

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101823\
 Data File : VX038358.D
 Acq On : 18 Oct 2023 13:30
 Operator : JC/MD
 Sample : 04938-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 19 01:39:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

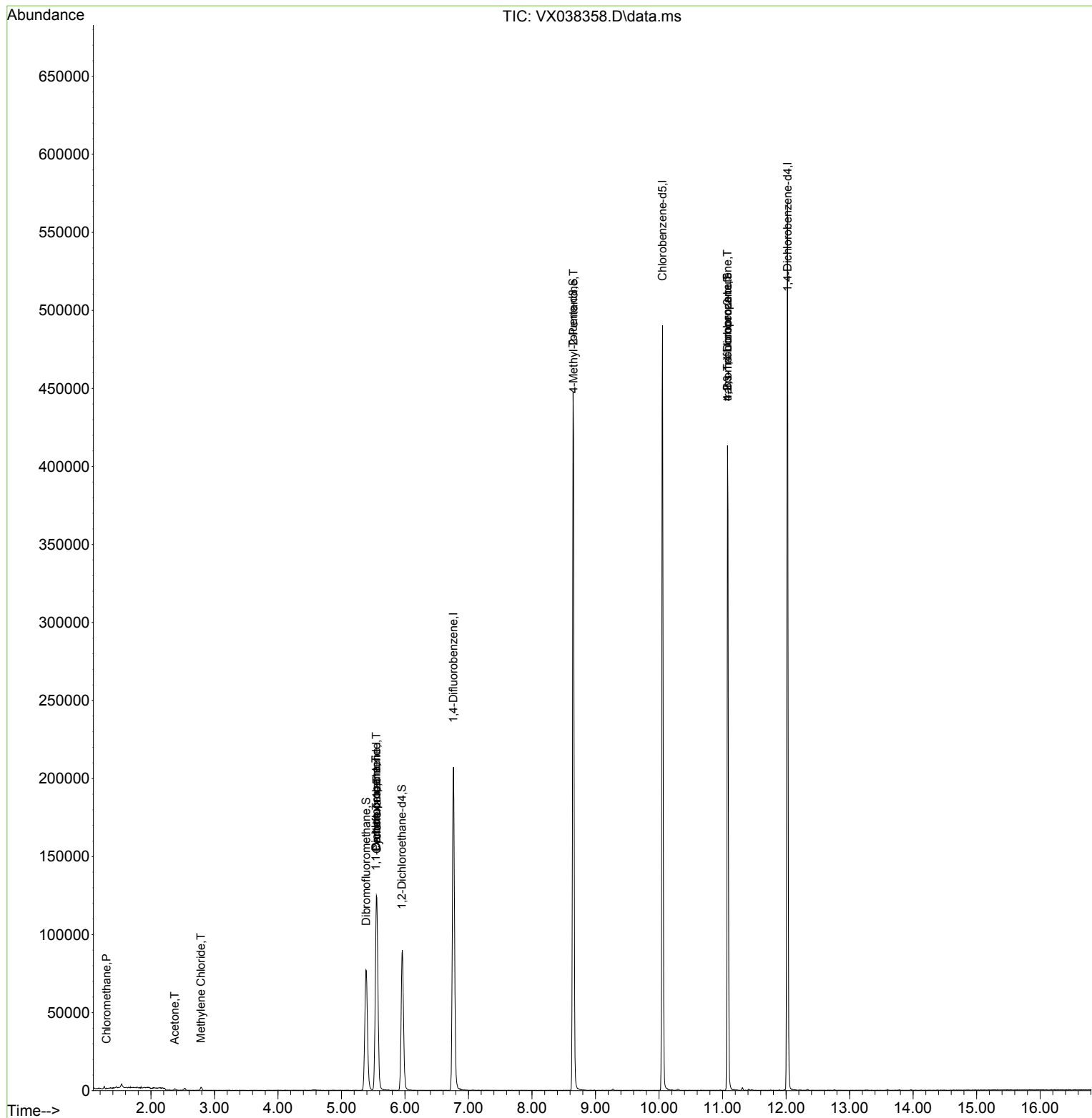
Internal Standards						
1) Pentafluorobenzene	5.550	168	119544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214736	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83776	43.570	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.140%		
35) Dibromofluoromethane	5.385	113	67025	43.317	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.640%		
50) Toluene-d8	8.647	98	271665	45.946	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.900%#		
62) 4-Bromofluorobenzene	11.079	95	105161	46.914	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.820%		
Target Compounds			Qvalue			
3) Chloromethane	1.301	50	336	0.286	ug/l	91
6) Chloroethane	1.666	64	76	Below Cal	#	43
16) Acetone	2.374	43	896	1.117	ug/l	96
20) Methylene Chloride	2.788	84	875	0.580	ug/l #	92
31) Cyclohexane	5.556	56	3053	1.466	ug/l #	9
36) 1,1-Dichloropropene	5.544	75	9659	4.527	ug/l #	51
38) Carbon Tetrachloride	5.550	117	12227	5.825	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1225	0.469	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	56760	21.231	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	56760	61.026	ug/l #	5

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

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Quant Time: Oct 19 01:39:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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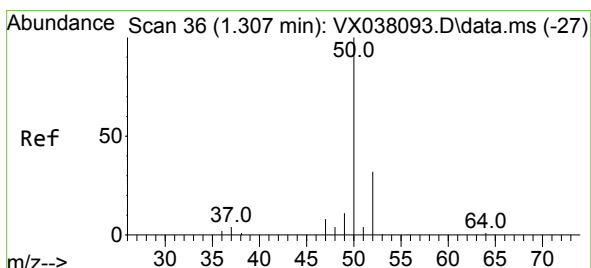
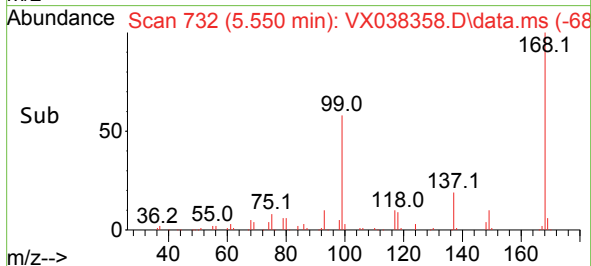
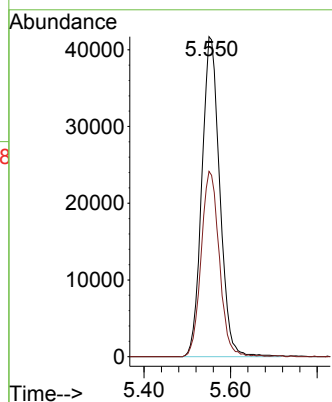
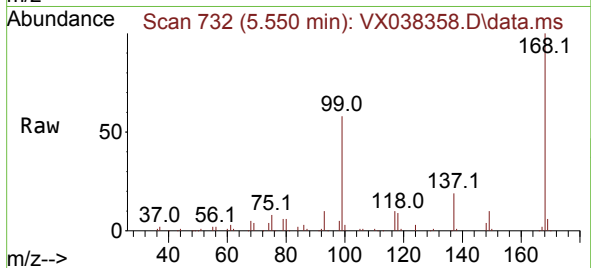




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038358.D
Acq: 18 Oct 2023 13:30

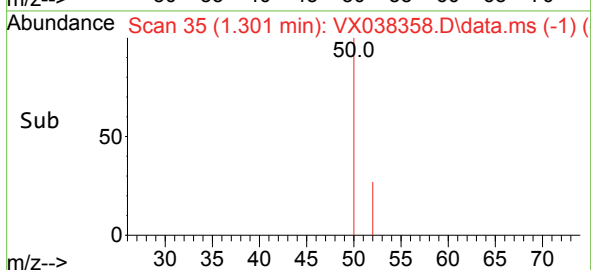
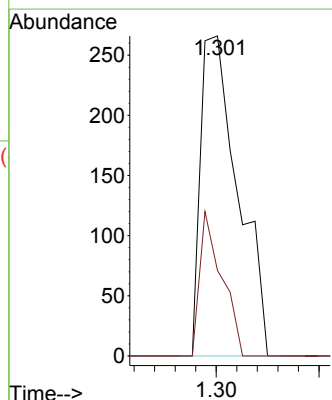
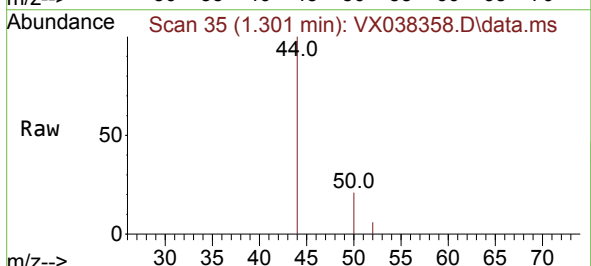
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 119544
Ion Ratio Lower Upper
168 100
99 57.9 56.6 85.0



#3
Chloromethane
Concen: 0.286 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038358.D
Acq: 18 Oct 2023 13:30

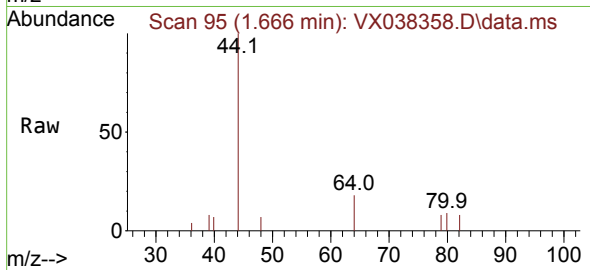
Tgt Ion: 50 Resp: 336
Ion Ratio Lower Upper
50 100
52 26.7 25.5 38.3



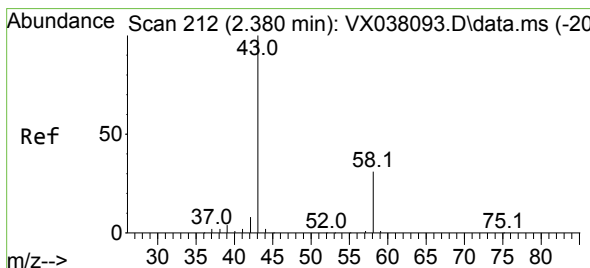
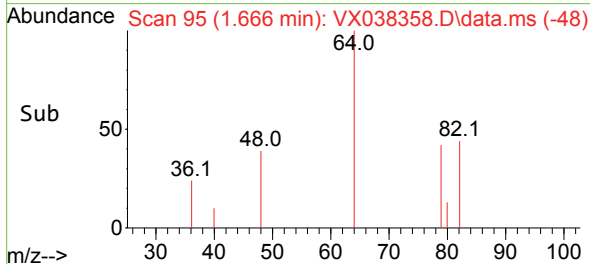
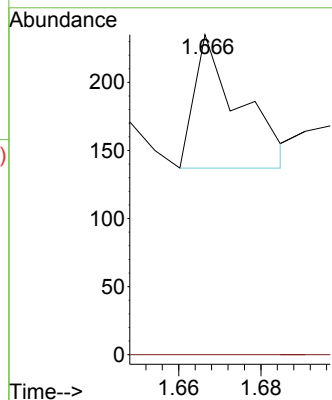


#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 91
Delta R.T. -0.013 min
Lab File: VX038358.D
Acq: 18 Oct 2023 13:30

Instrument :
MSVOA_X
ClientSampleId :

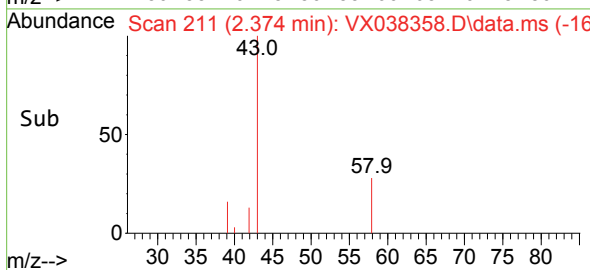
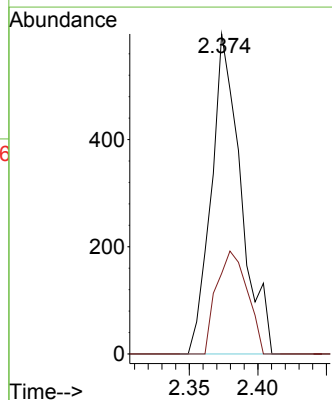
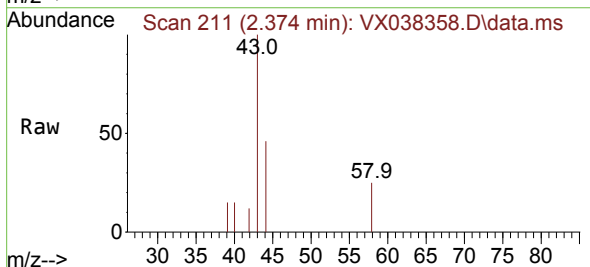


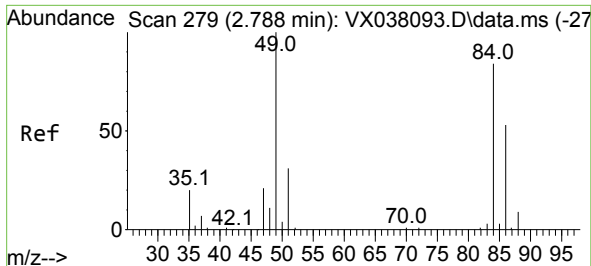
Tgt Ion: 64 Resp: 76
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 1.117 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038358.D
Acq: 18 Oct 2023 13:30

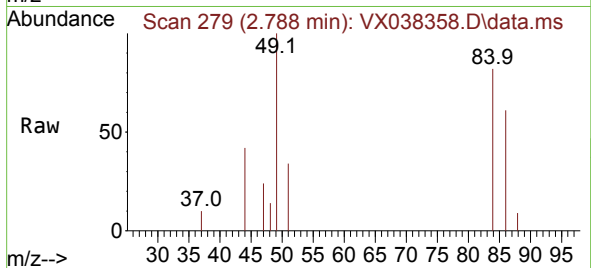
Tgt Ion: 43 Resp: 896
Ion Ratio Lower Upper
43 100
58 25.1 21.9 32.9





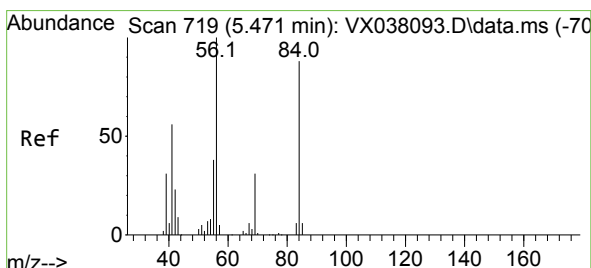
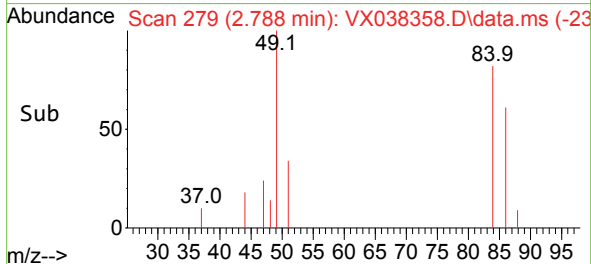
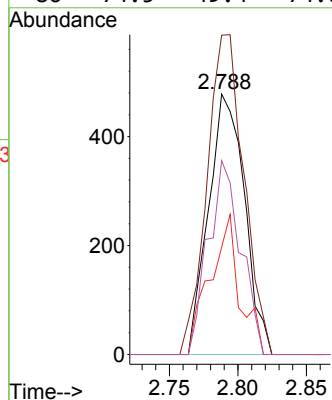
#20
Methylene Chloride
Concen: 0.580 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038358.D
Acq: 18 Oct 2023 13:30

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 875

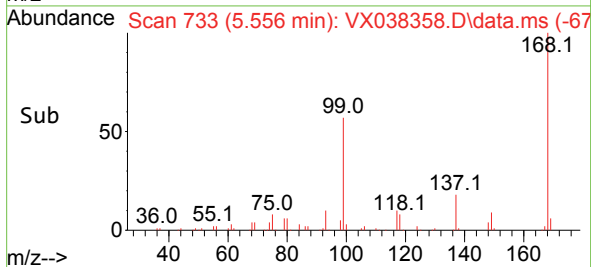
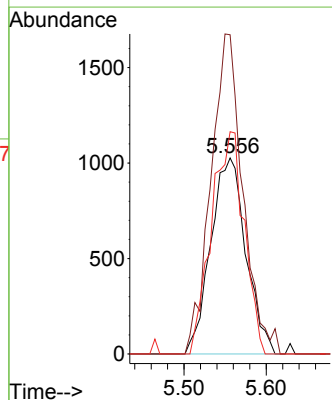
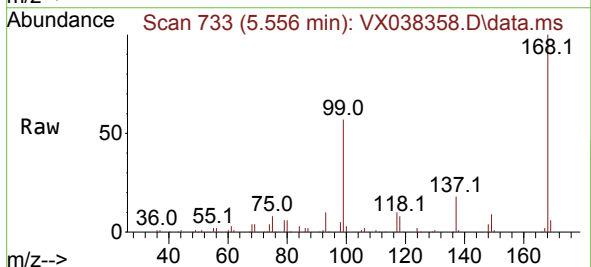
Ion	Ratio	Lower	Upper
84	100		
49	122.6	103.6	155.4
51	41.2	33.8	50.6
86	74.5	49.4	74.0#

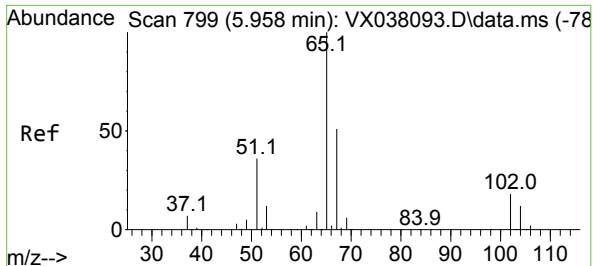


#31
Cyclohexane
Concen: 1.466 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX038358.D
Acq: 18 Oct 2023 13:30

Tgt Ion: 56 Resp: 3053

Ion	Ratio	Lower	Upper
56	100		
69	162.8	23.4	35.2#
84	113.3	65.9	98.9#

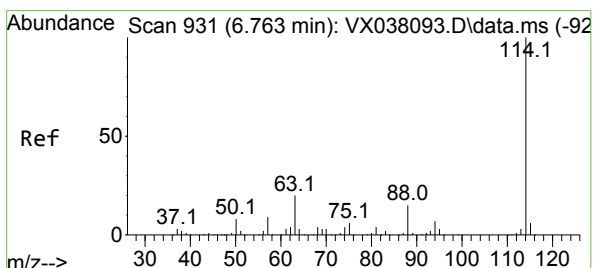
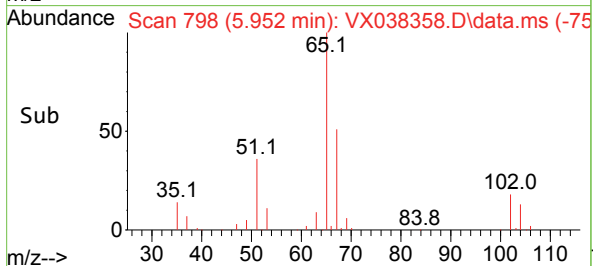
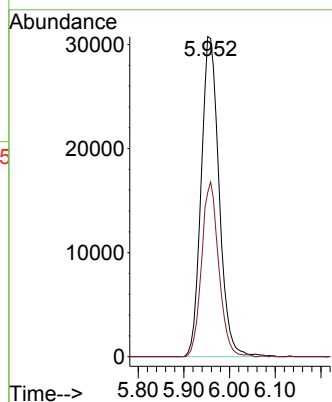
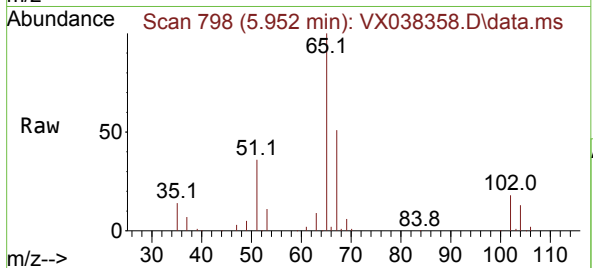




#33
 1,2-Dichloroethane-d4
 Concen: 43.570 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX038358.D
 Acq: 18 Oct 2023 13:30

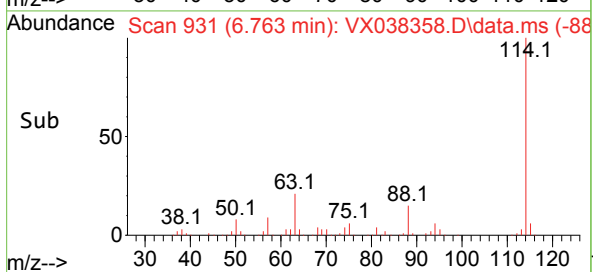
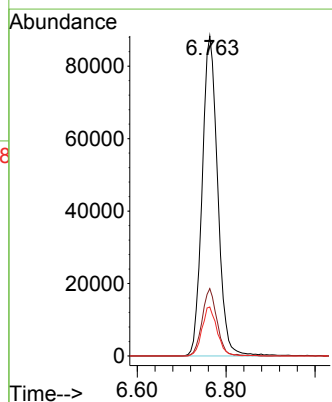
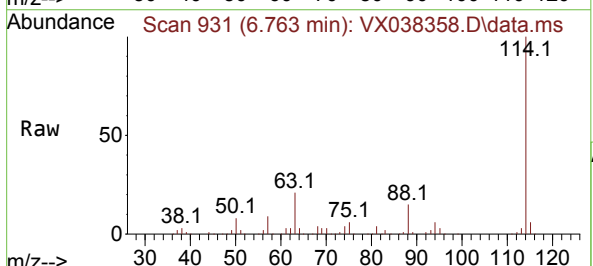
Instrument :
 MSVOA_X
 ClientSampleId :

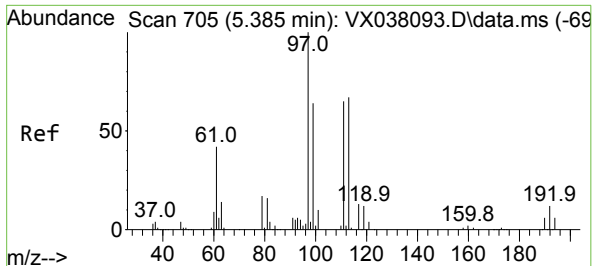
Tgt Ion: 65 Resp: 83776
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038358.D
 Acq: 18 Oct 2023 13:30

Tgt Ion:114 Resp: 214736
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 45.0
 88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 43.317 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

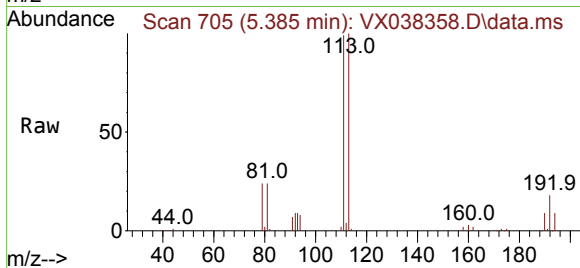
Lab File: VX038358.D

Acq: 18 Oct 2023 13:30

Instrument :

MSVOA_X

ClientSampleId :



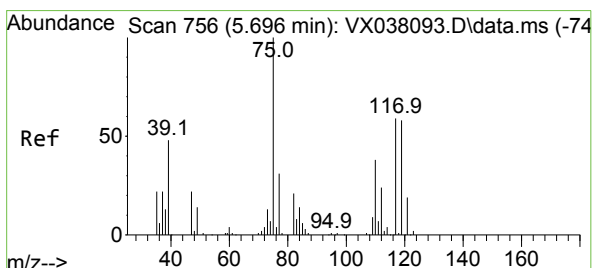
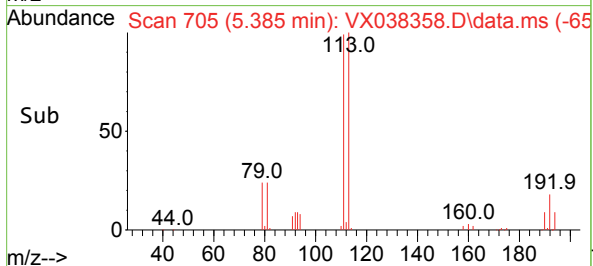
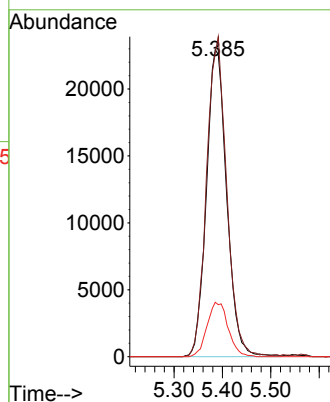
Tgt Ion:113 Resp: 67025

Ion Ratio Lower Upper

113 100

111 102.9 82.9 124.3

192 18.3 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.527 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX038358.D

Acq: 18 Oct 2023 13:30

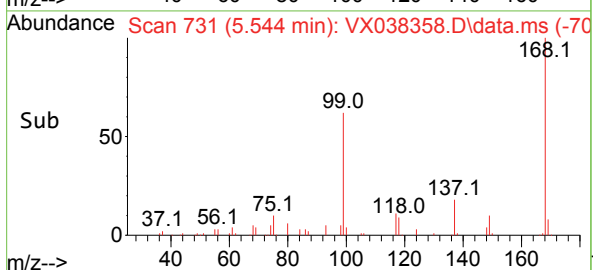
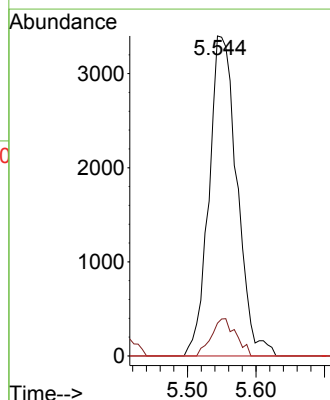
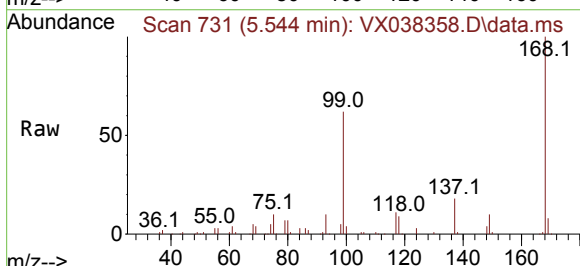
Tgt Ion: 75 Resp: 9659

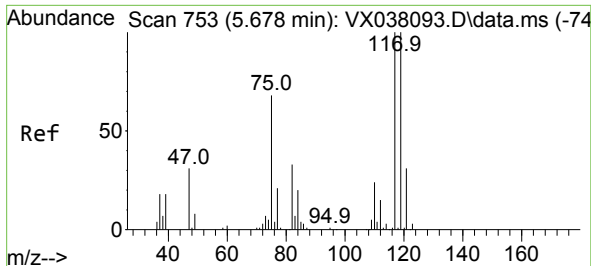
Ion Ratio Lower Upper

75 100

110 10.2 17.0 50.9#

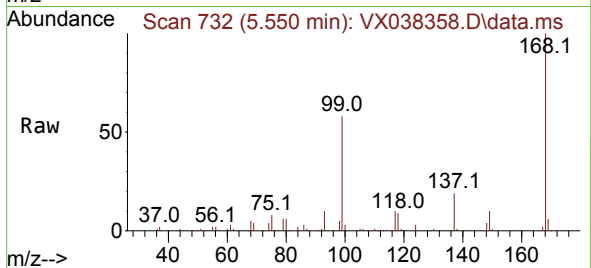
77 0.0 24.7 37.1#



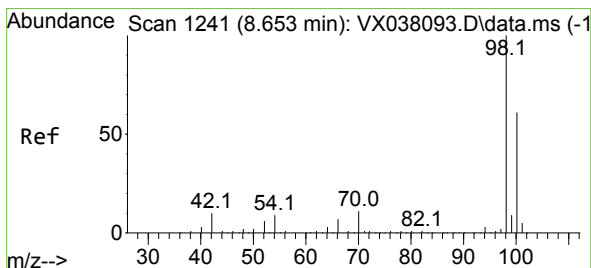
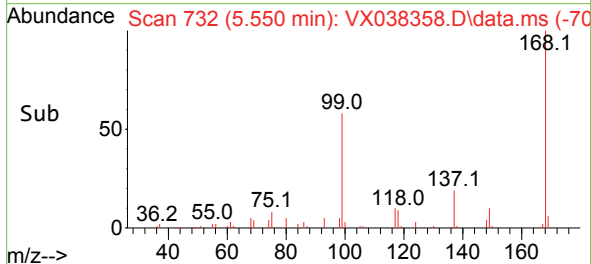
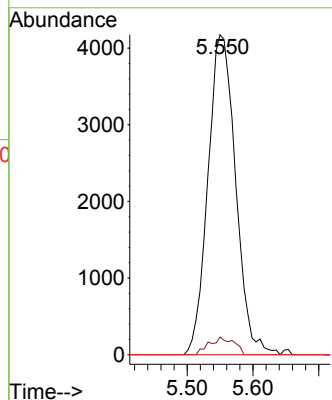


#38
Carbon Tetrachloride
Concen: 5.825 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038358.D
Acq: 18 Oct 2023 13:30

Instrument :
MSVOA_X
ClientSampleId :

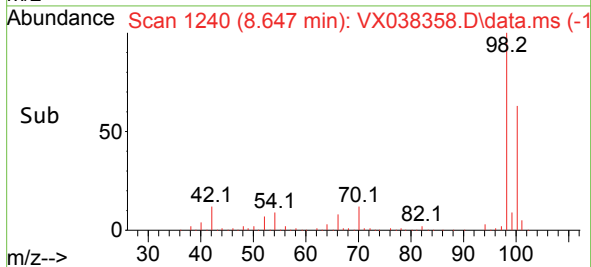
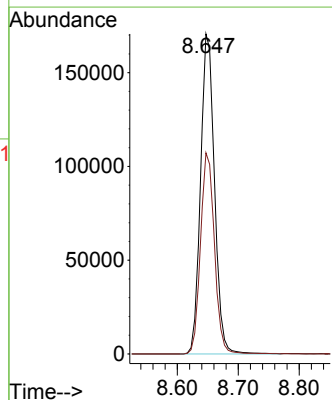
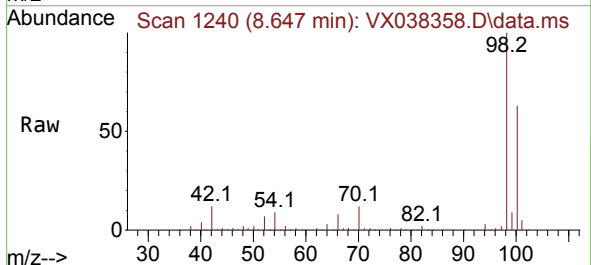


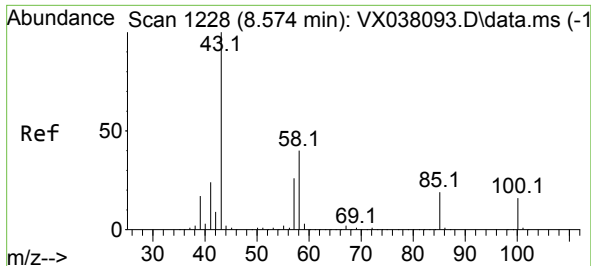
Tgt Ion:117 Resp: 12227
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.946 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038358.D
Acq: 18 Oct 2023 13:30

Tgt Ion: 98 Resp: 271665
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7

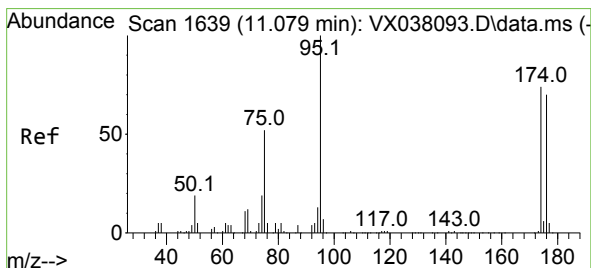
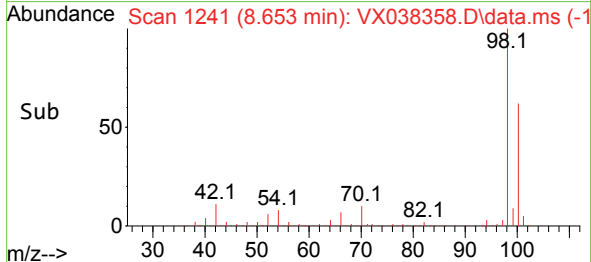
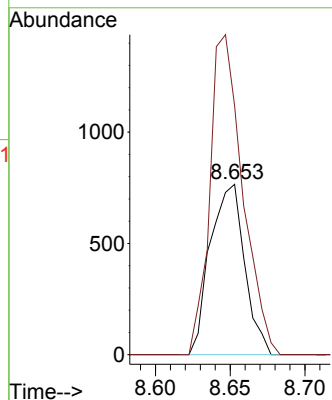
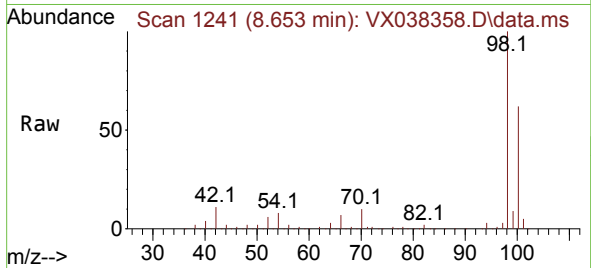




#51
4-Methyl-2-Pentanone
Concen: 0.469 ug/l
RT: 8.653 min Scan# 1225
Delta R.T. 0.079 min
Lab File: VX038358.D
Acq: 18 Oct 2023 13:30

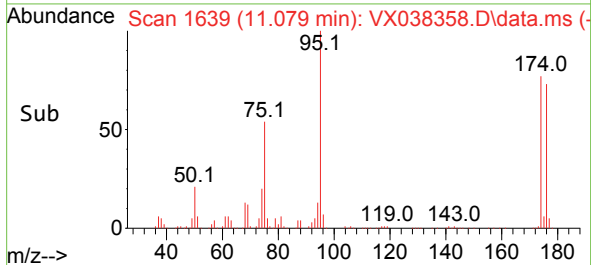
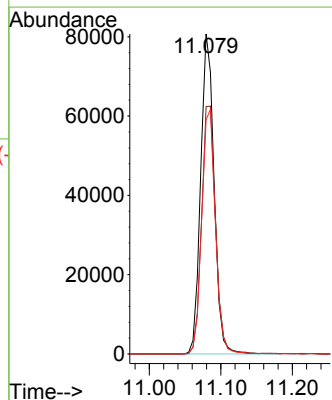
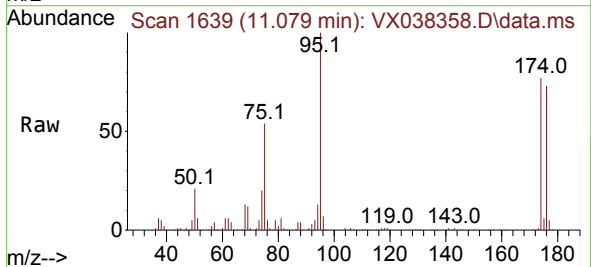
Instrument :
MSVOA_X
ClientSampleId :

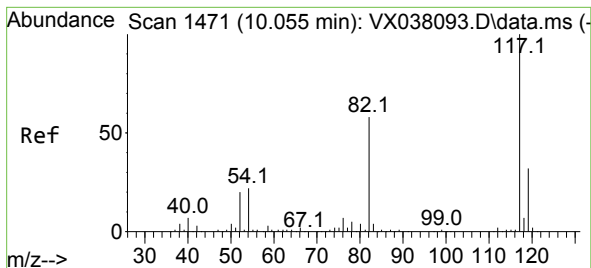
Tgt Ion: 43 Resp: 1225
Ion Ratio Lower Upper
43 100
58 179.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 46.914 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038358.D
Acq: 18 Oct 2023 13:30

Tgt Ion: 95 Resp: 105161
Ion Ratio Lower Upper
95 100
174 80.7 0.0 135.6
176 78.0 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: VX038358.D

Acq: 18 Oct 2023 13:30

Instrument :

MSVOA_X

ClientSampleId :

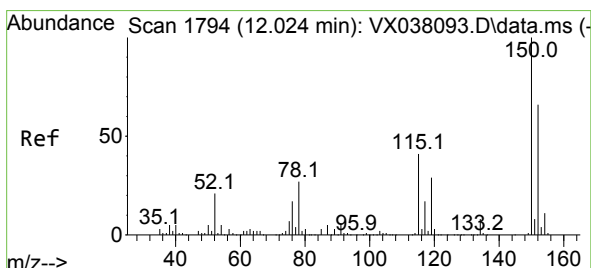
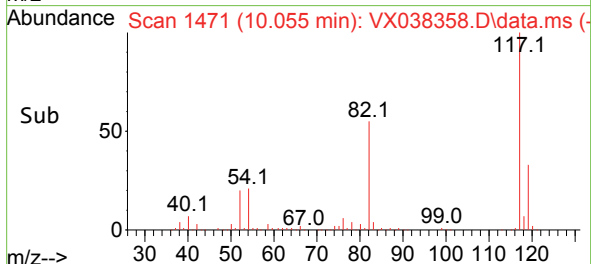
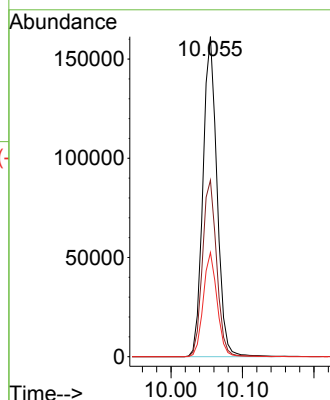
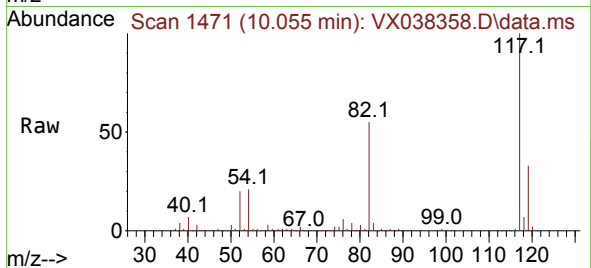
Tgt Ion:117 Resp: 220494

Ion Ratio Lower Upper

117 100

82 55.2 46.2 69.4

119 32.6 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: VX038358.D

Acq: 18 Oct 2023 13:30

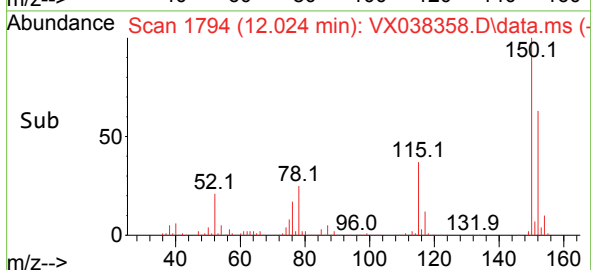
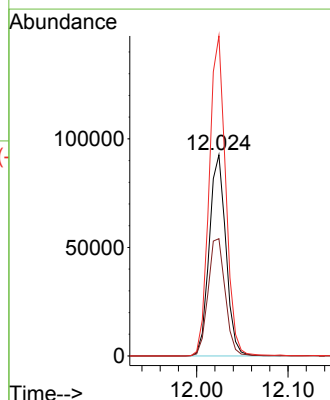
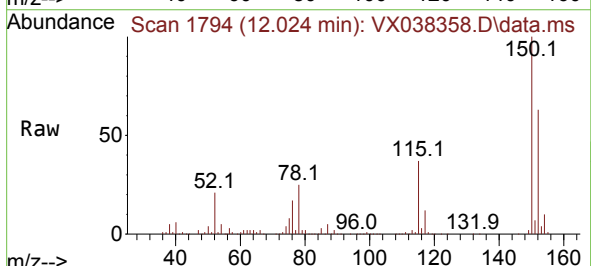
Tgt Ion:152 Resp: 117597

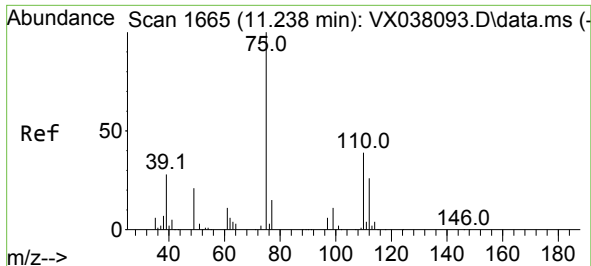
Ion Ratio Lower Upper

152 100

115 60.3 43.3 129.9

150 157.7 0.0 345.0

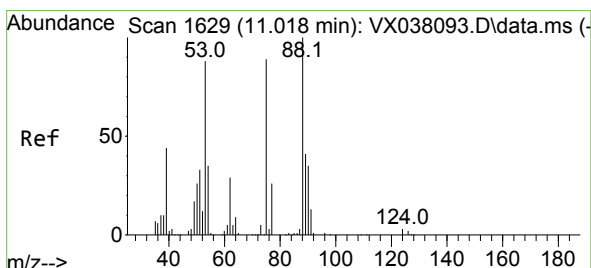
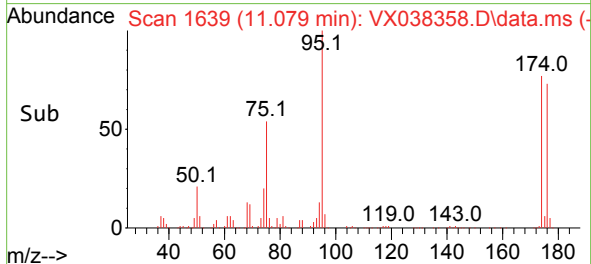
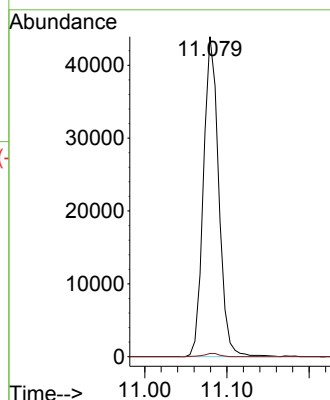
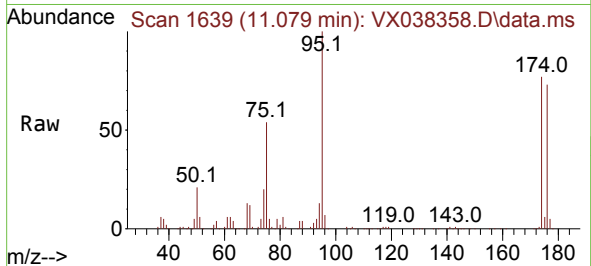




#76
1,2,3-Trichloropropane
Concen: 21.231 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038358.D
Acq: 18 Oct 2023 13:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 56760
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.026 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038358.D
Acq: 18 Oct 2023 13:30

Tgt Ion: 75 Resp: 56760
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

