

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038262.D
 Acq On : 12 Oct 2023 17:22
 Operator : JC/MD
 Sample : 04875-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 13 04:53:03 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)

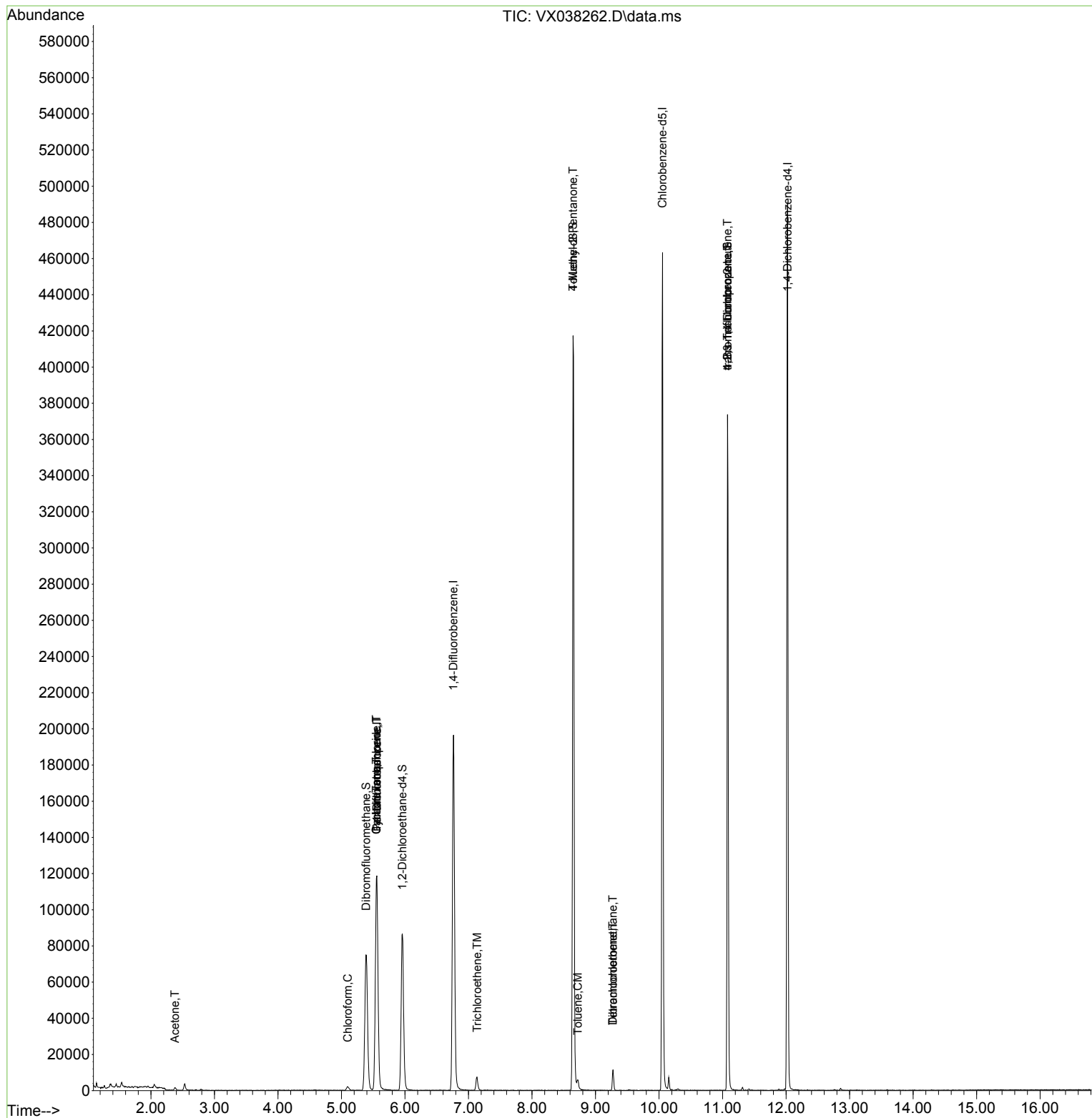
Internal Standards						
1) Pentafluorobenzene	5.556	168	112885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	200100	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83911	46.215	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.420%
35) Dibromofluoromethane	5.385	113	65469	45.406	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.820%
50) Toluene-d8	8.647	98	256444	46.544	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.080%
62) 4-Bromofluorobenzene	11.079	95	95283	45.617	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.240%
Target Compounds						
					Qvalue	
5) Bromomethane	1.538	94	28	Below Cal	#	3
6) Chloroethane	1.703	64	102	Below Cal	#	43
16) Acetone	2.380	43	1582	2.088	ug/l	90
30) Chloroform	5.099	83	2318	0.902	ug/l	91
31) Cyclohexane	5.550	56	2643	1.344	ug/l #	26
36) 1,1-Dichloropropene	5.556	75	9273	4.664	ug/l #	45
38) Carbon Tetrachloride	5.550	117	11729	5.997	ug/l #	16
44) Trichloroethene	7.135	130	2642	1.816	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	1141	0.469	ug/l #	1
52) Toluene	8.720	92	1847	0.510	ug/l	95
60) Dibromochloromethane	9.275	129	1740	1.147	ug/l #	11
64) Tetrachloroethene	9.275	164	1681	1.267	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	51603	22.023	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	51603	63.151	ug/l #	5

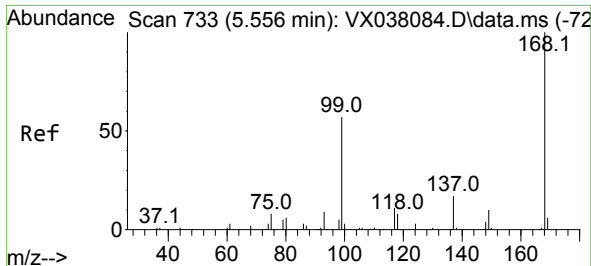
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
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Operator : JC/MD
Sample : 04875-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

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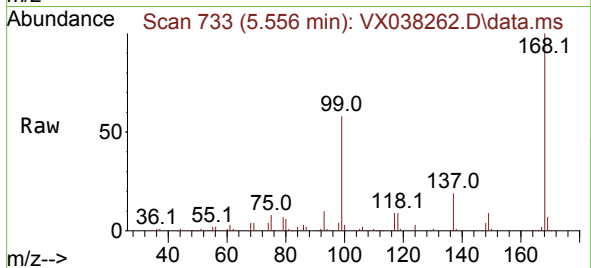
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



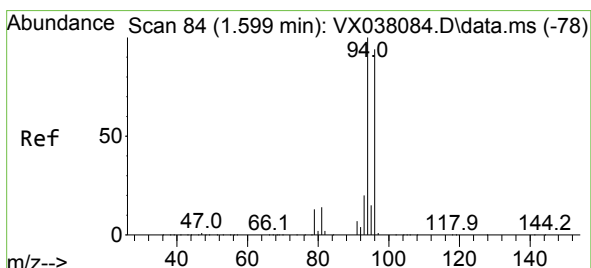
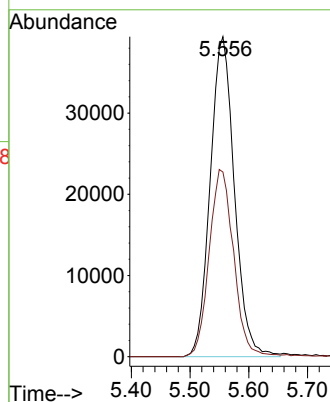
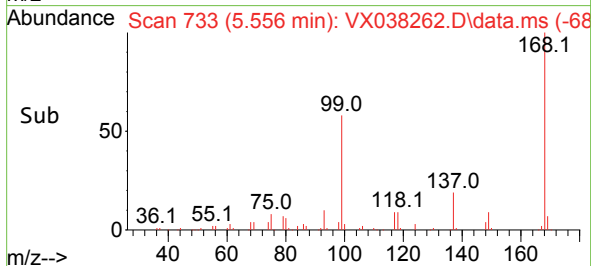


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038262.D
Acq: 12 Oct 2023 17:22

Instrument :
MSVOA_X
ClientSampleId :

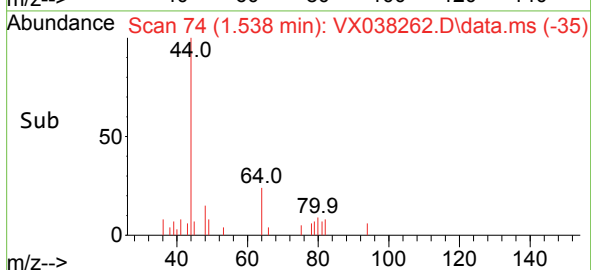
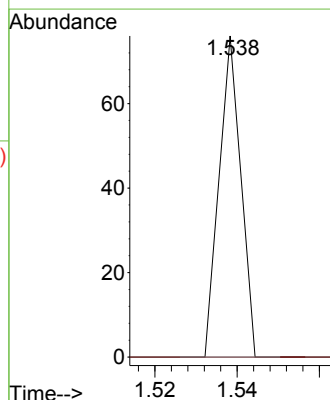
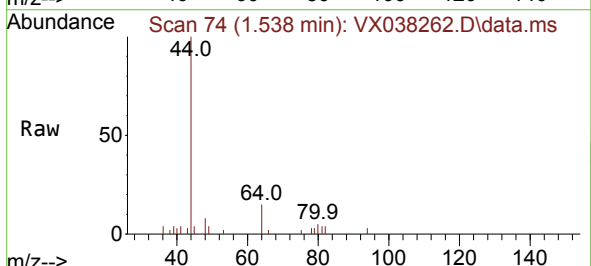


Tgt Ion:168 Resp: 112885
Ion Ratio Lower Upper
168 100
99 57.7 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.538 min Scan# 74
Delta R.T. -0.061 min
Lab File: VX038262.D
Acq: 12 Oct 2023 17:22

Tgt Ion: 94 Resp: 28
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

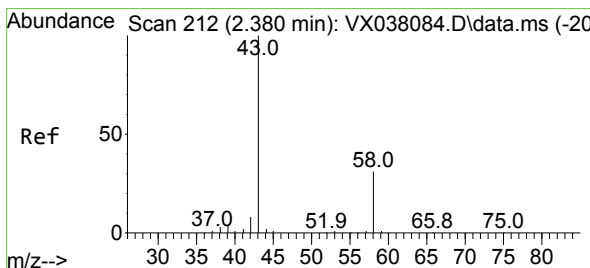
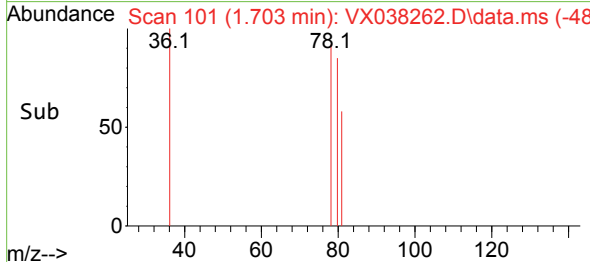
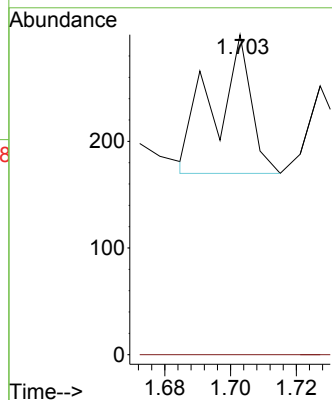
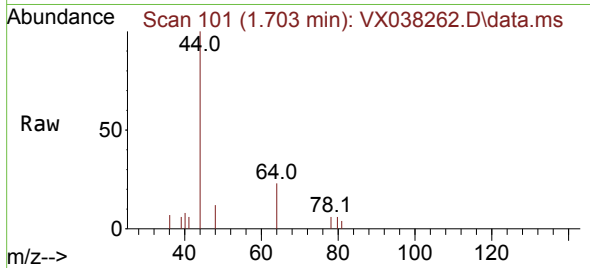




#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.024 min
Lab File: VX038262.D
Acq: 12 Oct 2023 17:22

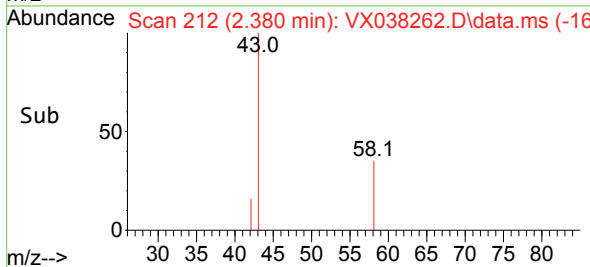
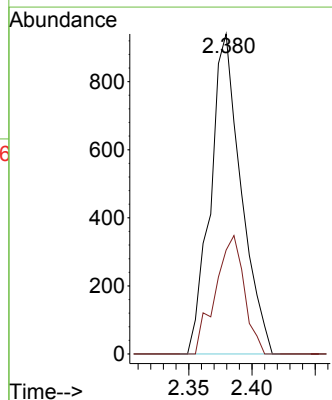
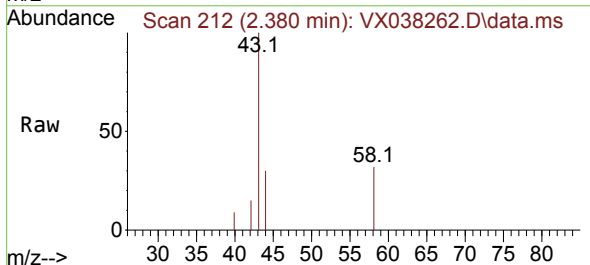
Instrument :
MSVOA_X
ClientSampleId :

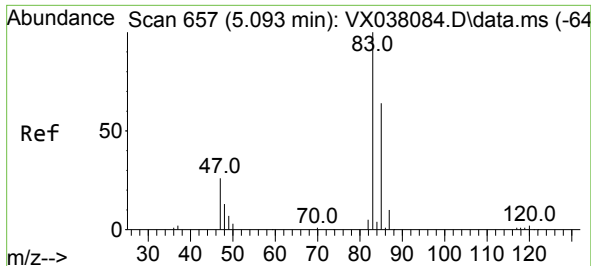
Tgt Ion: 64 Resp: 102
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 2.088 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038262.D
Acq: 12 Oct 2023 17:22

Tgt Ion: 43 Resp: 1582
Ion Ratio Lower Upper
43 100
58 32.4 21.9 32.9

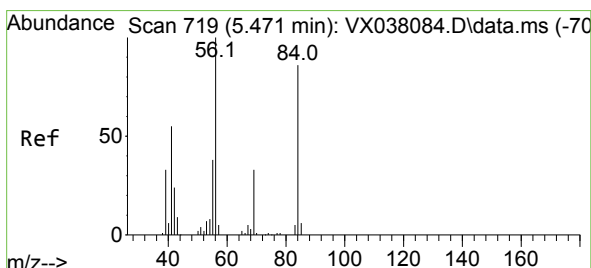
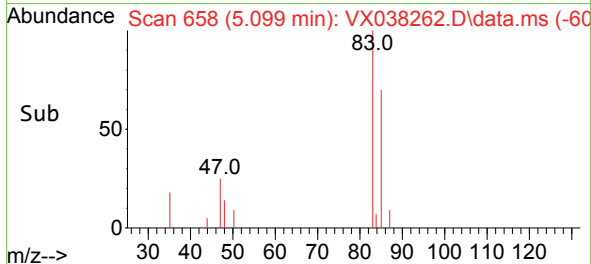
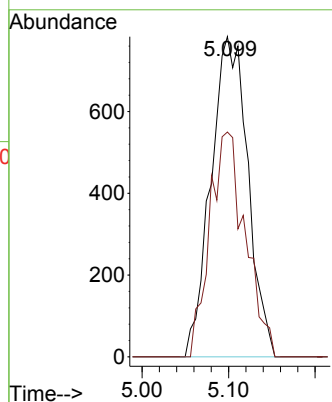
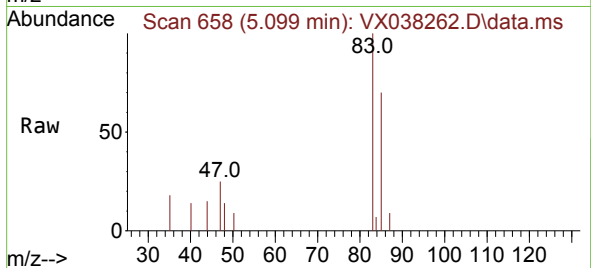




#30
Chloroform
Concen: 0.902 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX038262.D
Acq: 12 Oct 2023 17:22

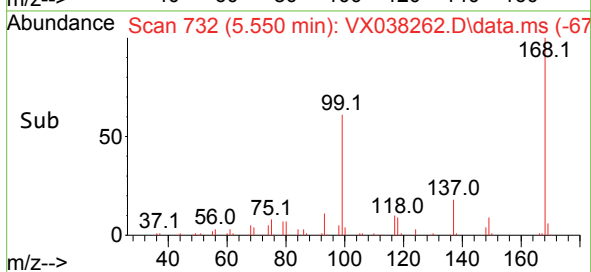
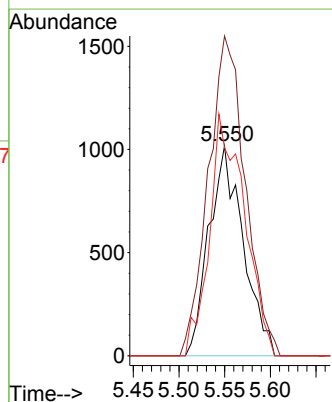
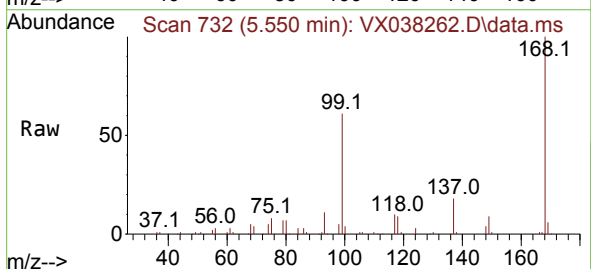
Instrument :
MSVOA_X
ClientSampleId :

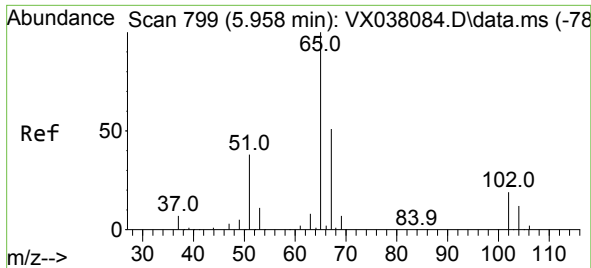
Tgt Ion: 83 Resp: 2318
Ion Ratio Lower Upper
83 100
85 70.2 50.3 75.5



#31
Cyclohexane
Concen: 1.344 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038262.D
Acq: 12 Oct 2023 17:22

Tgt Ion: 56 Resp: 2643
Ion Ratio Lower Upper
56 100
69 152.3 23.4 35.2#
84 99.0 65.9 98.9#

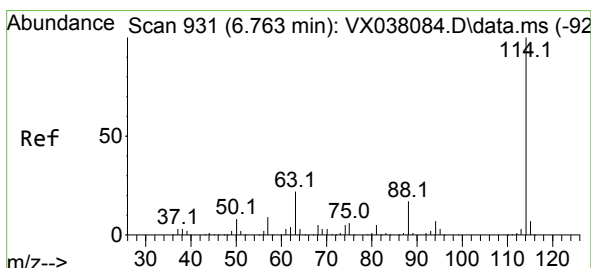
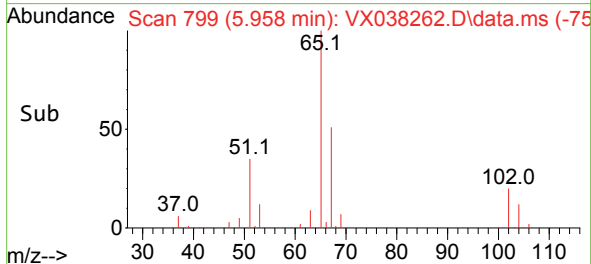
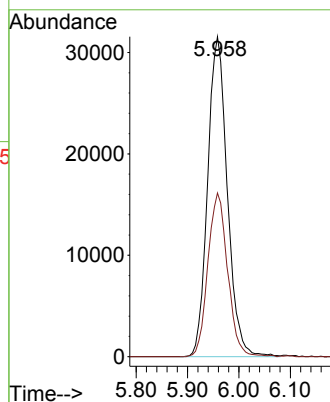
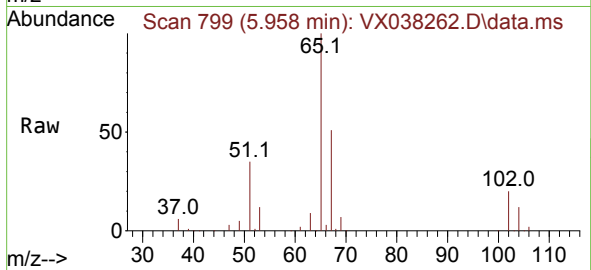




#33
1,2-Dichloroethane-d4
Concen: 46.215 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038262.D
Acq: 12 Oct 2023 17:22

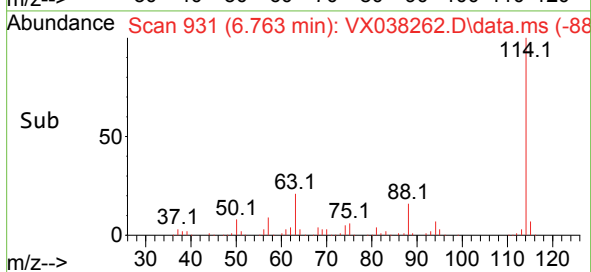
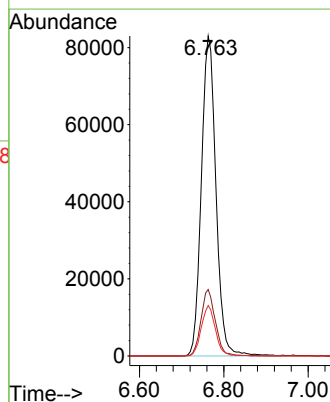
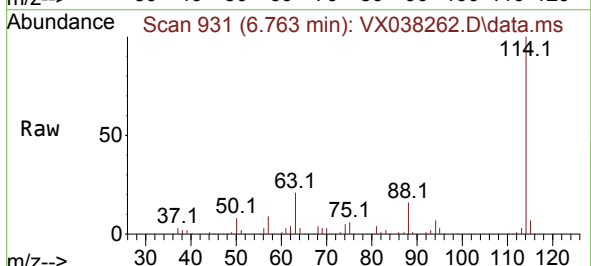
Instrument :
MSVOA_X
ClientSampleId :

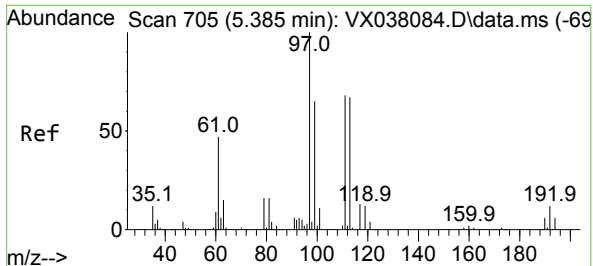
Tgt Ion: 65 Resp: 83911
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX038262.D
Acq: 12 Oct 2023 17:22

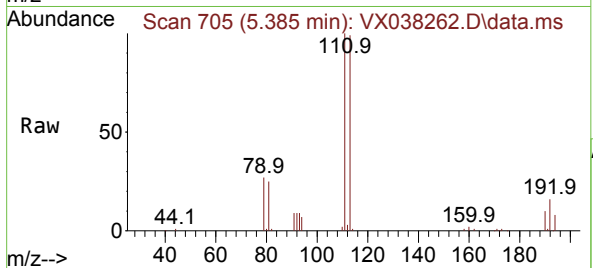
Tgt Ion: 114 Resp: 200100
Ion Ratio Lower Upper
114 100
63 20.7 0.0 45.0
88 15.8 0.0 36.6



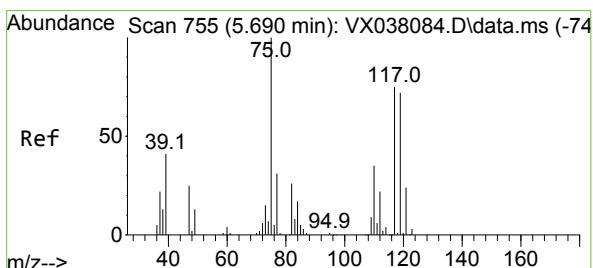
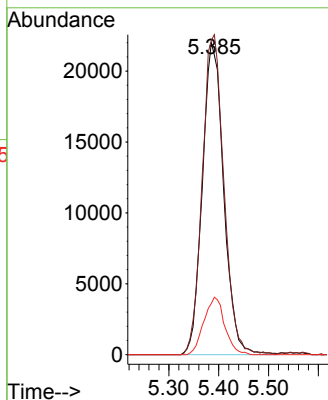
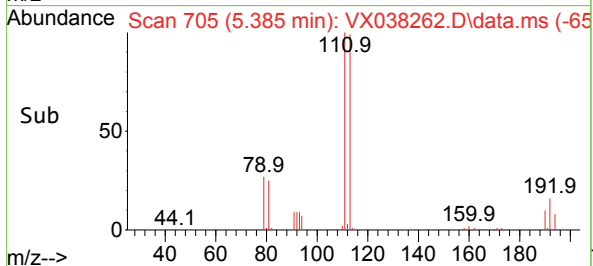


#35
Dibromofluoromethane
Concen: 45.406 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038262.D
Acq: 12 Oct 2023 17:22

Instrument :
MSVOA_X
ClientSampleId :

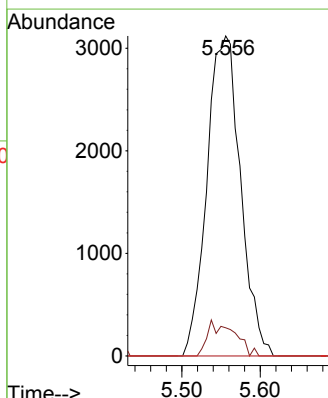
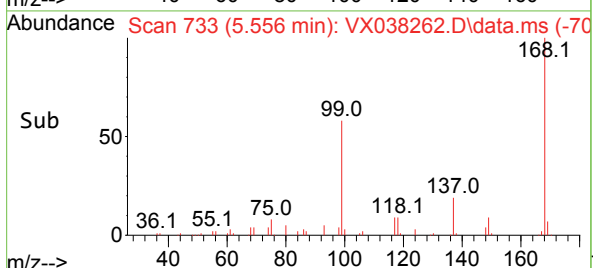
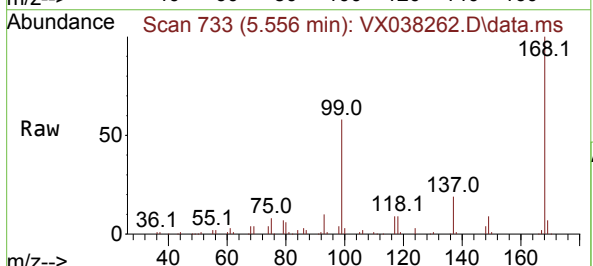


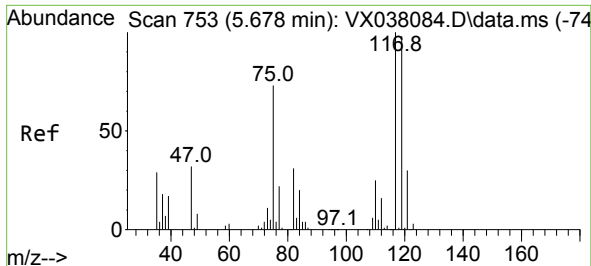
Tgt Ion:113 Resp: 65469
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 18.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.664 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038262.D
Acq: 12 Oct 2023 17:22

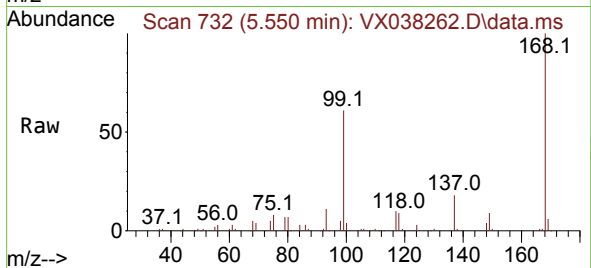
Tgt Ion: 75 Resp: 9273
Ion Ratio Lower Upper
75 100
110 3.2 17.0 50.9#
77 0.0 24.7 37.1#



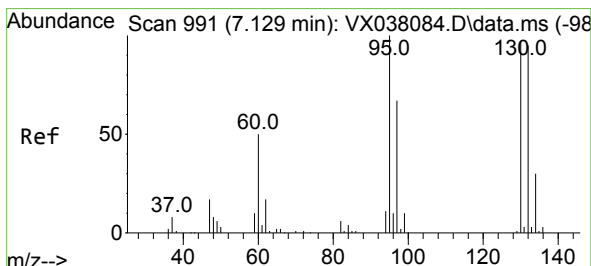
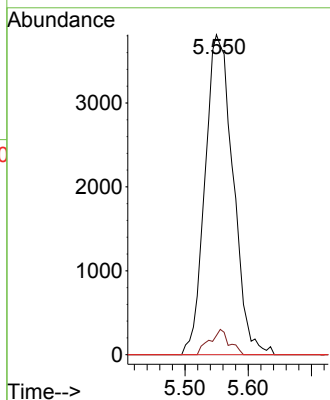
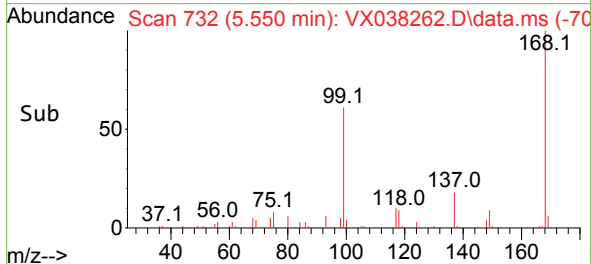


#38
Carbon Tetrachloride
Concen: 5.997 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038262.D
Acq: 12 Oct 2023 17:22

Instrument :
MSVOA_X
ClientSampleId :

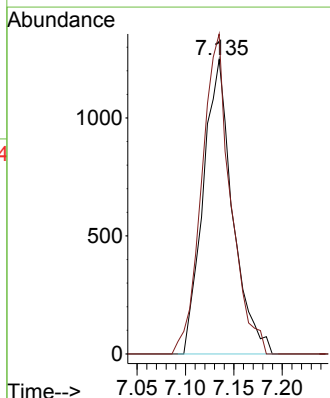
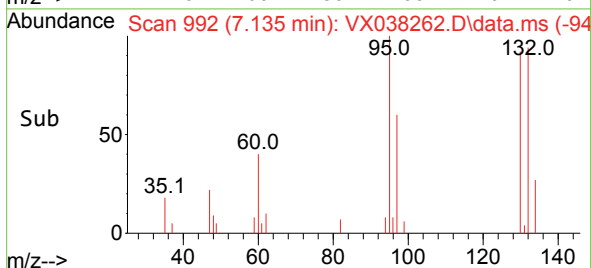
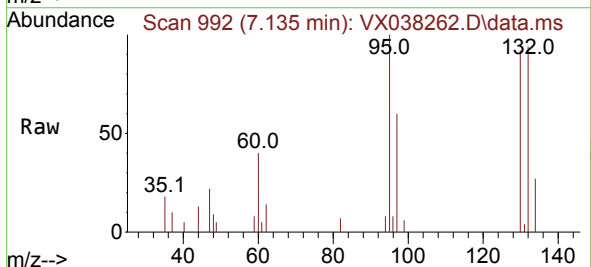


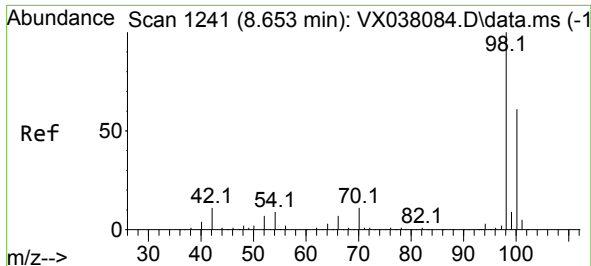
Tgt Ion:117 Resp: 11729
Ion Ratio Lower Upper
117 100
119 6.0 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 1.816 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX038262.D
Acq: 12 Oct 2023 17:22

Tgt Ion:130 Resp: 2642
Ion Ratio Lower Upper
130 100
95 108.7 0.0 204.4

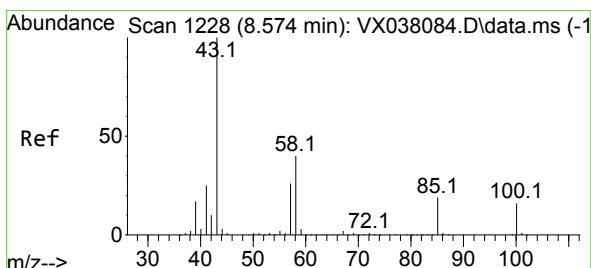
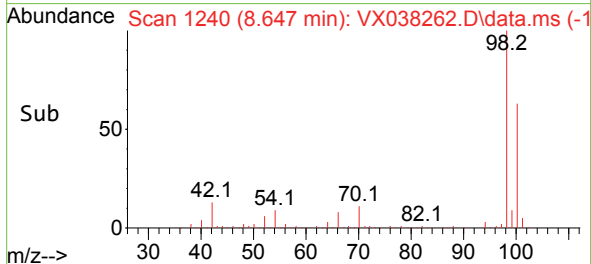
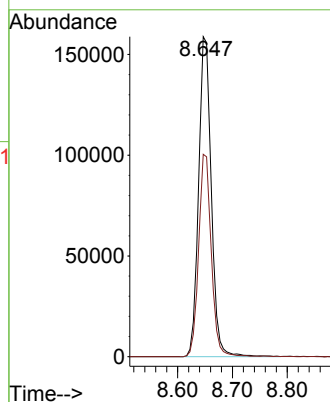
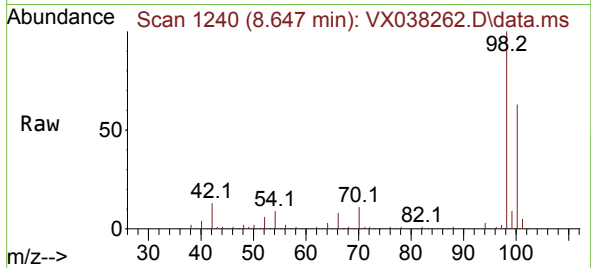




#50
Toluene-d8
Concen: 46.544 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038262.D
Acq: 12 Oct 2023 17:22

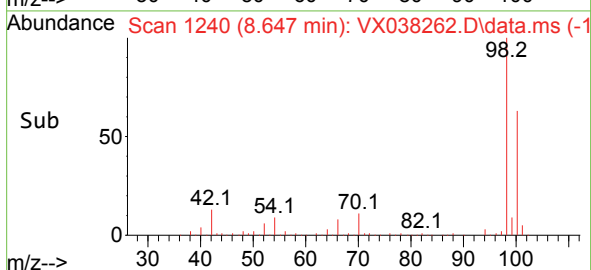
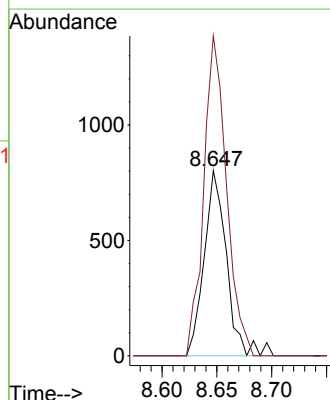
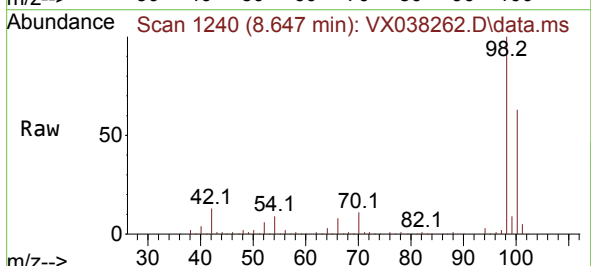
Instrument :
MSVOA_X
ClientSampleId :

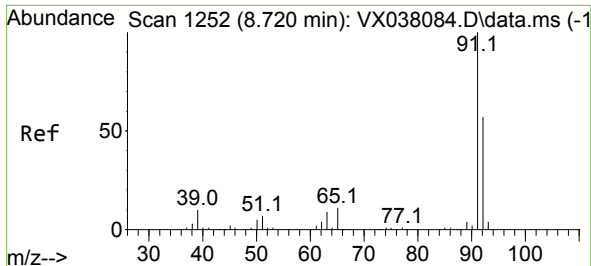
Tgt Ion: 98 Resp: 256444
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.469 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038262.D
Acq: 12 Oct 2023 17:22

Tgt Ion: 43 Resp: 1141
Ion Ratio Lower Upper
43 100
58 175.3 30.4 45.6#

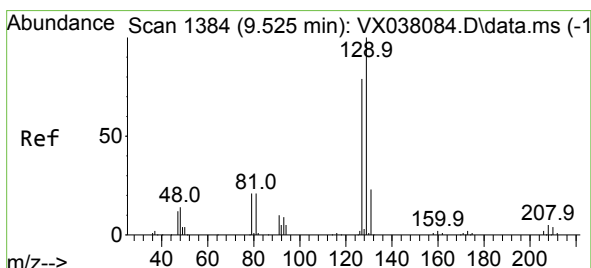
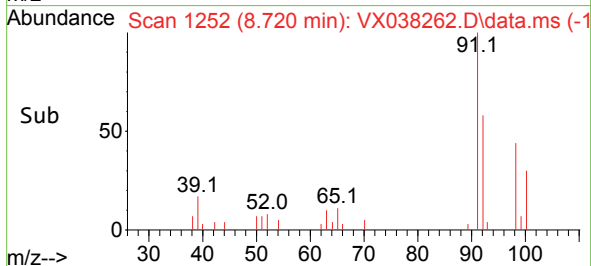
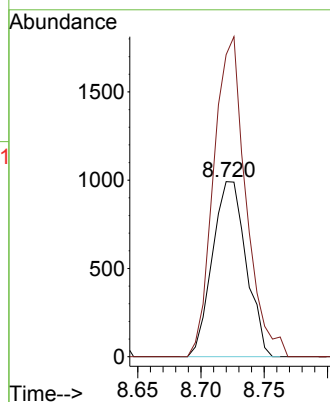
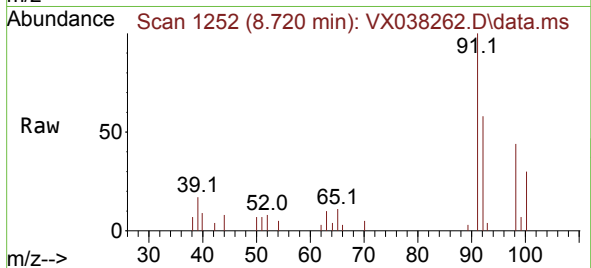




#52
Toluene
Concen: 0.510 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038262.D
Acq: 12 Oct 2023 17:22

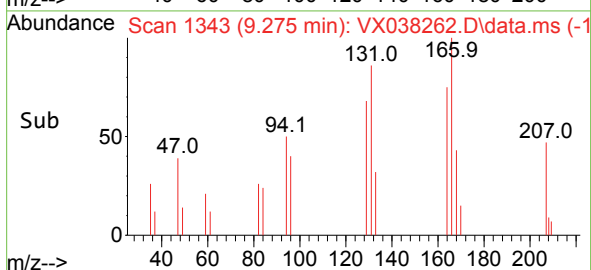
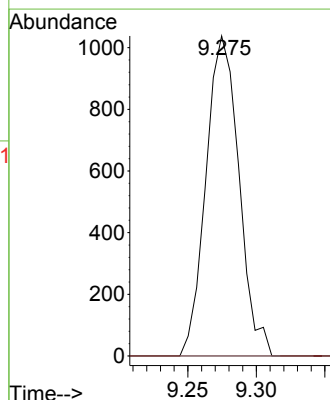
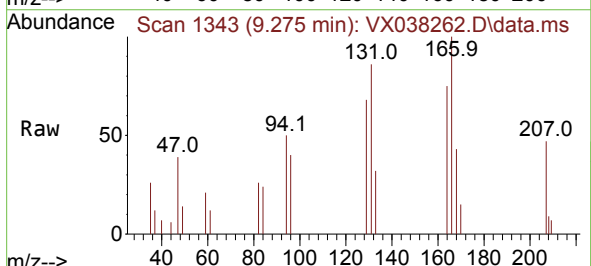
Instrument :
MSVOA_X
ClientSampleId :

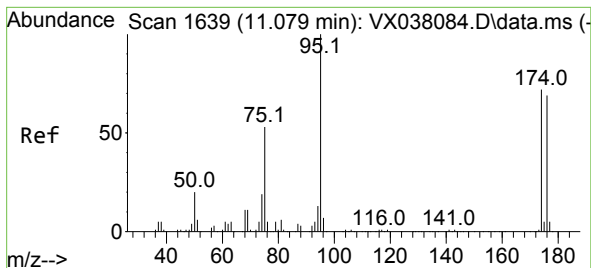
Tgt Ion: 92 Resp: 1847
Ion Ratio Lower Upper
92 100
91 173.9 134.2 201.2



#60
Dibromochloromethane
Concen: 1.147 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX038262.D
Acq: 12 Oct 2023 17:22

Tgt Ion:129 Resp: 1740
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

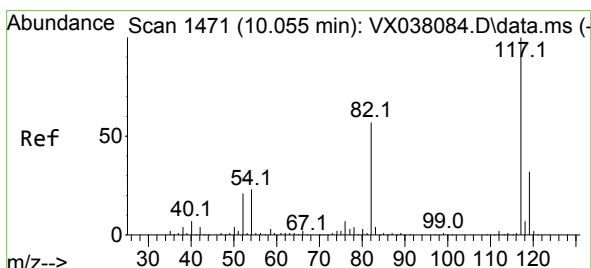
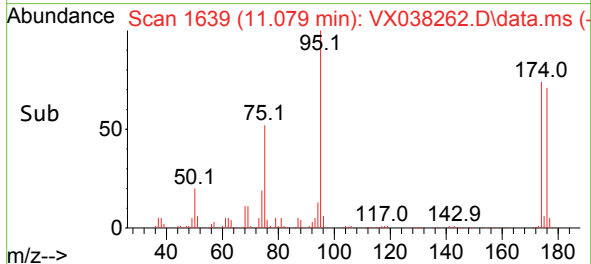
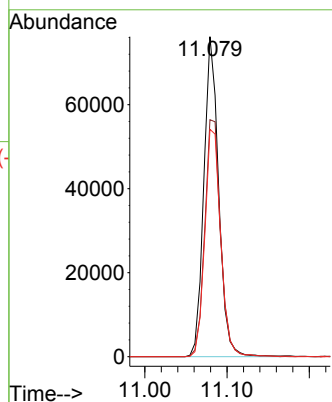
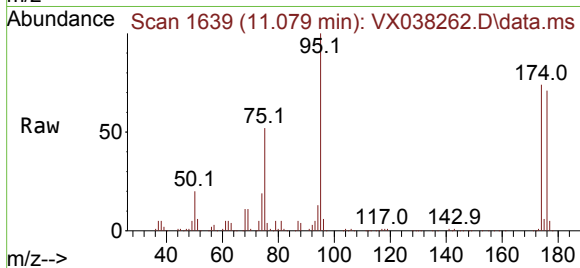




#62
4-Bromofluorobenzene
Concen: 45.617 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038262.D
Acq: 12 Oct 2023 17:22

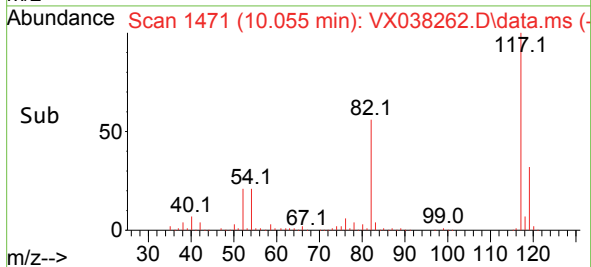
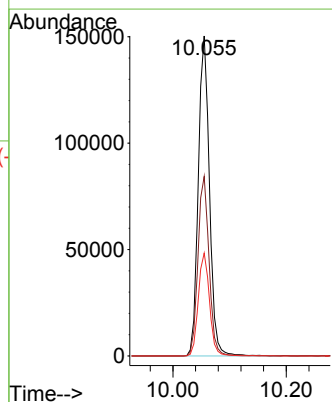
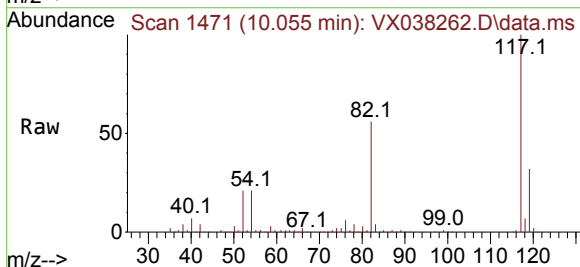
Instrument :
MSVOA_X
ClientSampleId :

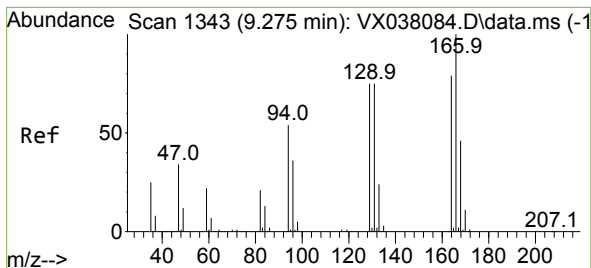
Tgt Ion: 95 Resp: 95283
Ion Ratio Lower Upper
95 100
174 79.2 0.0 135.6
176 76.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038262.D
Acq: 12 Oct 2023 17:22

Tgt Ion: 117 Resp: 204932
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 32.1 25.5 38.3





#64

Tetrachloroethene

Concen: 1.267 ug/l

RT: 9.275 min Scan# 11

Delta R.T. -0.000 min

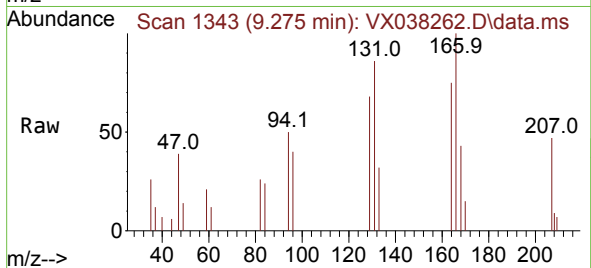
Lab File: VX038262.D

Acq: 12 Oct 2023 17:22

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:164 Resp: 1681

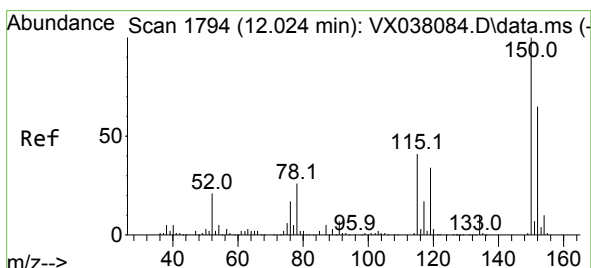
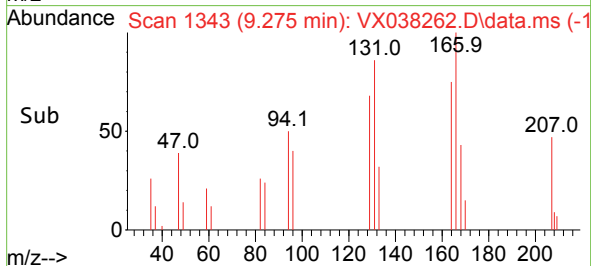
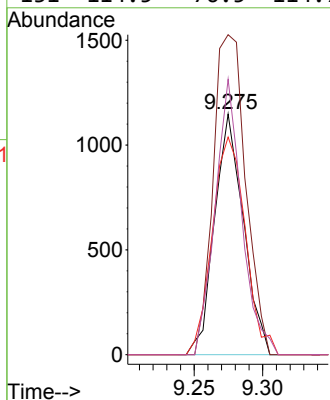
Ion Ratio Lower Upper

164 100

166 133.0 102.7 154.1

129 90.4 80.4 120.6

131 114.5 76.5 114.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038262.D

Acq: 12 Oct 2023 17:22

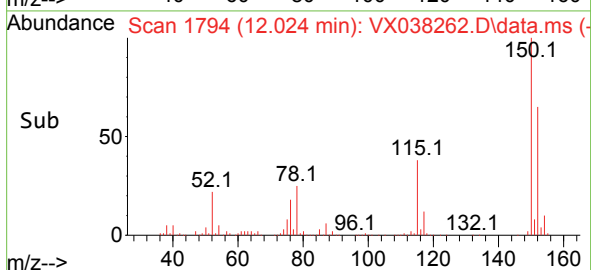
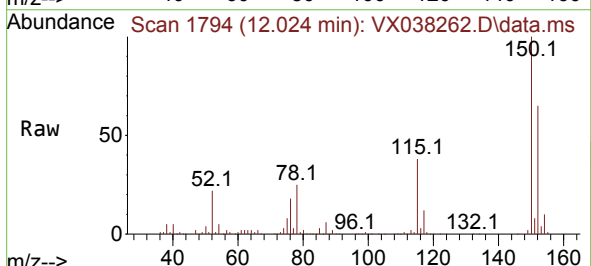
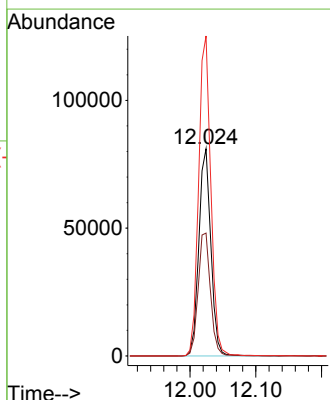
Tgt Ion:152 Resp: 103070

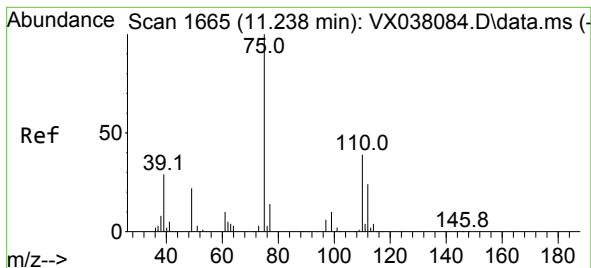
Ion Ratio Lower Upper

152 100

115 60.9 43.3 129.9

150 156.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.023 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038262.D

Acq: 12 Oct 2023 17:22

Instrument :

MSVOA_X

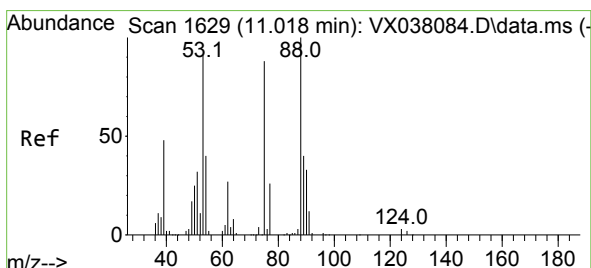
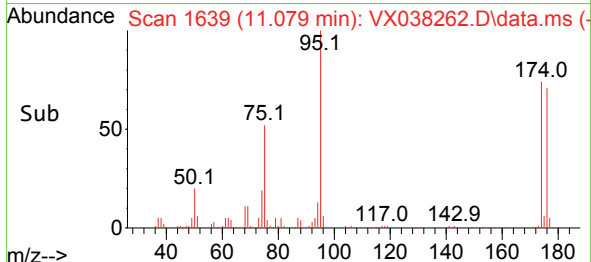
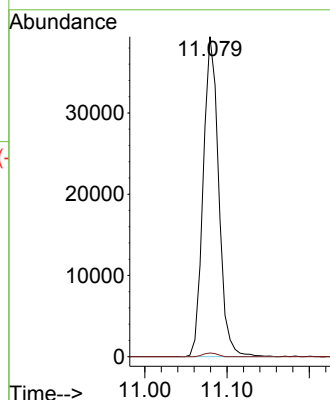
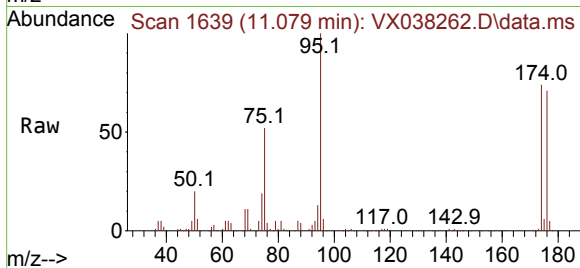
ClientSampleId :

Tgt Ion: 75 Resp: 51603

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.151 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038262.D

Acq: 12 Oct 2023 17:22

Tgt Ion: 75 Resp: 51603

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

