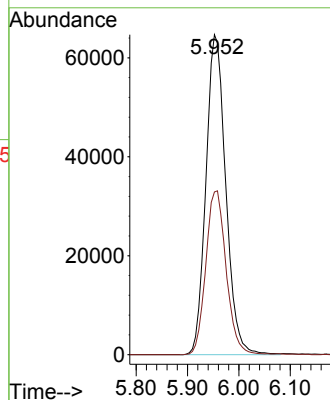
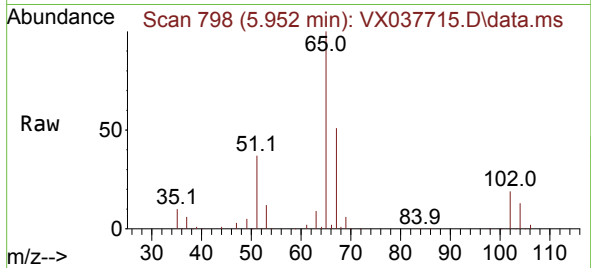




#33
1,2-Dichloroethane-d4
Concen: 43.671 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX037715.D
Acq: 14 Sep 2023 06:59

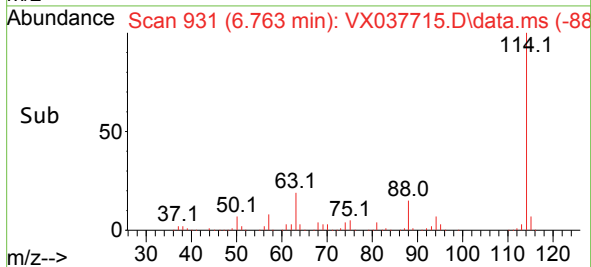
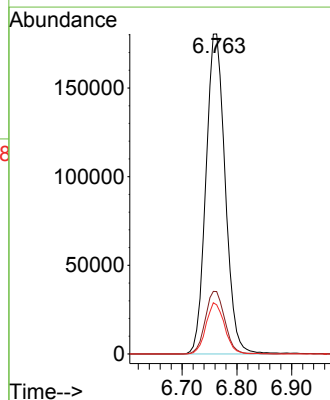
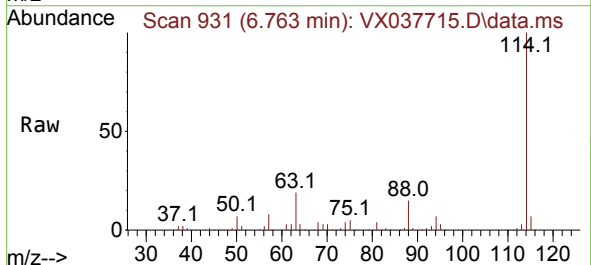
Instrument :
MSVOA_X
ClientSampleId :

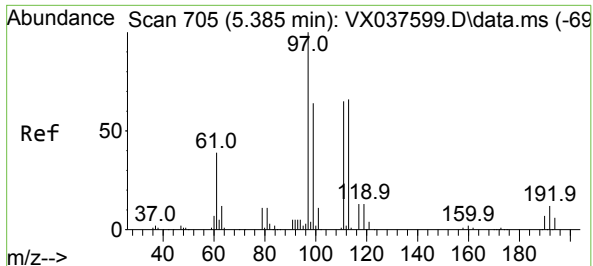
Tgt Ion: 65 Resp: 173516
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037715.D
Acq: 14 Sep 2023 06:59

Tgt Ion:114 Resp: 439176
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.031 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

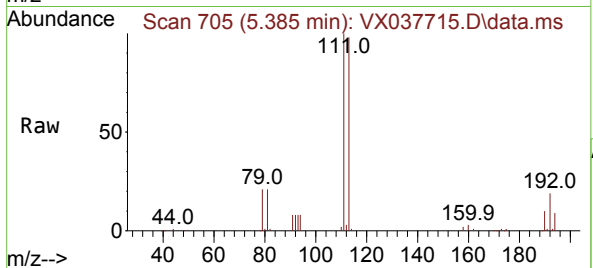
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Acq: 14 Sep 2023 06:59

Instrument :

MSVOA_X

ClientSampleId :



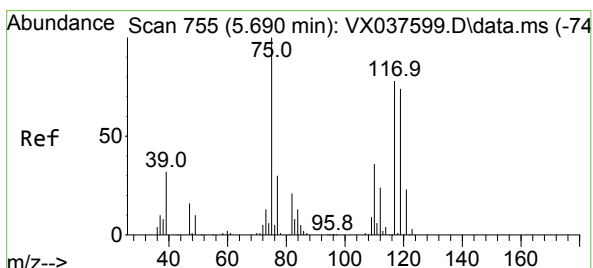
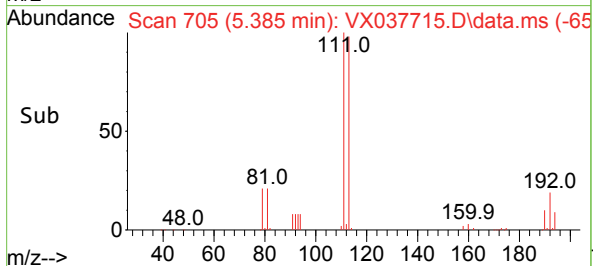
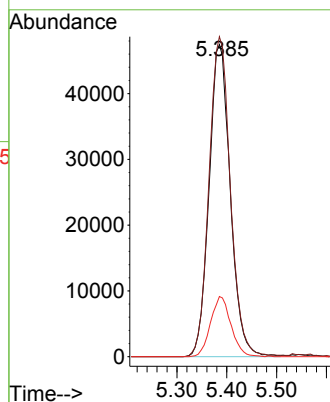
Tgt Ion:113 Resp: 140177

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

192 18.6 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.649 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX037715.D

Acq: 14 Sep 2023 06:59

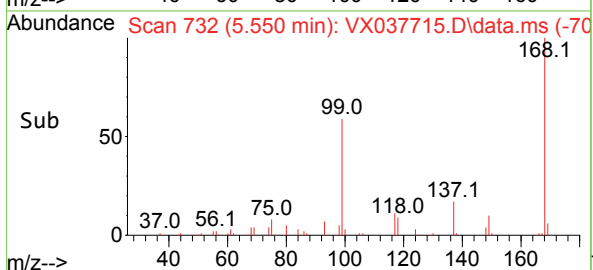
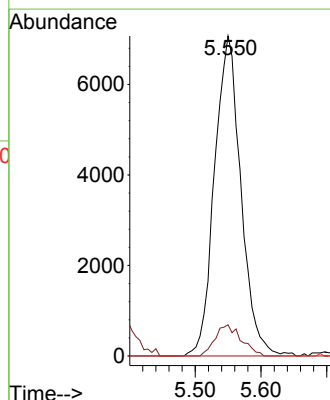
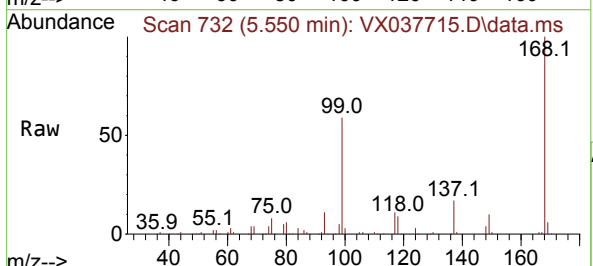
Tgt Ion: 75 Resp: 19688

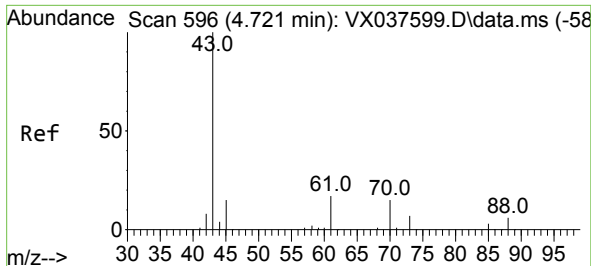
Ion Ratio Lower Upper

75 100

110 9.7 17.0 50.9#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.570 ug/l

RT: 4.733 min Scan# 596

Delta R.T. 0.012 min

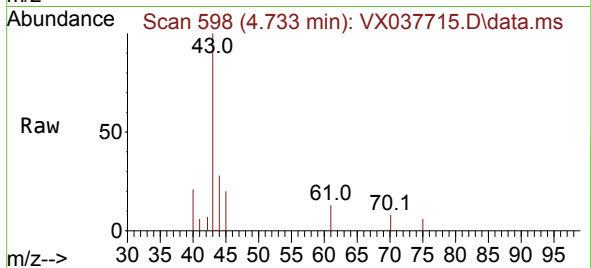
Lab File: VX037715.D

Acq: 14 Sep 2023 06:59

Instrument :

MSVOA_X

ClientSampleId :



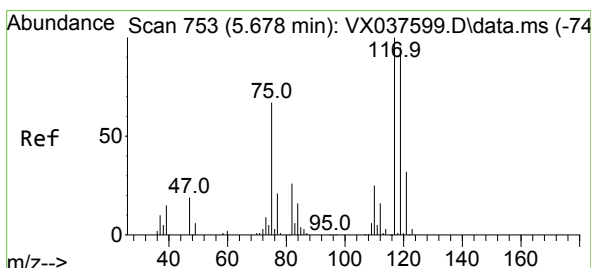
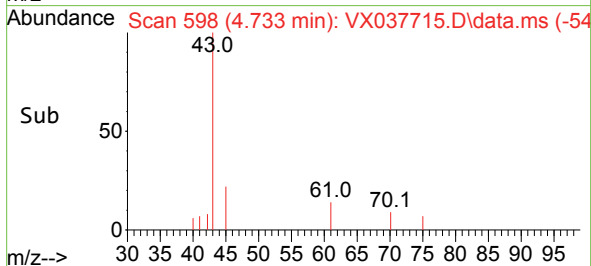
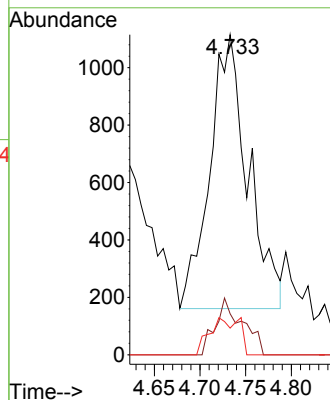
Tgt Ion: 43 Resp: 2762

Ion Ratio Lower Upper

43 100

61 14.8 10.6 16.0

70 10.5 8.3 12.5



#38

Carbon Tetrachloride

Concen: 6.099 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX037715.D

Acq: 14 Sep 2023 06:59

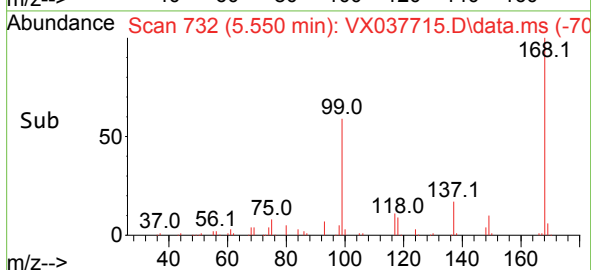
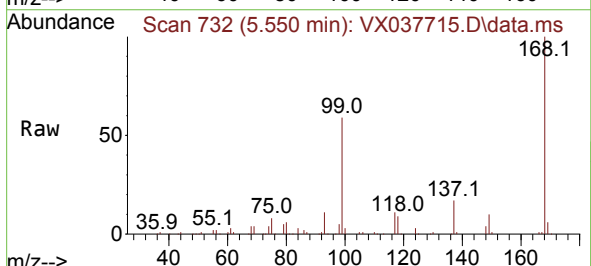
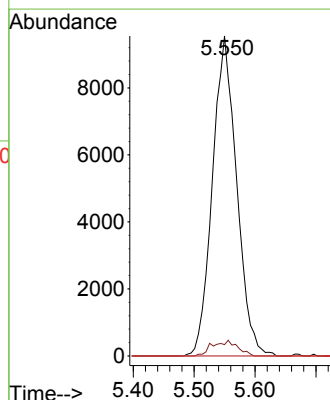
Tgt Ion: 117 Resp: 26385

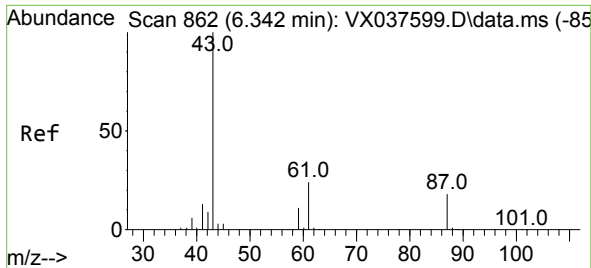
Ion Ratio Lower Upper

117 100

119 3.6 78.2 117.2#

121 0.0 24.4 36.6#

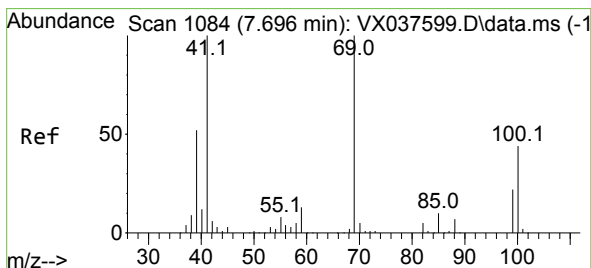
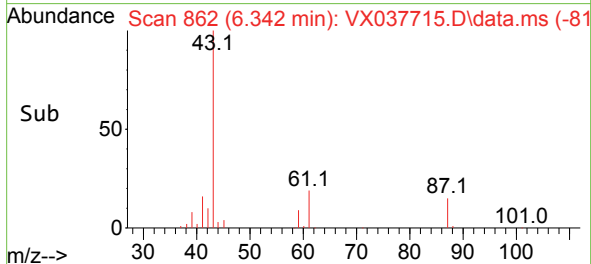
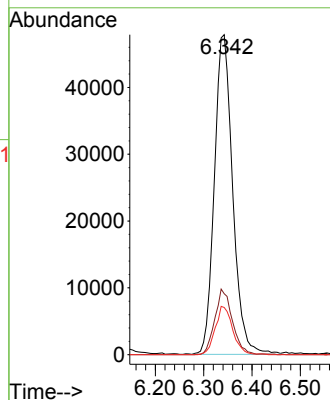
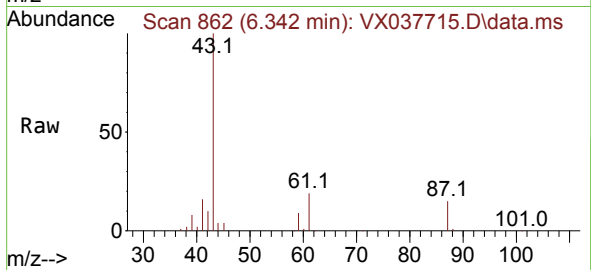




#43
Isopropyl Acetate
Concen: 16.292 ug/l
RT: 6.342 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX037715.D
Acq: 14 Sep 2023 06:59

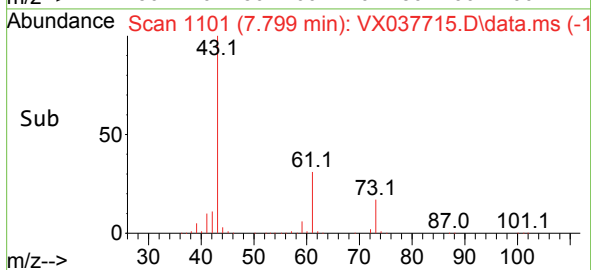
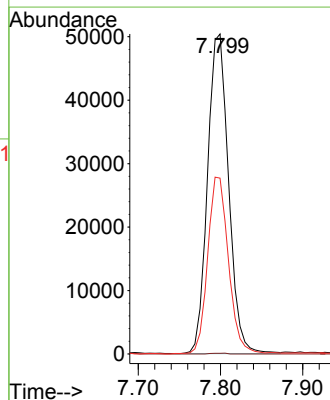
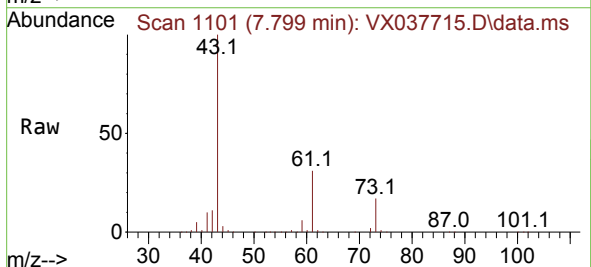
Instrument :
MSVOA_X
ClientSampleId :

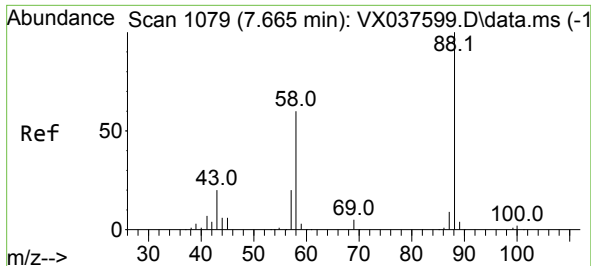
Tgt Ion: 43 Resp: 125943
Ion Ratio Lower Upper
43 100
61 19.6 15.2 22.8
87 14.4 9.8 14.6



#48
Methyl methacrylate
Concen: 23.989 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX037715.D
Acq: 14 Sep 2023 06:59

Tgt Ion: 41 Resp: 89640
Ion Ratio Lower Upper
41 100
69 0.2 59.2 88.8#
39 55.0 47.7 71.5

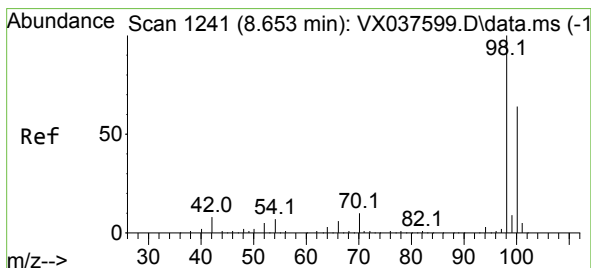
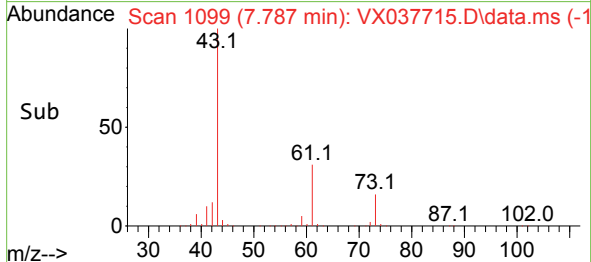
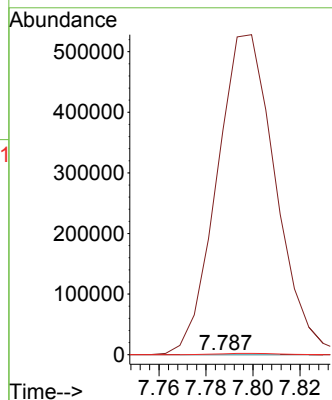
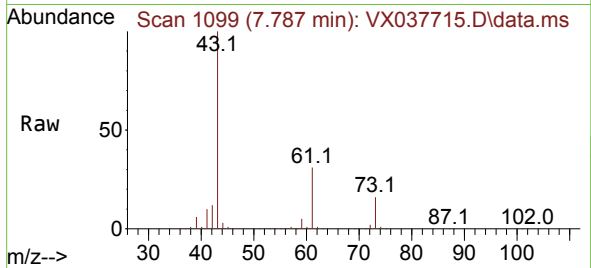




#49
1,4-Dioxane
Concen: 1.005 ug/l
RT: 7.787 min Scan# 1099
Delta R.T. 0.122 min
Lab File: VX037715.D
Acq: 14 Sep 2023 06:59

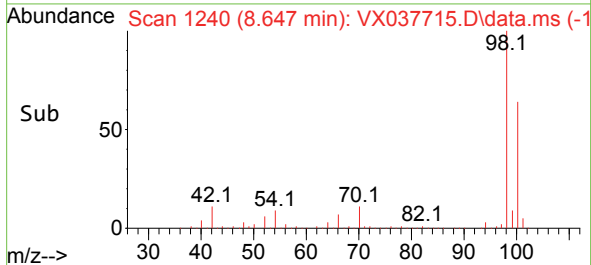
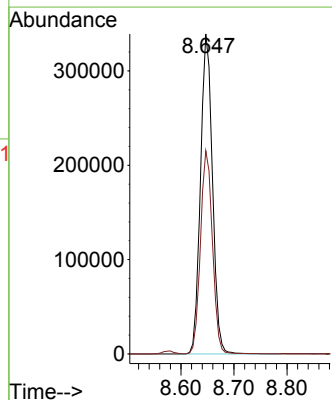
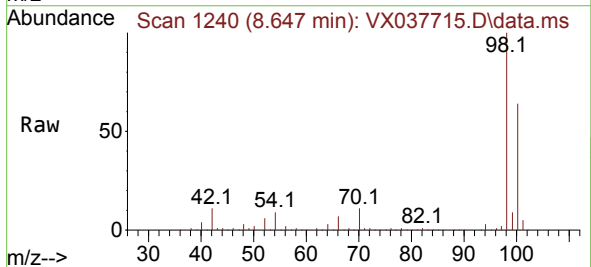
Instrument :
MSVOA_X
ClientSampleId :

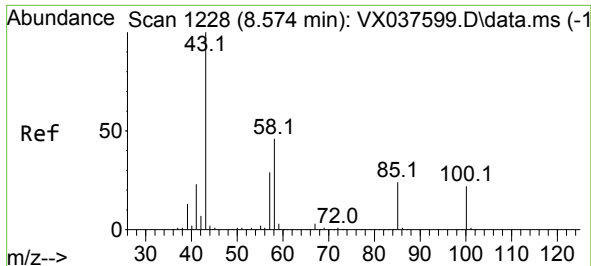
Tgt Ion: 88 Resp: 93
Ion Ratio Lower Upper
88 100
43 997673.1 0.0 0.0#
58 4372.0 60.1 90.1#



#50
Toluene-d8
Concen: 45.355 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX037715.D
Acq: 14 Sep 2023 06:59

Tgt Ion: 98 Resp: 532472
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7

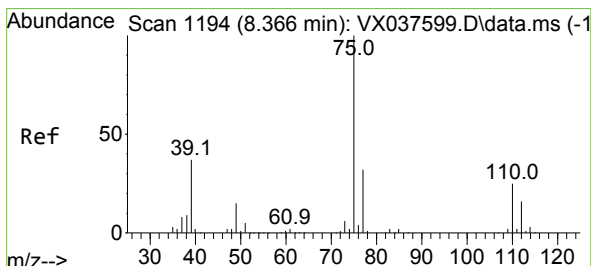
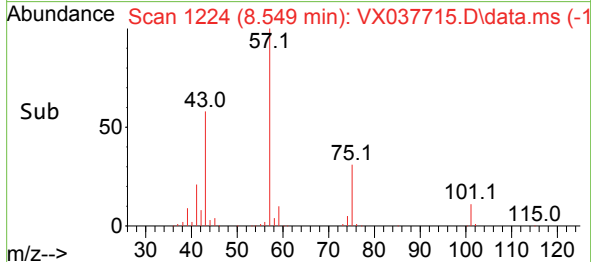
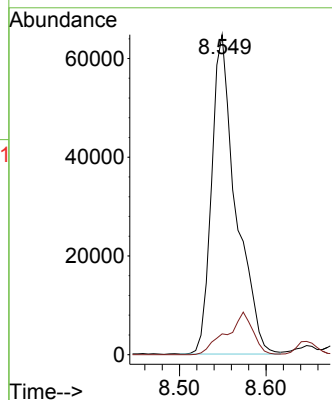
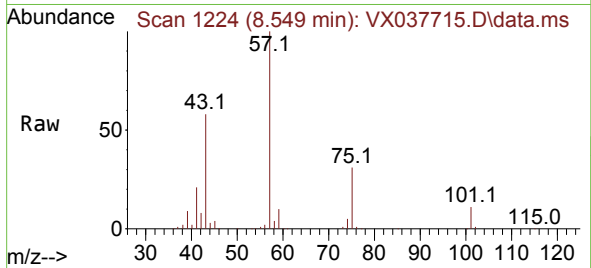




#51
4-Methyl-2-Pentanone
Concen: 24.881 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX037715.D
Acq: 14 Sep 2023 06:59

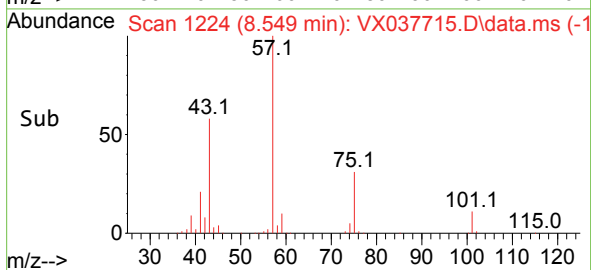
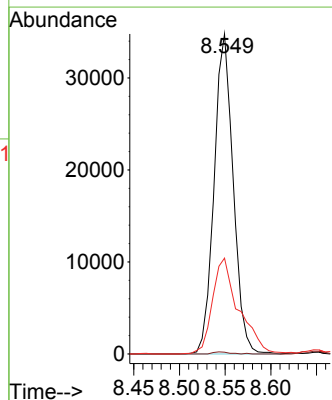
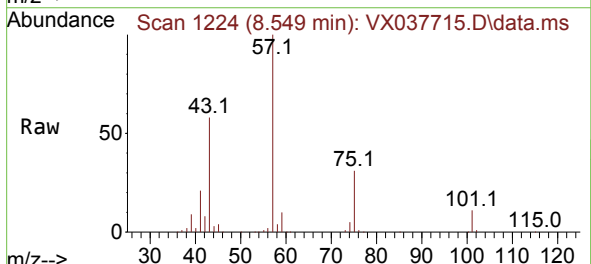
Instrument :
MSVOA_X
ClientSampleId :

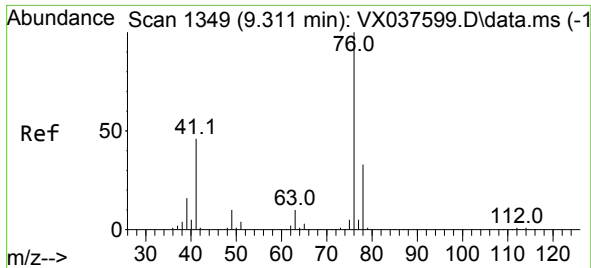
Tgt Ion: 43 Resp: 126294
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#54
cis-1,3-Dichloropropene
Concen: 10.188 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX037715.D
Acq: 14 Sep 2023 06:59

Tgt Ion: 75 Resp: 50429
Ion Ratio Lower Upper
75 100
77 0.6 25.3 37.9#
39 29.9 46.7 70.1#





#57

1,3-Dichloropropane

Concen: 0.786 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX037715.D

Acq: 14 Sep 2023 06:59

Instrument :

MSVOA_X

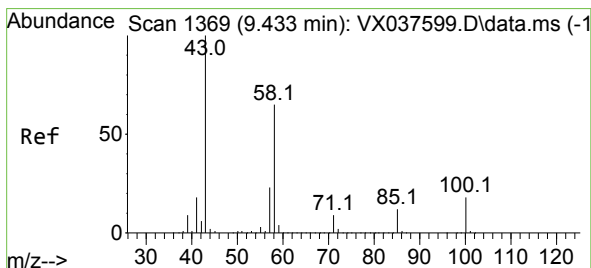
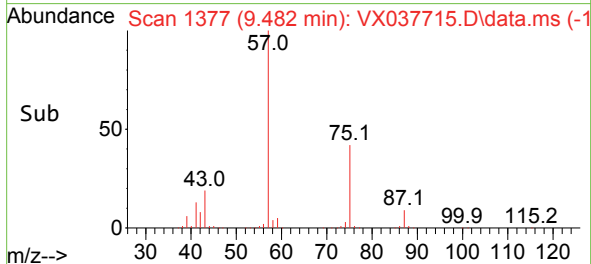
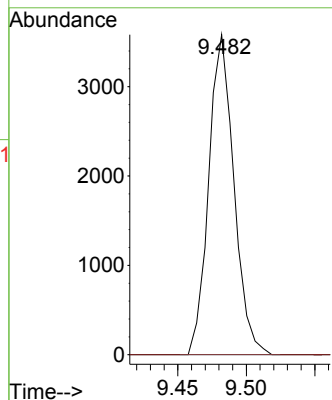
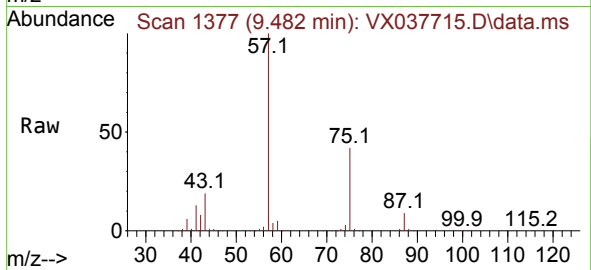
ClientSampleId :

Tgt Ion: 76 Resp: 4582

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 15.291 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX037715.D

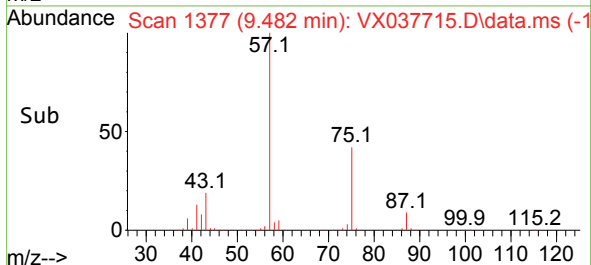
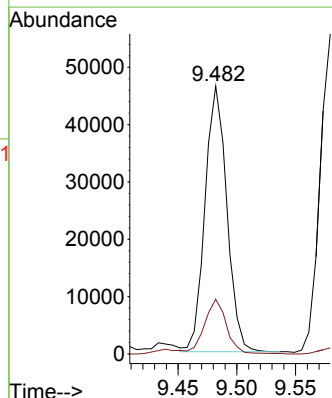
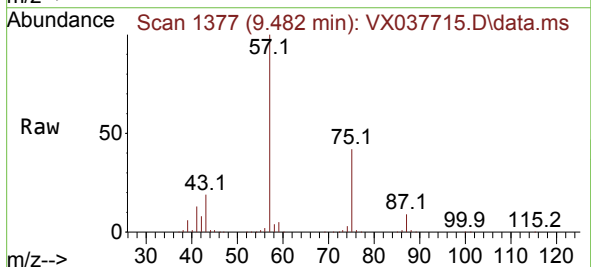
Acq: 14 Sep 2023 06:59

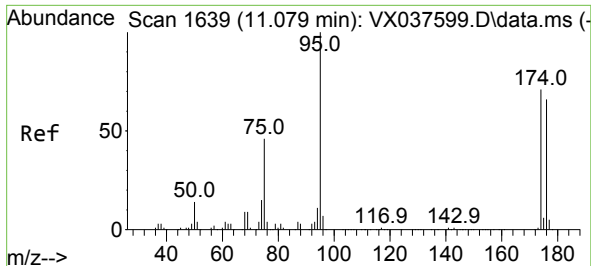
Tgt Ion: 43 Resp: 59914

Ion Ratio Lower Upper

43 100

58 20.6 26.2 78.5#

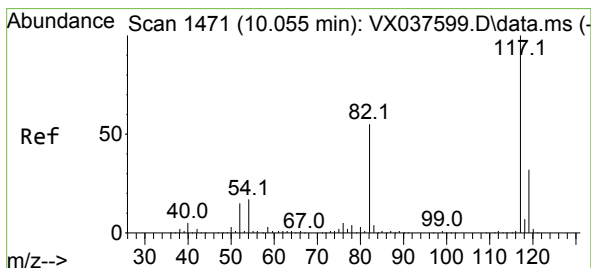
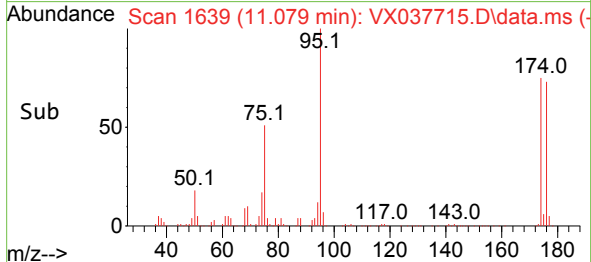
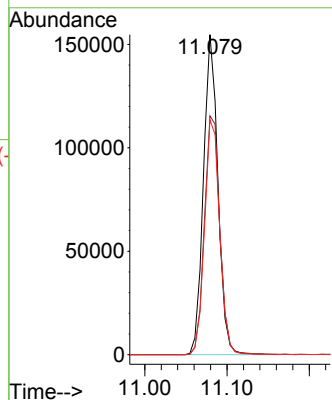
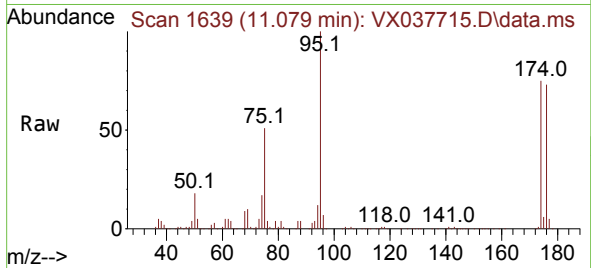




#62
4-Bromofluorobenzene
Concen: 44.721 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037715.D
Acq: 14 Sep 2023 06:59

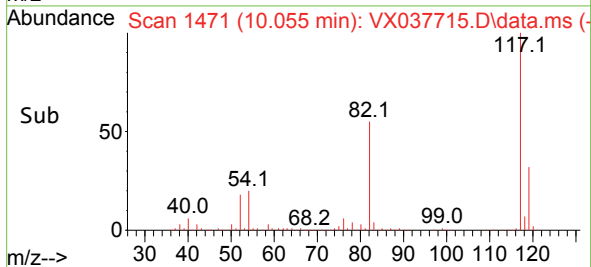
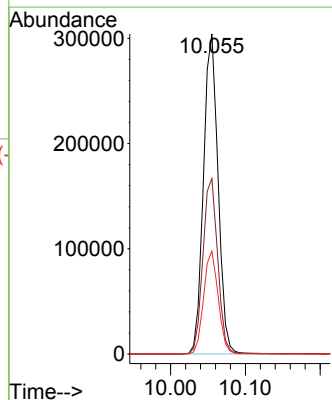
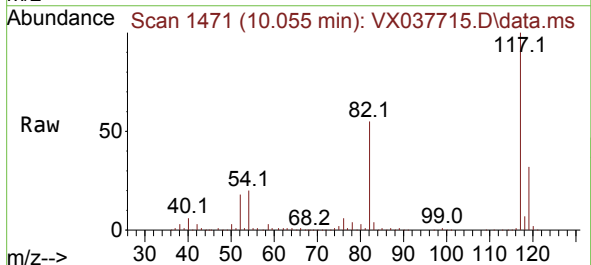
Instrument :
MSVOA_X
ClientSampleId :

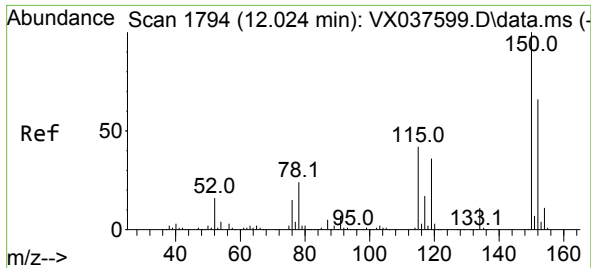
Tgt Ion: 95 Resp: 189419
Ion Ratio Lower Upper
95 100
174 79.6 0.0 135.6
176 76.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037715.D
Acq: 14 Sep 2023 06:59

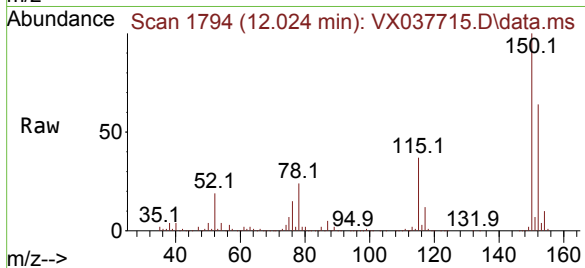
Tgt Ion: 117 Resp: 412523
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 32.1 25.5 38.3



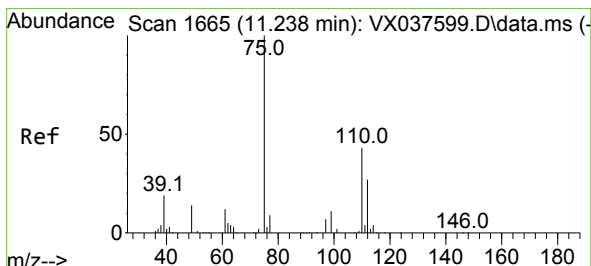
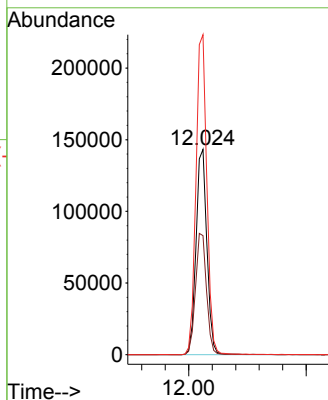
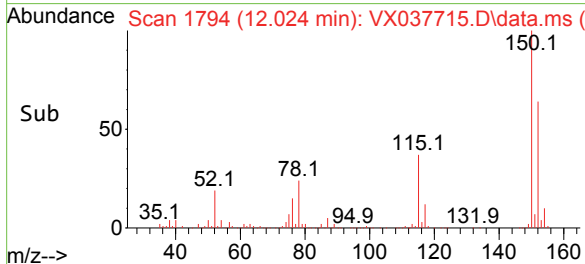


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037715.D
 Acq: 14 Sep 2023 06:59

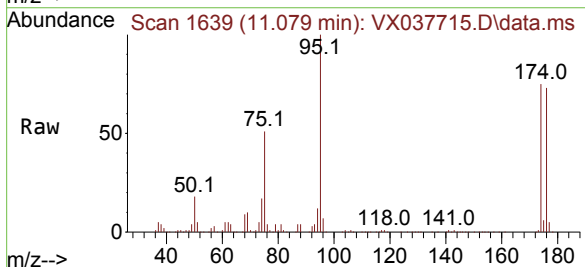
Instrument :
 MSVOA_X
 ClientSampleId :



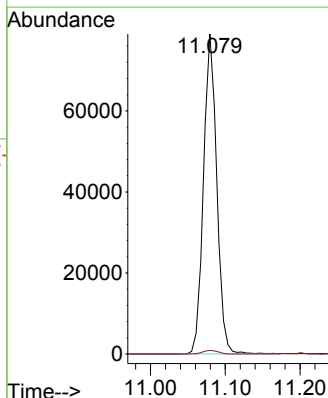
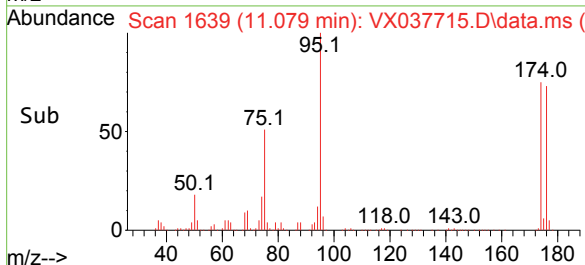
Tgt Ion:152 Resp: 183193
 Ion Ratio Lower Upper
 152 100
 115 60.0 43.3 129.9
 150 156.7 0.0 345.0

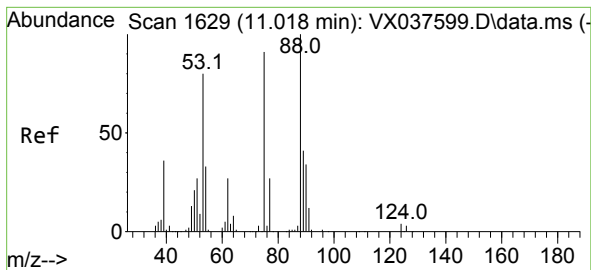


#76
 1,2,3-Trichloropropane
 Concen: 24.186 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037715.D
 Acq: 14 Sep 2023 06:59



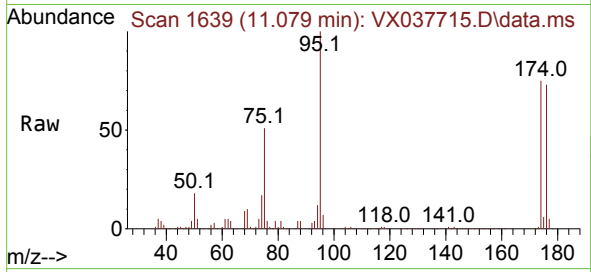
Tgt Ion: 75 Resp: 97409
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.520 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037715.D
 Acq: 14 Sep 2023 06:59

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 97409
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

