

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
 Data File : VX038073.D
 Acq On : 04 Oct 2023 18:18
 Operator : JC/MD
 Sample : 04682-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 05 01:05:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 09:08:35 2023
 Response via : Initial Calibration

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

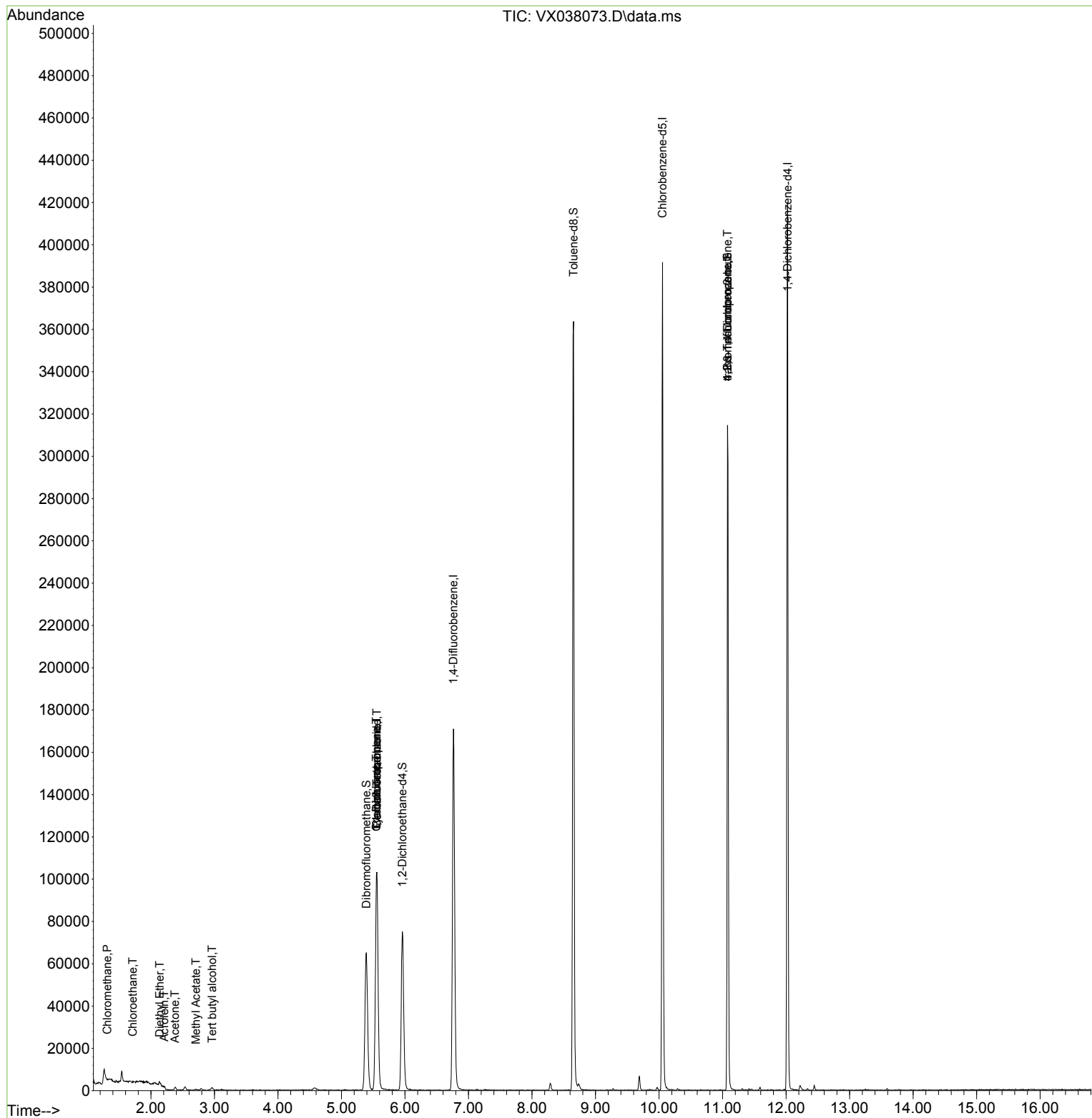
Internal Standards						
1) Pentafluorobenzene	5.556	168	96163	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	173919	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73804	49.326	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.660%
35) Dibromofluoromethane	5.391	113	55198	46.262	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.520%
50) Toluene-d8	8.653	98	219668	48.107	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.220%
62) 4-Bromofluorobenzene	11.079	95	79326	47.734	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.460%
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	303	0.240	ug/l #	43
6) Chloroethane	1.715	64	493	0.577	ug/l #	43
8) Diethyl Ether	2.136	74	222	0.270	ug/l #	36
11) Tert butyl alcohol	2.965	59	1136	3.380	ug/l #	90
13) Acrolein	2.209	56	52	0.270	ug/l #	12
16) Acetone	2.380	43	1503	2.287	ug/l	95
18) Methyl Acetate	2.709	43	589	0.208	ug/l #	67
20) Methylene Chloride	2.794	84	378	Below Cal	#	51
31) Cyclohexane	5.550	56	2349	1.343	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	8223	4.677	ug/l #	46
38) Carbon Tetrachloride	5.556	117	10140	5.926	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	44524	22.554	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	44524	76.171	ug/l #	5

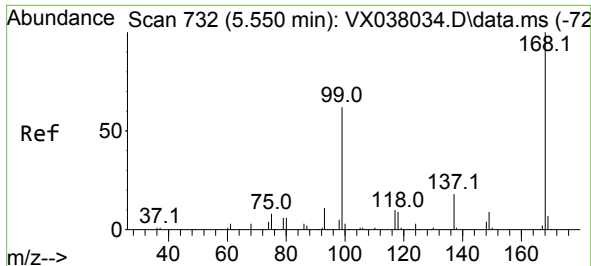
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
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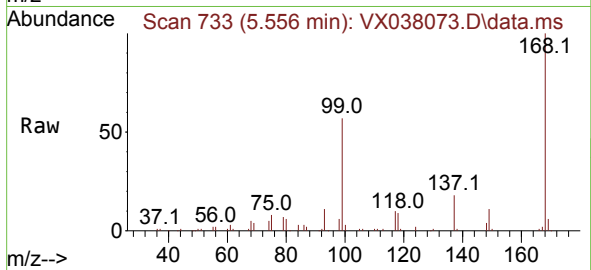
Quant Time: Oct 05 01:05:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 04 09:08:35 2023
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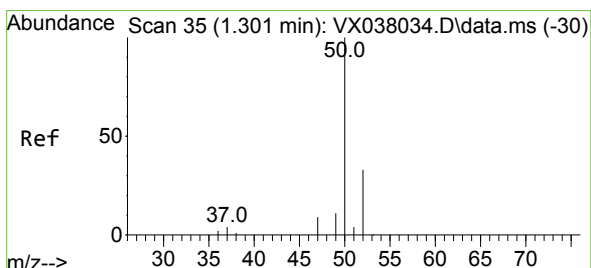
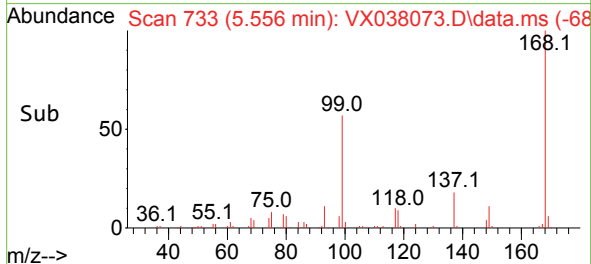
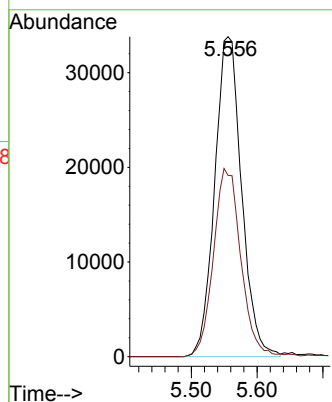


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038073.D
Acq: 04 Oct 2023 18:18

Instrument :
MSVOA_X
ClientSampleId :

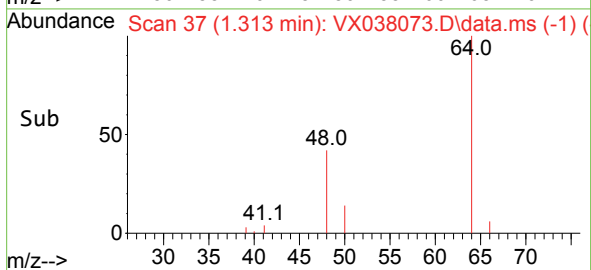
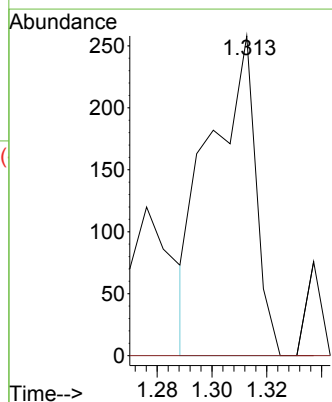
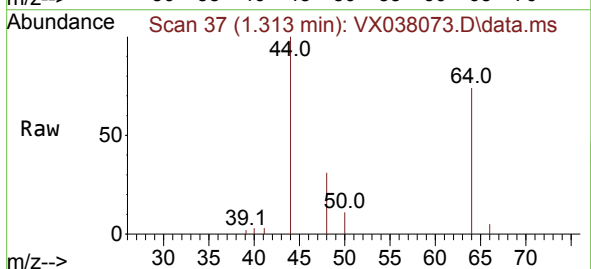


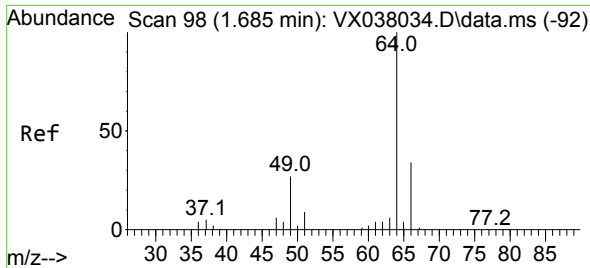
Tgt Ion:168 Resp: 96163
Ion Ratio Lower Upper
168 100
99 56.6 56.6 85.0#



#3
Chloromethane
Concen: 0.240 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.012 min
Lab File: VX038073.D
Acq: 04 Oct 2023 18:18

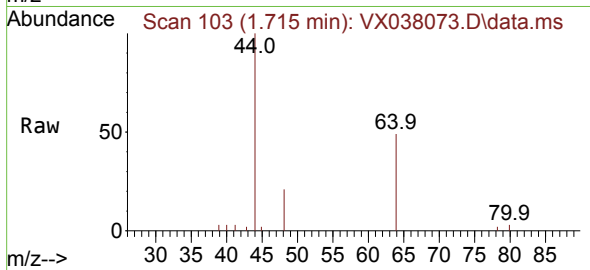
Tgt Ion: 50 Resp: 303
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



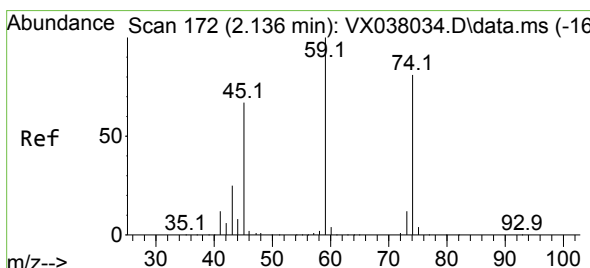
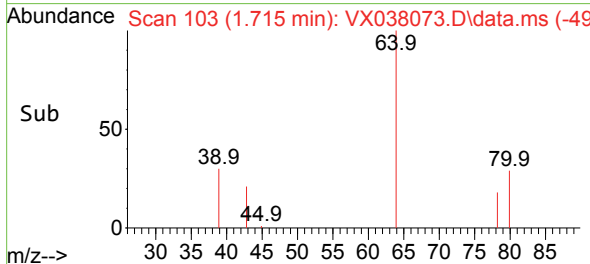
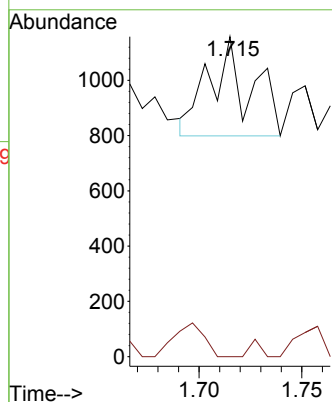


#6
Chloroethane
Concen: 0.577 ug/l
RT: 1.715 min Scan# 103
Delta R.T. 0.030 min
Lab File: VX038073.D
Acq: 04 Oct 2023 18:18

Instrument :
MSVOA_X
ClientSampleId :

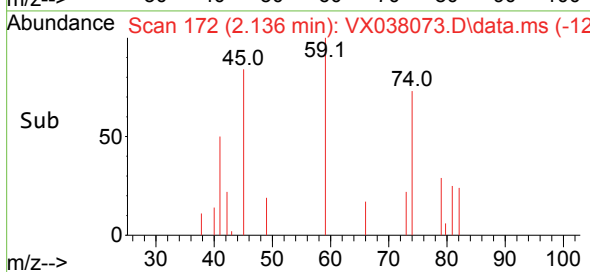
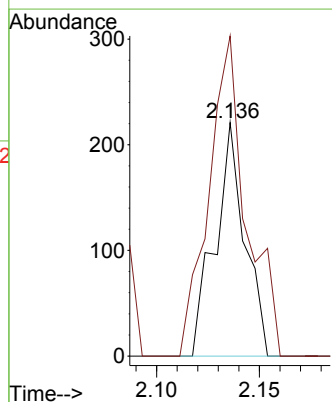
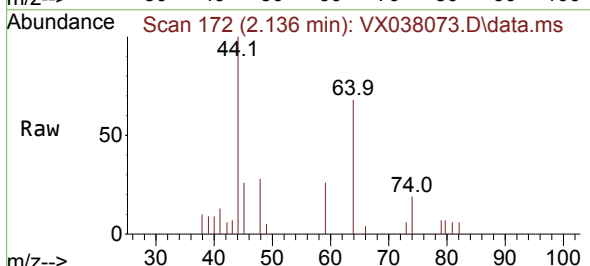


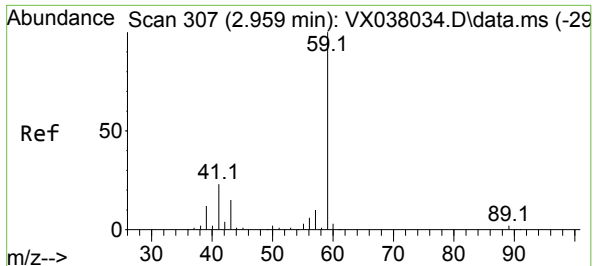
Tgt Ion: 64 Resp: 493
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#8
Diethyl Ether
Concen: 0.270 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX038073.D
Acq: 04 Oct 2023 18:18

Tgt Ion: 74 Resp: 222
Ion Ratio Lower Upper
74 100
45 173.0 53.3 159.8#





#11

Tert butyl alcohol

Concen: 3.380 ug/l

RT: 2.965 min Scan# 307

Delta R.T. 0.006 min

Lab File: VX038073.D

Acq: 04 Oct 2023 18:18

Instrument :

MSVOA_X

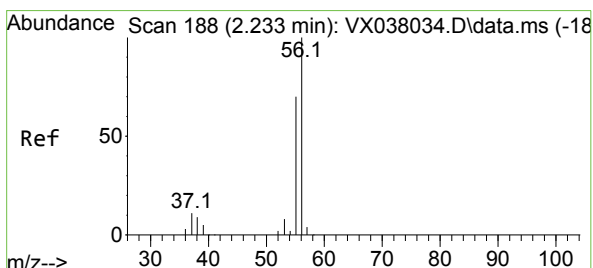
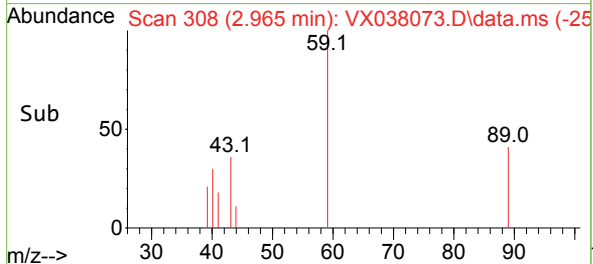
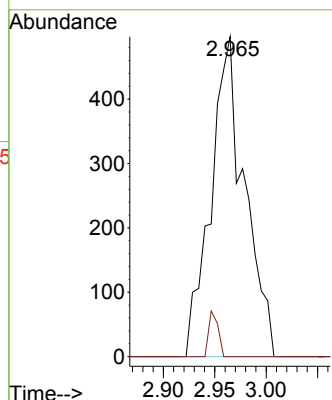
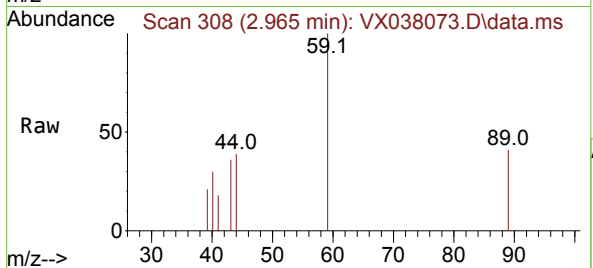
ClientSampleId :

Tgt Ion: 59 Resp: 1136

Ion Ratio Lower Upper

59 100

57 4.0 6.0 9.0#



#13

Acrolein

Concen: 0.270 ug/l

RT: 2.209 min Scan# 184

Delta R.T. -0.024 min

Lab File: VX038073.D

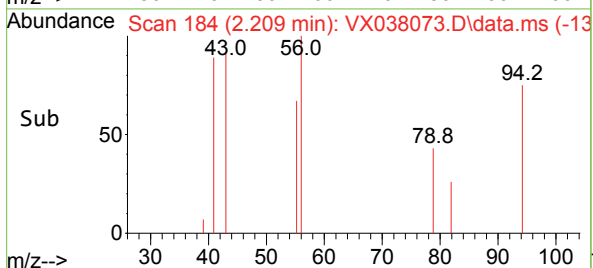
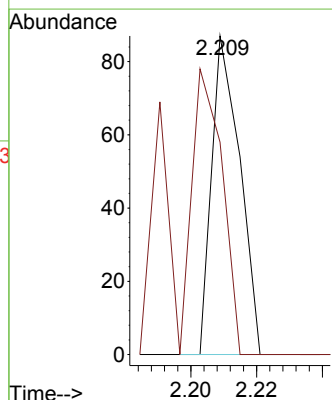
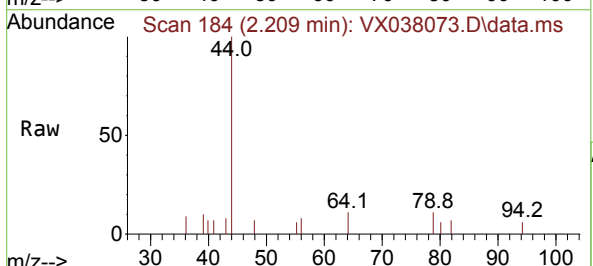
Acq: 04 Oct 2023 18:18

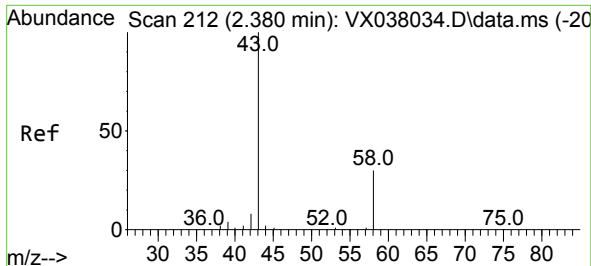
Tgt Ion: 56 Resp: 52

Ion Ratio Lower Upper

56 100

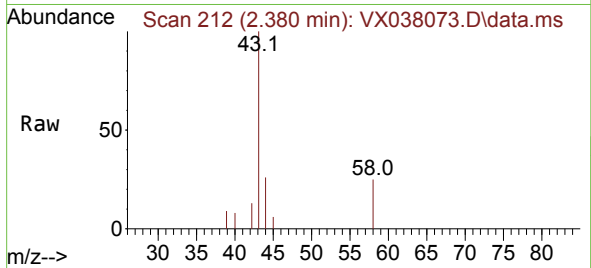
55 144.2 57.1 85.7#



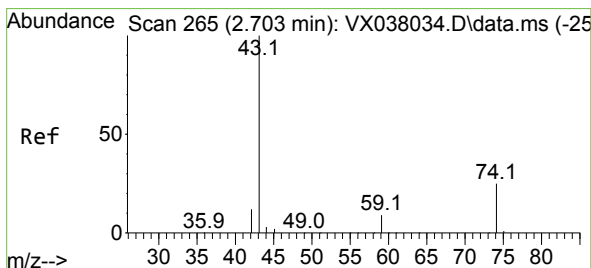
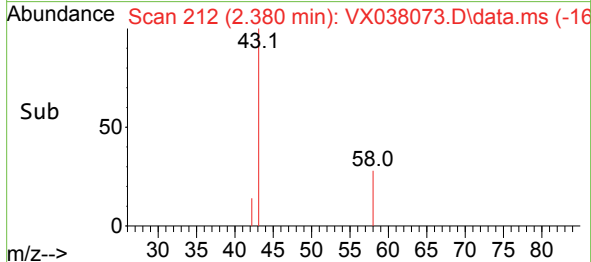
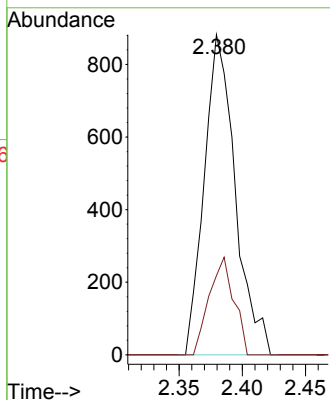


#16
Acetone
Concen: 2.287 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038073.D
Acq: 04 Oct 2023 18:18

Instrument :
MSVOA_X
ClientSampleId :

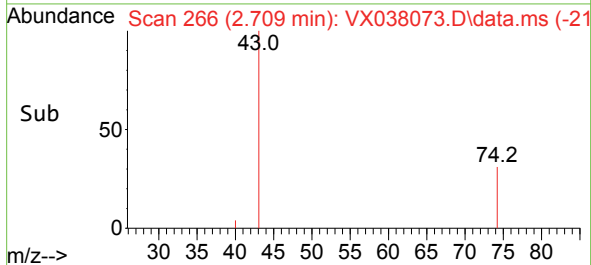
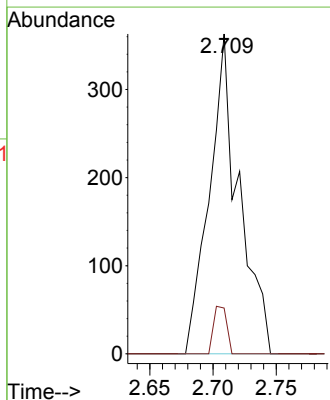
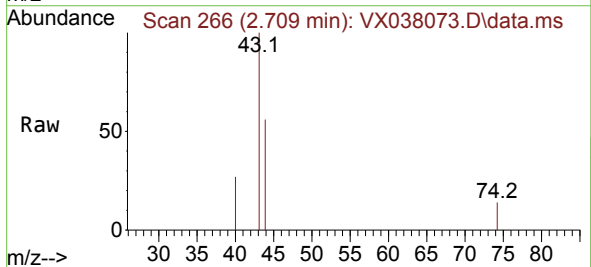


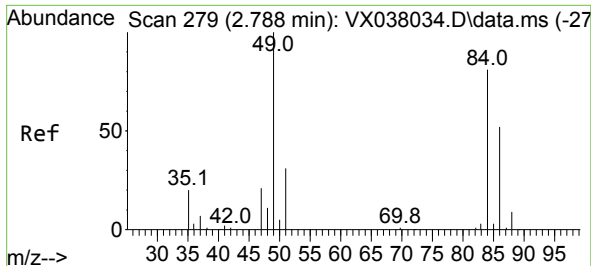
Tgt Ion: 43 Resp: 1503
Ion Ratio Lower Upper
43 100
58 24.7 21.9 32.9



#18
Methyl Acetate
Concen: 0.208 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX038073.D
Acq: 04 Oct 2023 18:18

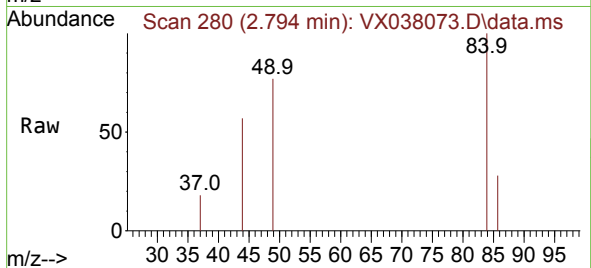
Tgt Ion: 43 Resp: 589
Ion Ratio Lower Upper
43 100
74 6.6 17.8 26.8#



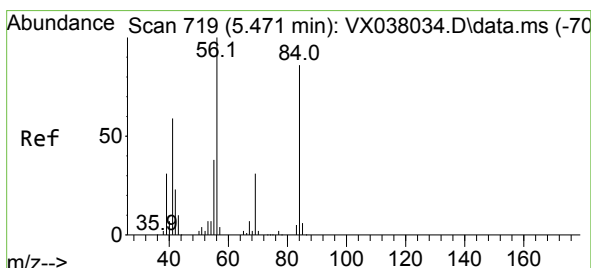
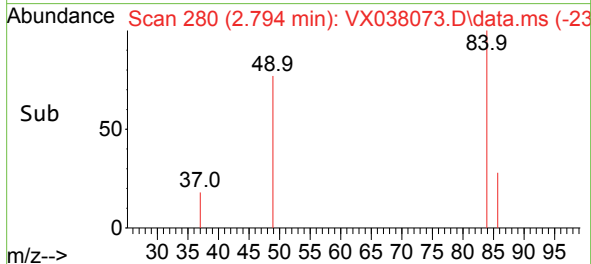
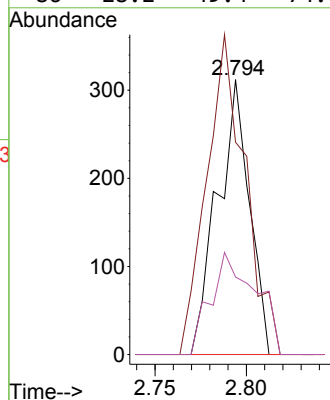


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038073.D
Acq: 04 Oct 2023 18:18

Instrument :
MSVOA_X
ClientSampleId :

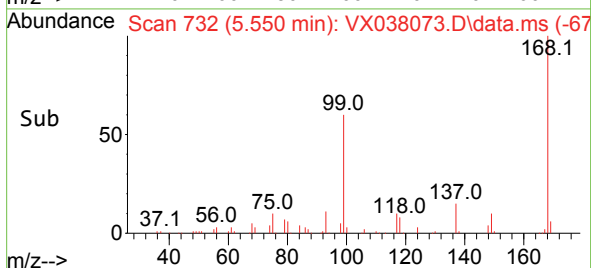
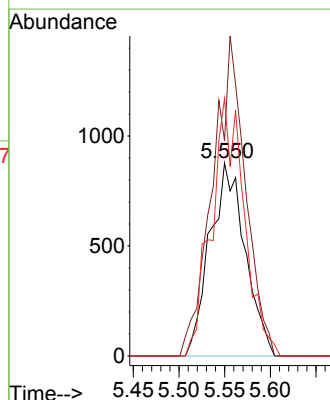
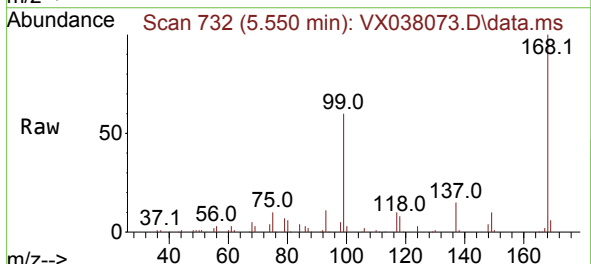


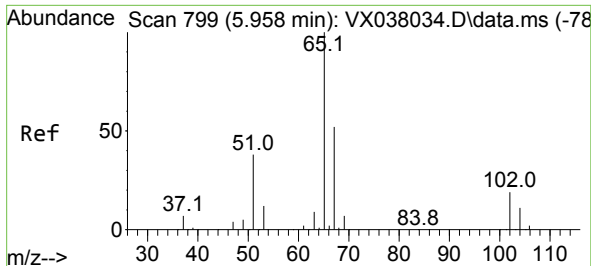
Tgt Ion: 84 Resp: 378
Ion Ratio Lower Upper
84 100
49 77.2 103.6 155.4#
51 0.0 33.8 50.6#
86 28.2 49.4 74.0#



#31
Cyclohexane
Concen: 1.343 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038073.D
Acq: 04 Oct 2023 18:18

Tgt Ion: 56 Resp: 2349
Ion Ratio Lower Upper
56 100
69 111.7 23.4 35.2#
84 133.3 65.9 98.9#

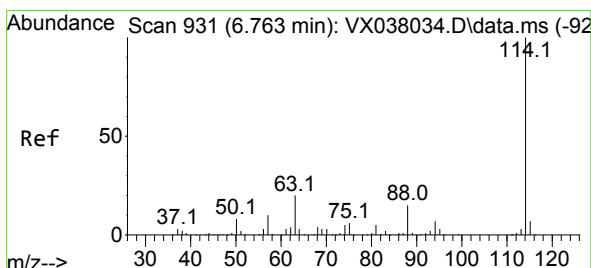
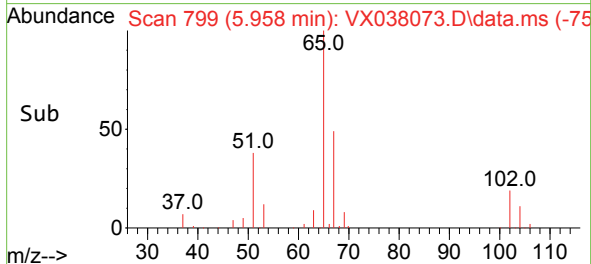
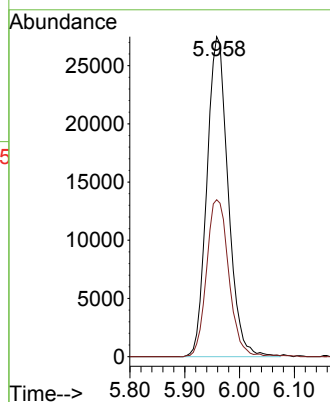
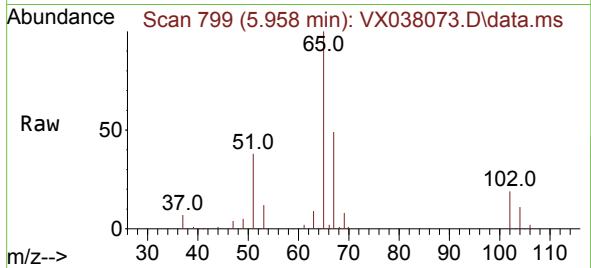




#33
1,2-Dichloroethane-d4
Concen: 49.326 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038073.D
Acq: 04 Oct 2023 18:18

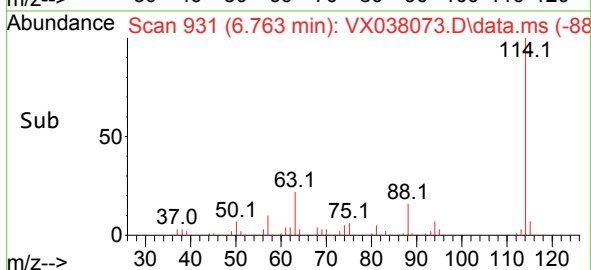
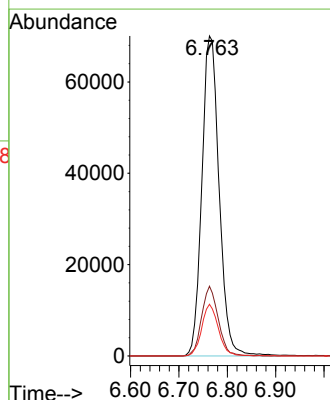
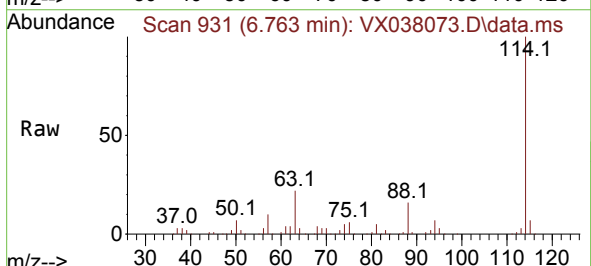
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ClientSampleId :

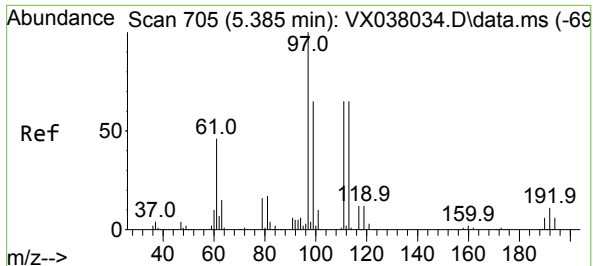
Tgt Ion: 65 Resp: 73804
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX038073.D
Acq: 04 Oct 2023 18:18

Tgt Ion: 114 Resp: 173919
Ion Ratio Lower Upper
114 100
63 21.8 0.0 45.0
88 16.1 0.0 36.6

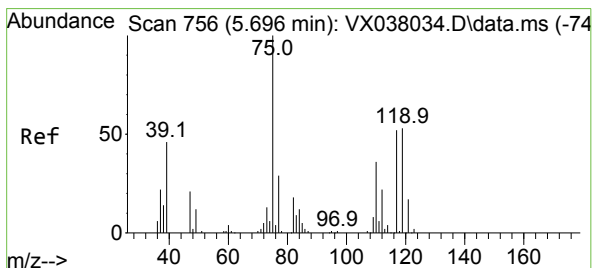
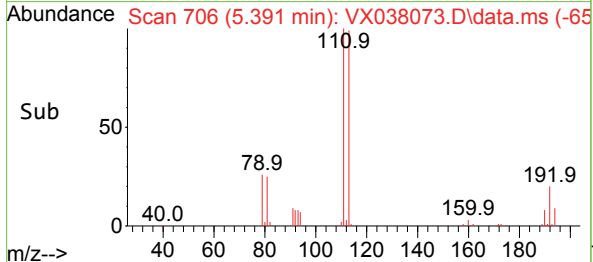
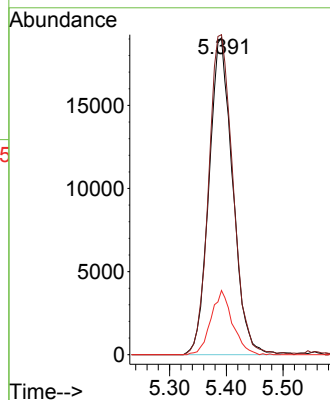
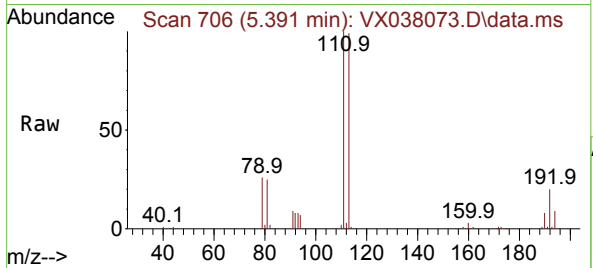




#35
Dibromofluoromethane
Concen: 46.262 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038073.D
Acq: 04 Oct 2023 18:18

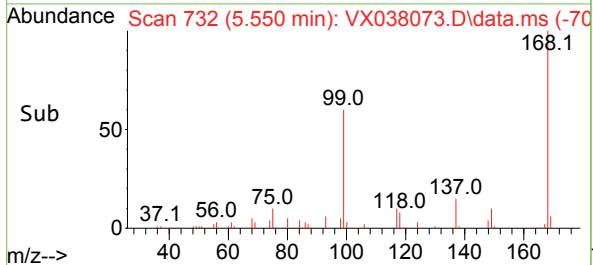
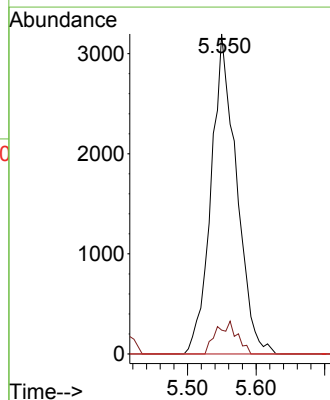
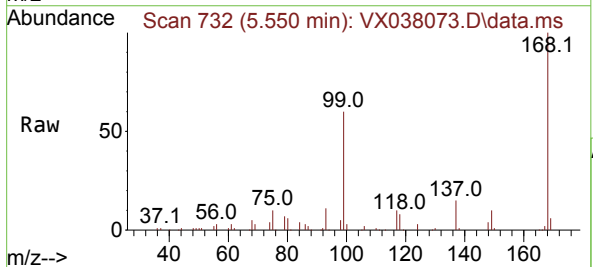
Instrument :
MSVOA_X
ClientSampleId :

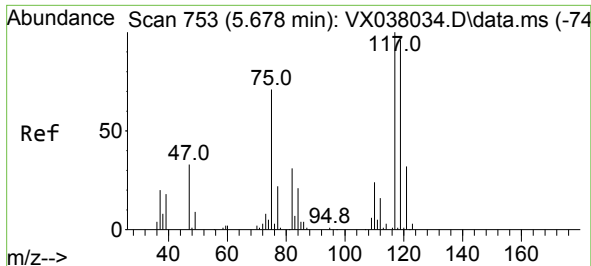
Tgt Ion:113 Resp: 55198
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 18.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.677 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX038073.D
Acq: 04 Oct 2023 18:18

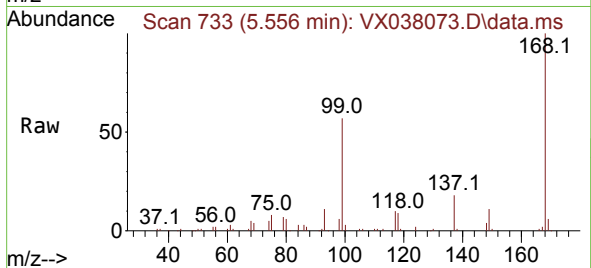
Tgt Ion: 75 Resp: 8223
Ion Ratio Lower Upper
75 100
110 4.5 17.0 50.9#
77 0.0 24.7 37.1#



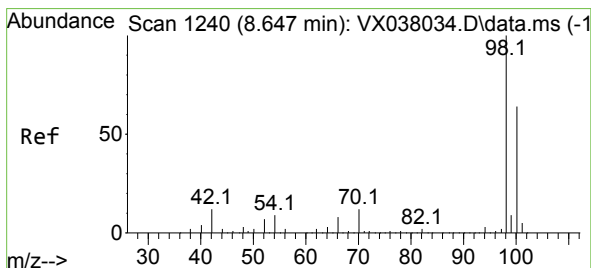
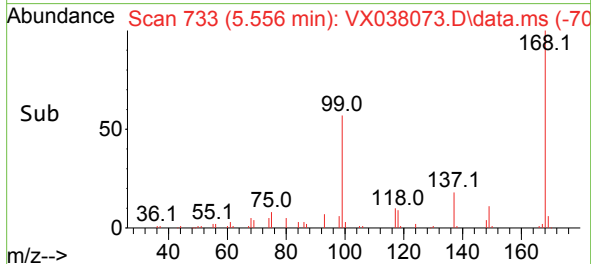
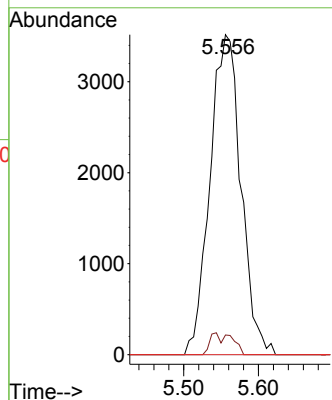


#38
Carbon Tetrachloride
Concen: 5.926 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.122 min
Lab File: VX038073.D
Acq: 04 Oct 2023 18:18

Instrument :
MSVOA_X
ClientSampleId :

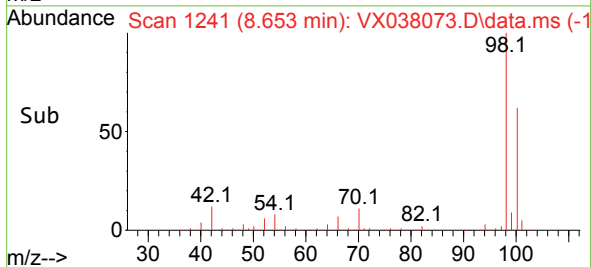
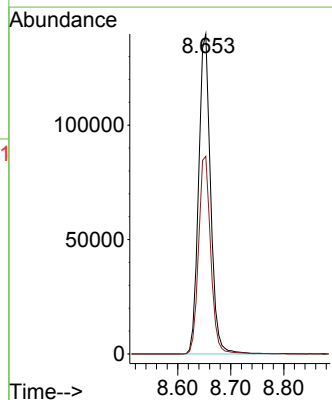
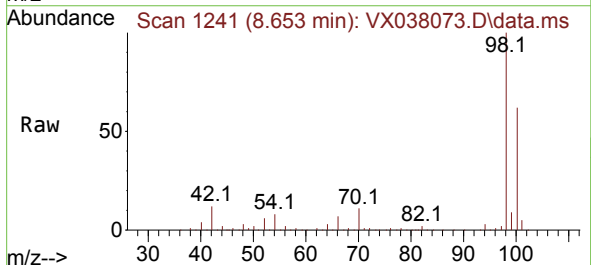


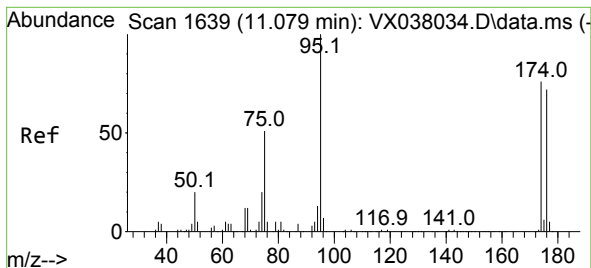
Tgt Ion:117 Resp: 10140
Ion Ratio Lower Upper
117 100
119 6.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.107 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX038073.D
Acq: 04 Oct 2023 18:18

Tgt Ion: 98 Resp: 219668
Ion Ratio Lower Upper
98 100
100 62.5 53.1 79.7

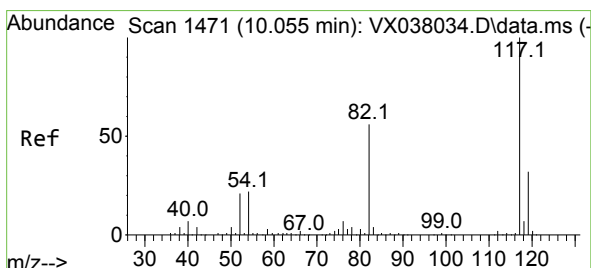
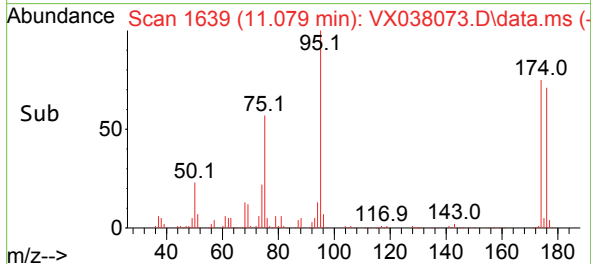
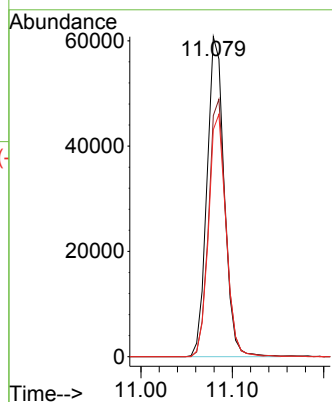
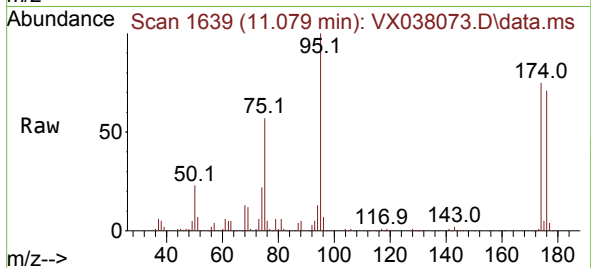




#62
4-Bromofluorobenzene
Concen: 47.734 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX038073.D
Acq: 04 Oct 2023 18:18

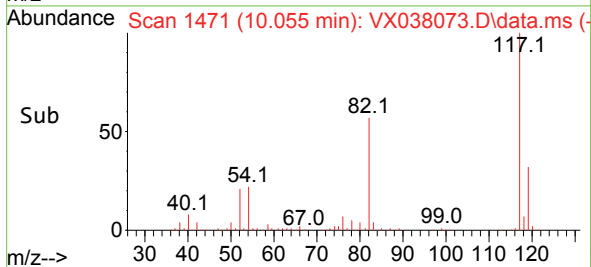
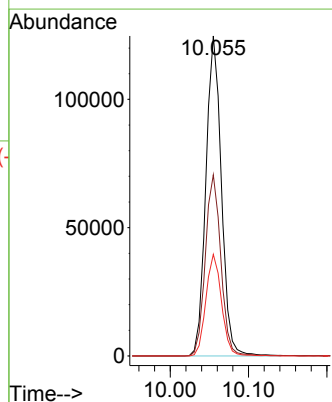
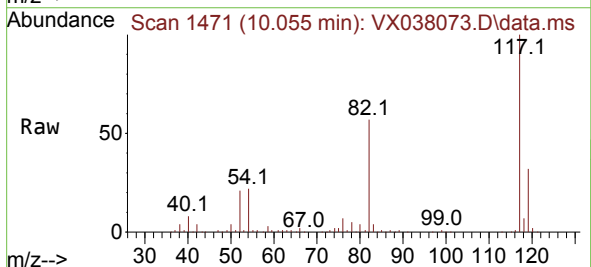
Instrument :
MSVOA_X
ClientSampleId :

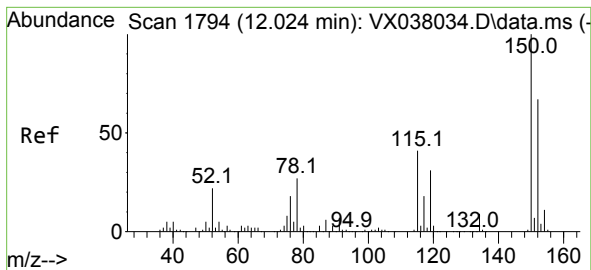
Tgt Ion: 95 Resp: 79326
Ion Ratio Lower Upper
95 100
174 80.9 0.0 135.6
176 76.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038073.D
Acq: 04 Oct 2023 18:18

Tgt Ion: 117 Resp: 171036
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 31.7 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: VX038073.D

Acq: 04 Oct 2023 18:18

Instrument :

MSVOA_X

ClientSampleId :

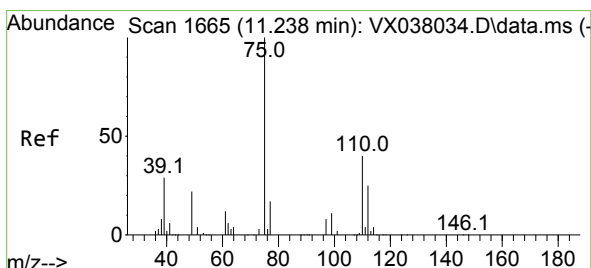
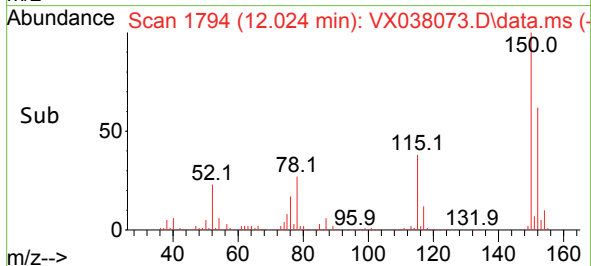
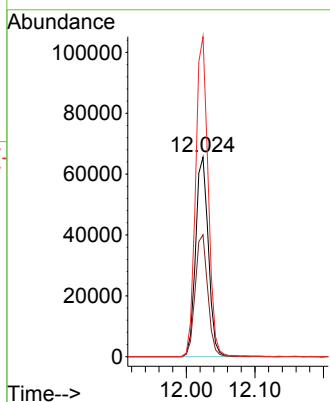
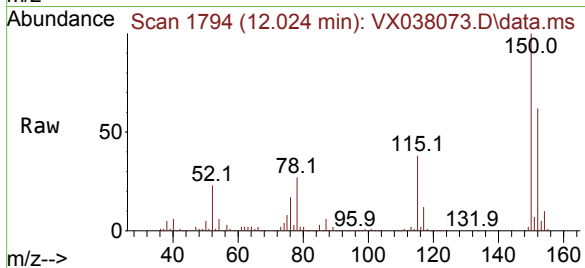
Tgt Ion:152 Resp: 85218

Ion Ratio Lower Upper

152 100

115 60.3 43.3 129.9

150 157.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.554 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038073.D

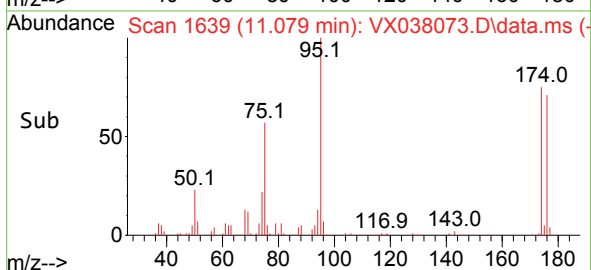
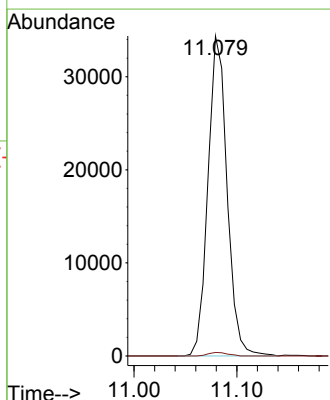
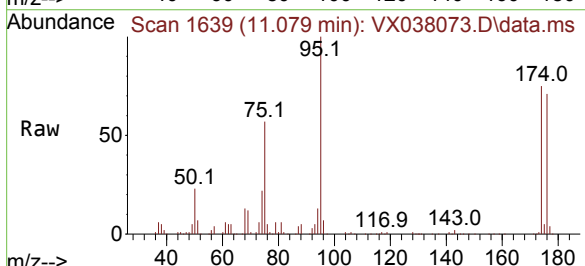
Acq: 04 Oct 2023 18:18

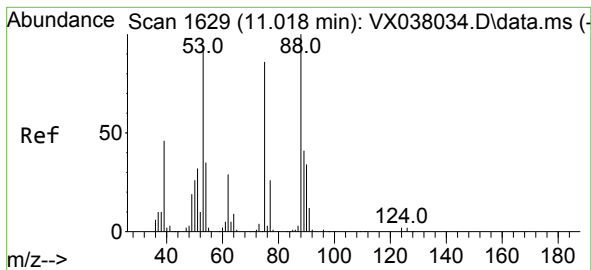
Tgt Ion: 75 Resp: 44524

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.171 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038073.D
 Acq: 04 Oct 2023 18:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 44524
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

