

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
 Data File : VX038341.D
 Acq On : 17 Oct 2023 19:46
 Operator : JC/MD
 Sample : 04917-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 18 04:05:16 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	116731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	209083	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115270	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83873	44.672	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.340%
35) Dibromofluoromethane	5.391	113	65729	43.628	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.260%
50) Toluene-d8	8.647	98	264588	45.959	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.920%#
62) 4-Bromofluorobenzene	11.079	95	103493	47.419	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.840%

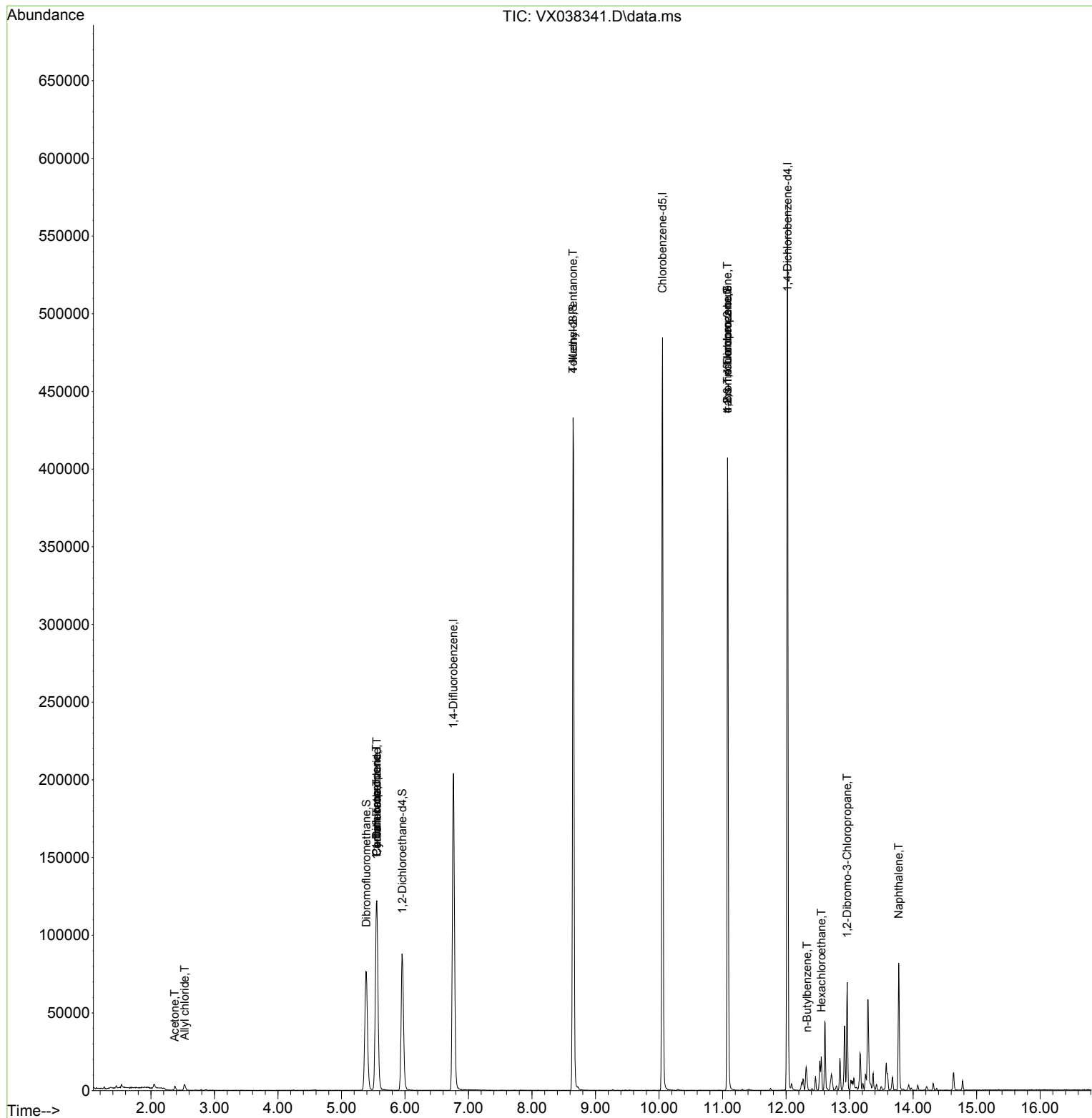
Target Compounds			Qvalue			
5) Bromomethane	1.599	94	20	Below Cal	#	3
6) Chloroethane	1.678	64	91	Below Cal	#	43
14) Allyl chloride	2.532	41	513	0.269	ug/l #	60
16) Acetone	2.373	43	2819	3.598	ug/l #	88
31) Cyclohexane	5.556	56	2767	1.360	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9416	4.532	ug/l #	47
38) Carbon Tetrachloride	5.556	117	12117	5.929	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1214	0.478	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	55947	21.350	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	55947	61.344	ug/l #	5
89) n-Butylbenzene	12.329	91	3183	0.459	ug/l #	46
90) Hexachloroethane	12.554	117	1713	1.483	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	12.963	75	209	0.305	ug/l #	9
95) Naphthalene	13.774	128	50451	5.928	ug/l	98

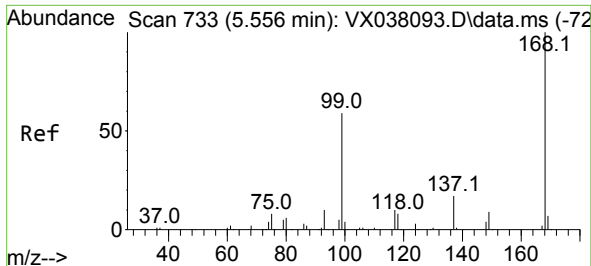
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
Data File : VX038341.D
Acq On : 17 Oct 2023 19:46
Operator : JC/MD
Sample : 04917-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

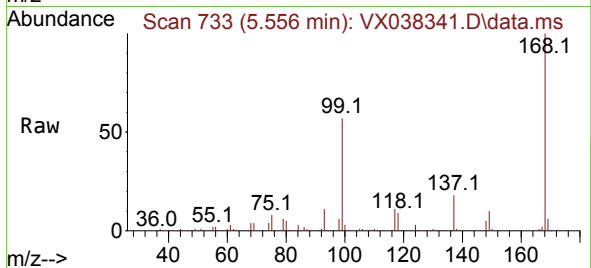
Quant Time: Oct 18 04:05:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



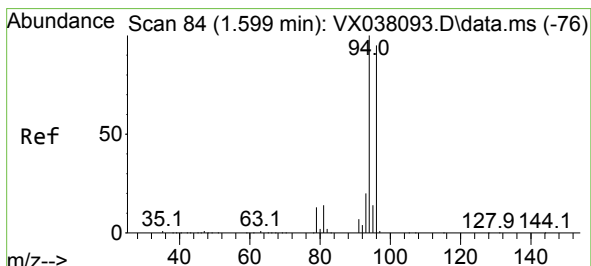
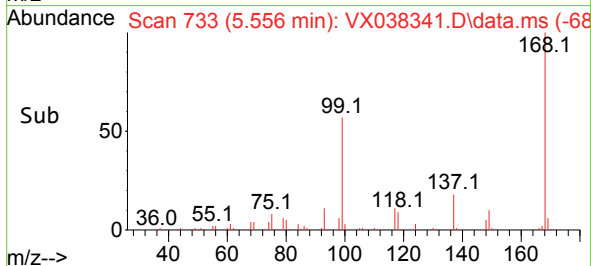
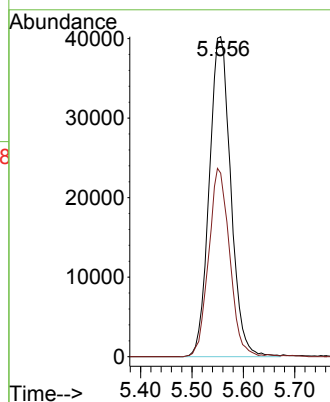


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038341.D
Acq: 17 Oct 2023 19:46

Instrument :
MSVOA_X
ClientSampleId :

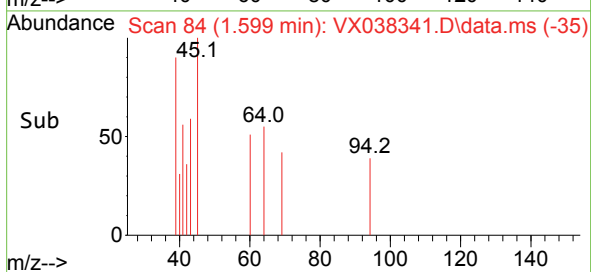
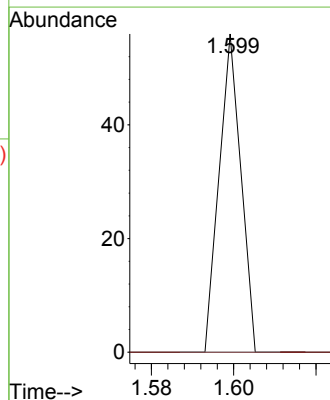
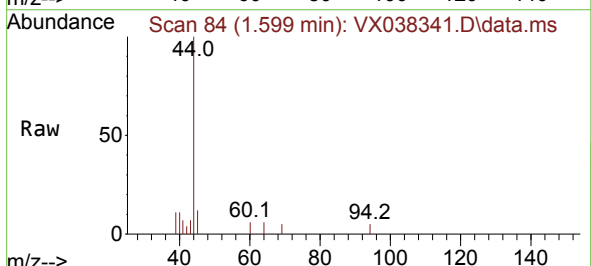


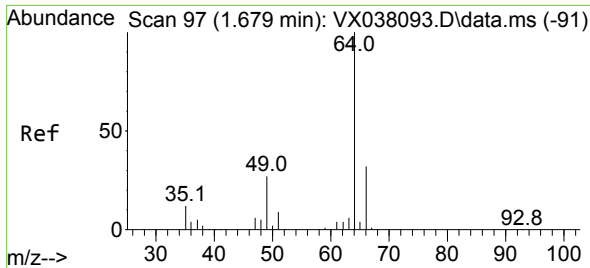
Tgt Ion:168 Resp: 116731
Ion Ratio Lower Upper
168 100
99 57.4 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038341.D
Acq: 17 Oct 2023 19:46

Tgt Ion: 94 Resp: 20
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

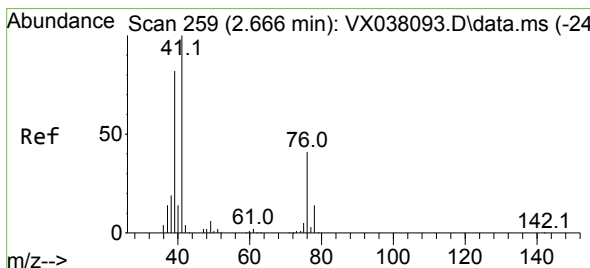
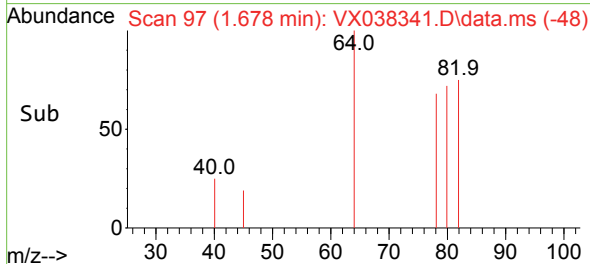
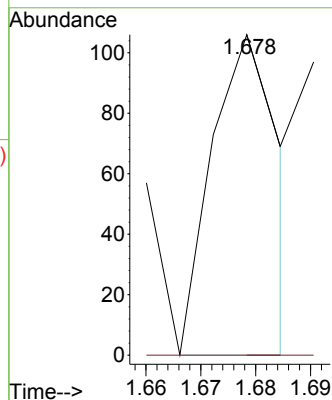
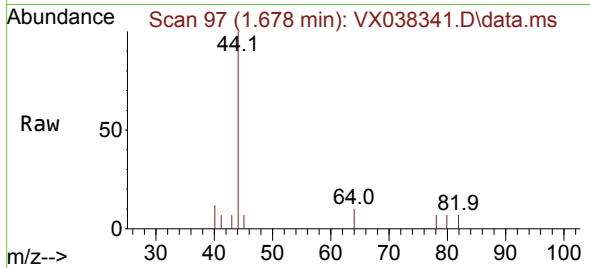




#6
 Chloroethane
 Concen: Below Cal
 RT: 1.678 min Scan# 91
 Delta R.T. -0.001 min
 Lab File: VX038341.D
 Acq: 17 Oct 2023 19:46

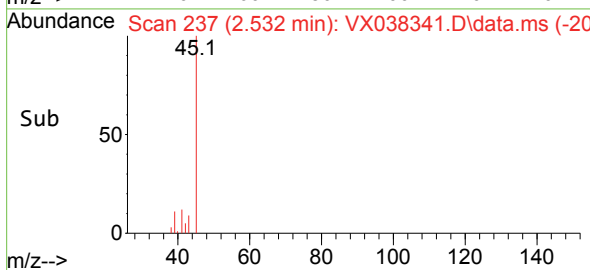
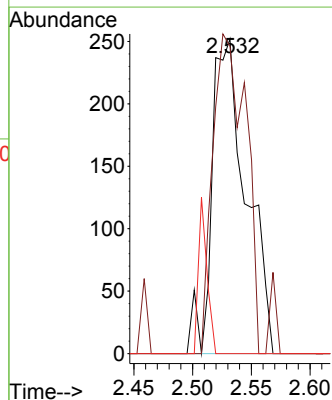
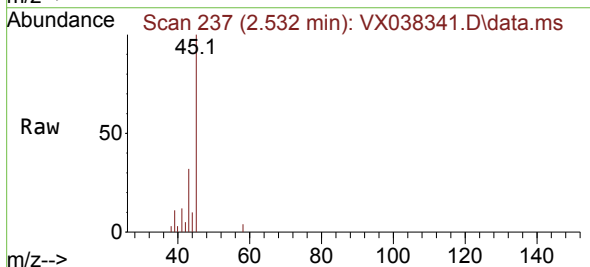
Instrument :
 MSVOA_X
 ClientSampleId :

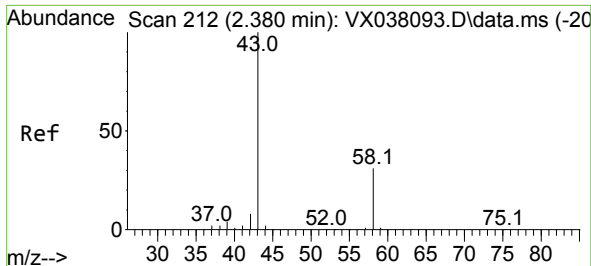
Tgt Ion: 64 Resp: 91
 Ion Ratio Lower Upper
 64 100
 66 0.0 25.1 37.7#



#14
 Allyl chloride
 Concen: 0.269 ug/l
 RT: 2.532 min Scan# 237
 Delta R.T. -0.128 min
 Lab File: VX038341.D
 Acq: 17 Oct 2023 19:46

Tgt Ion: 41 Resp: 513
 Ion Ratio Lower Upper
 41 100
 39 97.3 55.8 83.6#
 76 0.0 24.3 36.5#

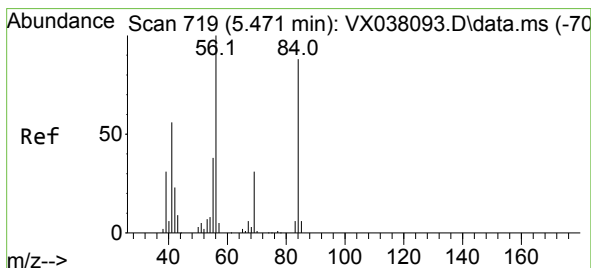
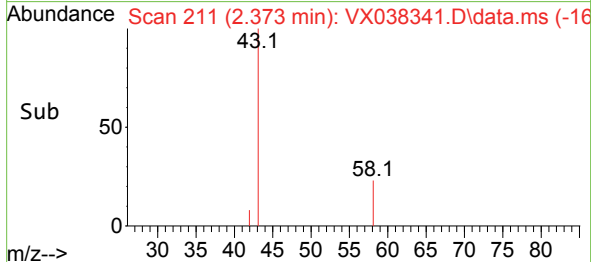
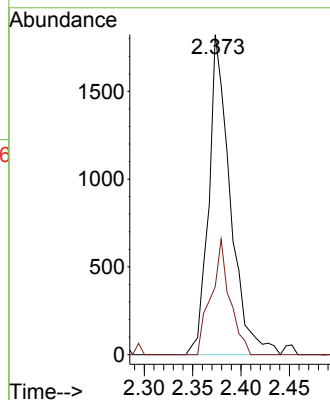
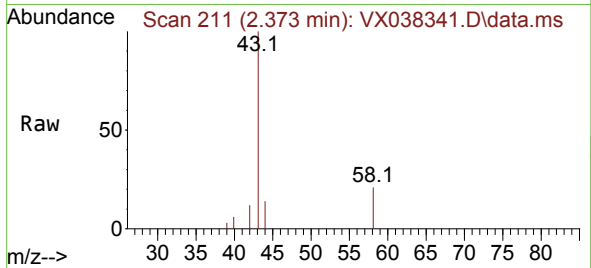




#16
Acetone
Concen: 3.598 ug/l
RT: 2.373 min Scan# 212
Delta R.T. -0.007 min
Lab File: VX038341.D
Acq: 17 Oct 2023 19:46

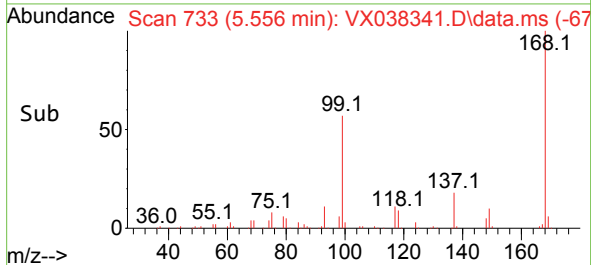
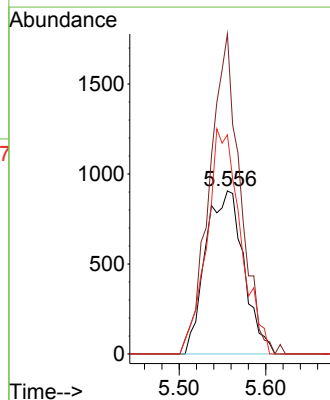
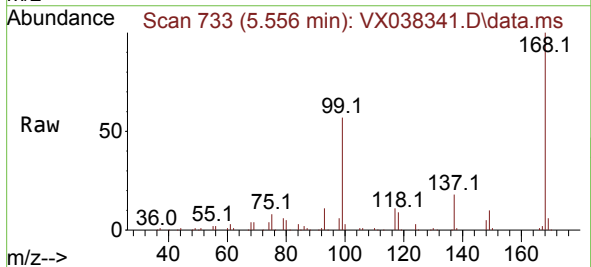
Instrument :
MSVOA_X
ClientSampleId :

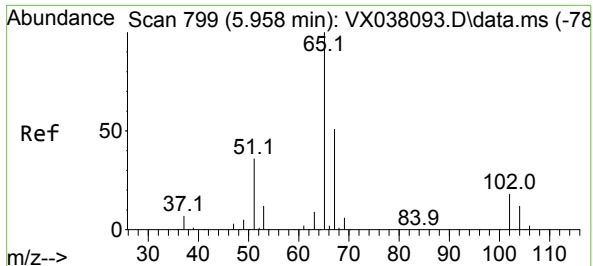
Tgt Ion: 43 Resp: 2819
Ion Ratio Lower Upper
43 100
58 21.3 21.9 32.9#



#31
Cyclohexane
Concen: 1.360 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX038341.D
Acq: 17 Oct 2023 19:46

Tgt Ion: 56 Resp: 2767
Ion Ratio Lower Upper
56 100
69 196.2 23.4 35.2#
84 134.4 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.672 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038341.D

Acq: 17 Oct 2023 19:46

Instrument :

MSVOA_X

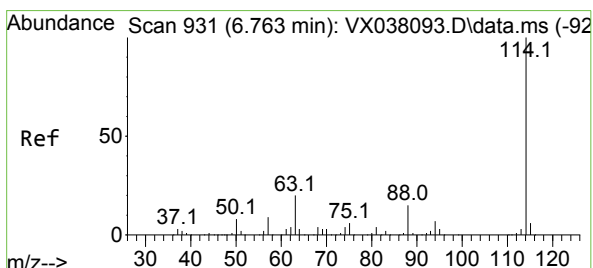
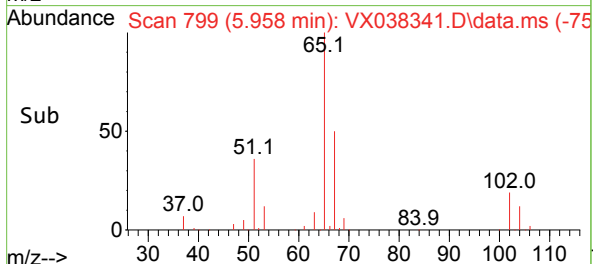
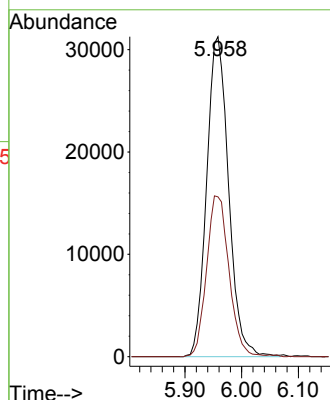
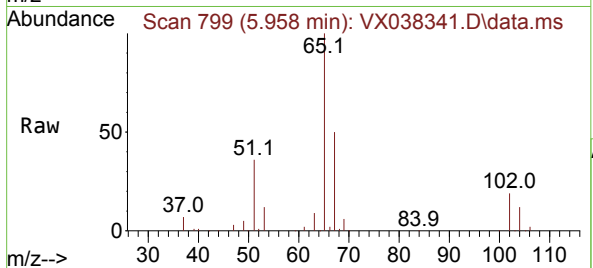
ClientSampleId :

Tgt Ion: 65 Resp: 83873

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: VX038341.D

Acq: 17 Oct 2023 19:46

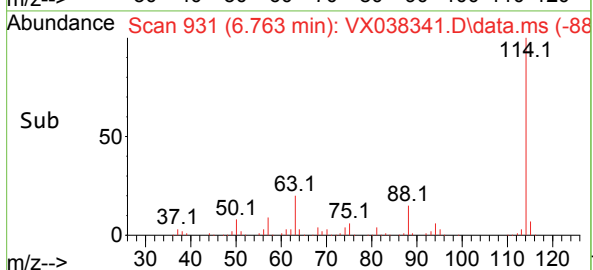
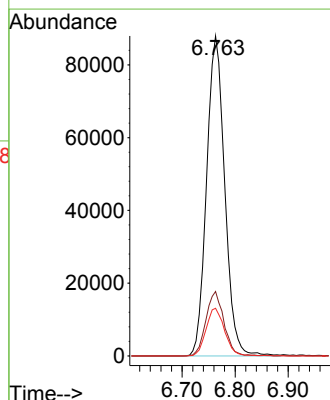
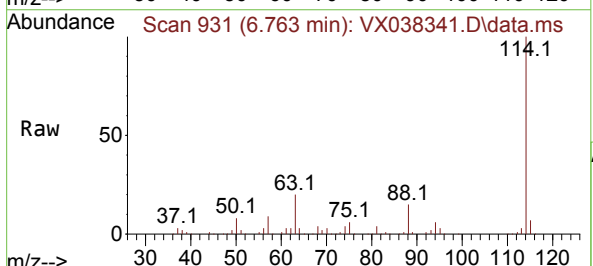
Tgt Ion:114 Resp: 209083

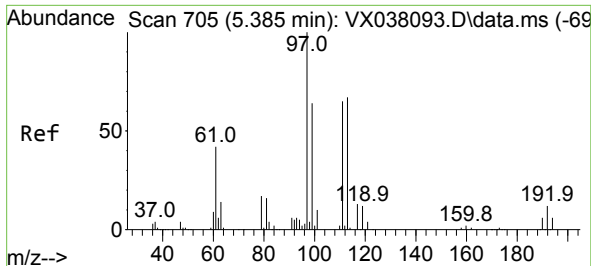
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

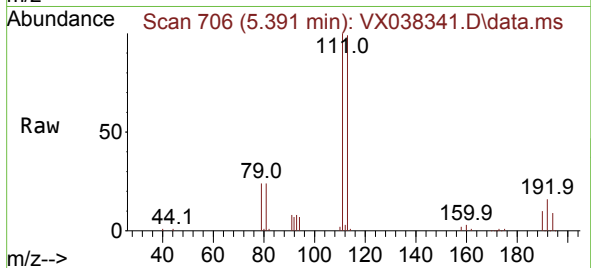
88 14.9 0.0 36.6



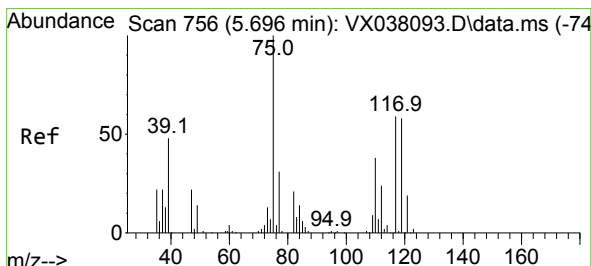
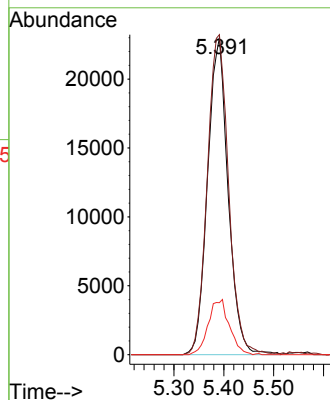
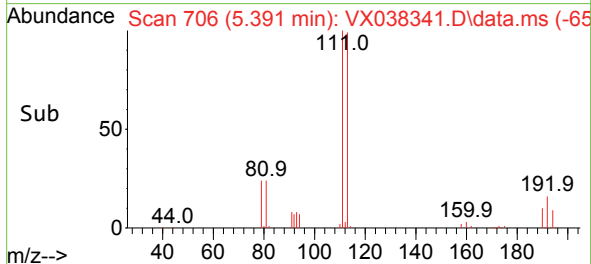


#35
Dibromofluoromethane
Concen: 43.628 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038341.D
Acq: 17 Oct 2023 19:46

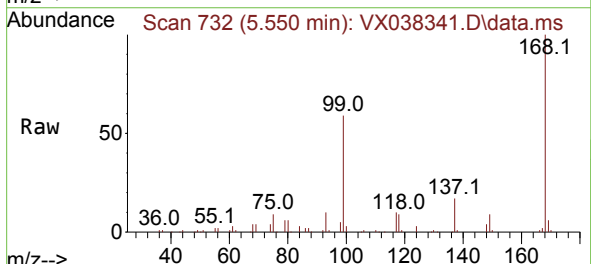
Instrument :
MSVOA_X
ClientSampleId :



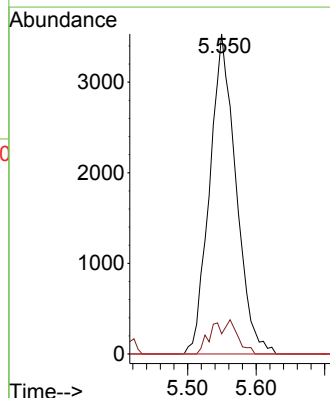
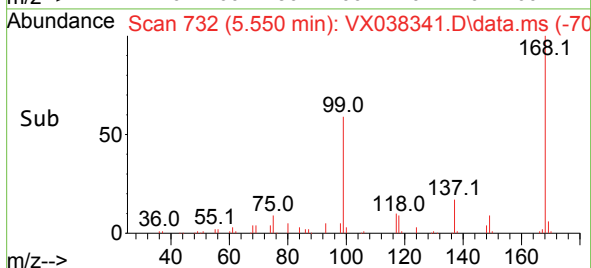
Tgt Ion:113 Resp: 65729
Ion Ratio Lower Upper
113 100
111 104.9 82.9 124.3
192 17.8 13.3 19.9

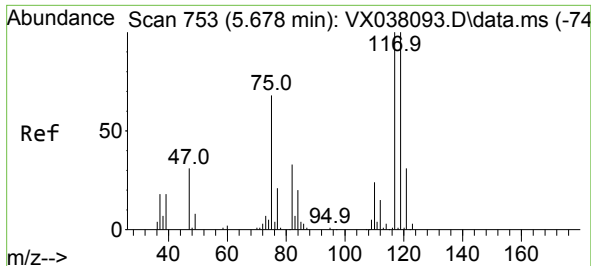


#36
1,1-Dichloropropene
Concen: 4.532 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038341.D
Acq: 17 Oct 2023 19:46



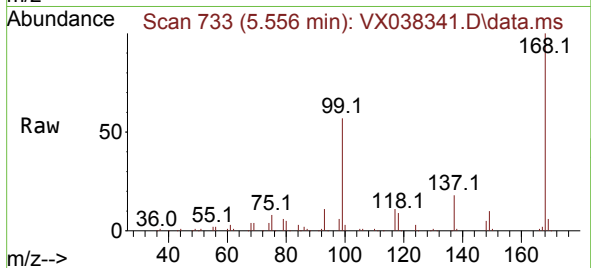
Tgt Ion: 75 Resp: 9416
Ion Ratio Lower Upper
75 100
110 5.0 17.0 50.9#
77 0.0 24.7 37.1#



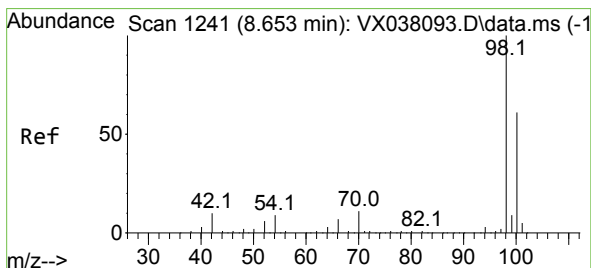
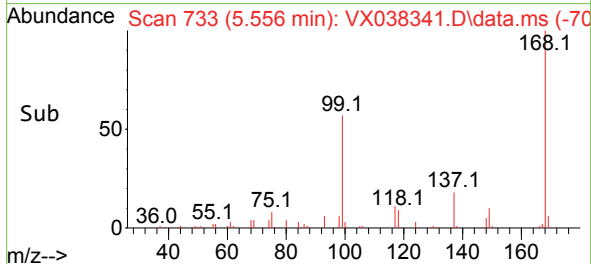
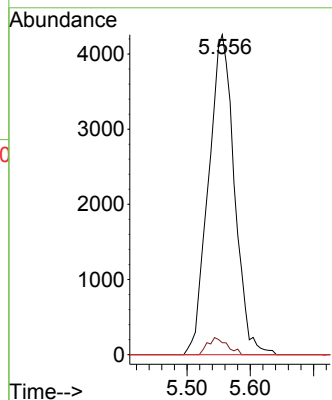


#38
Carbon Tetrachloride
Concen: 5.929 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038341.D
Acq: 17 Oct 2023 19:46

Instrument :
MSVOA_X
ClientSampleId :

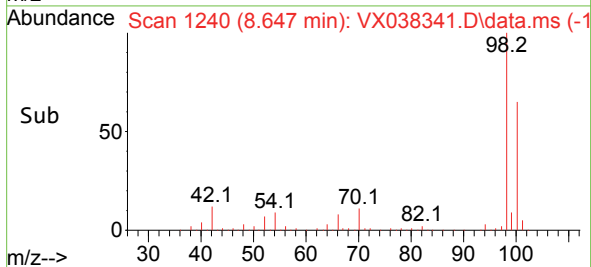
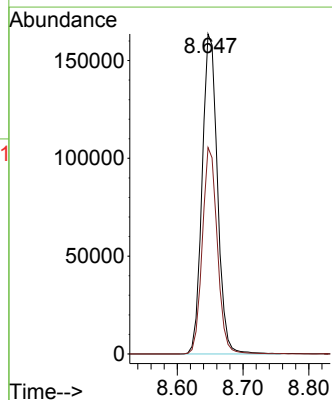
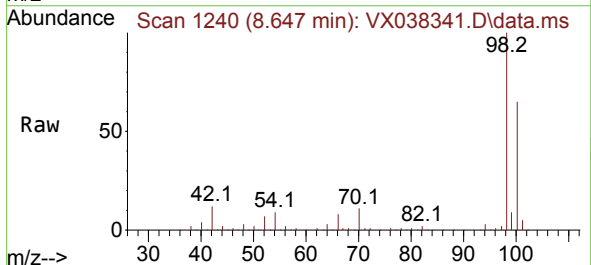


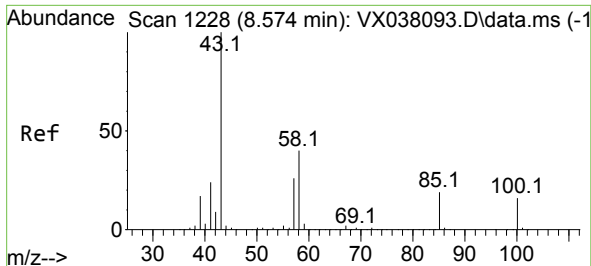
Tgt Ion:117 Resp: 12117
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.959 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038341.D
Acq: 17 Oct 2023 19:46

Tgt Ion: 98 Resp: 264588
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.478 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX038341.D

Acq: 17 Oct 2023 19:46

Instrument :

MSVOA_X

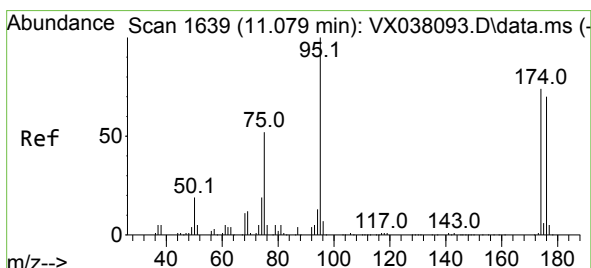
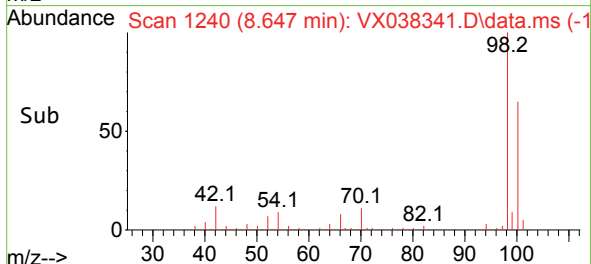
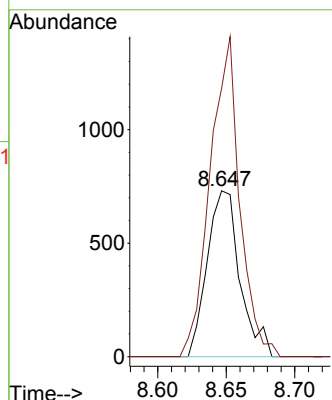
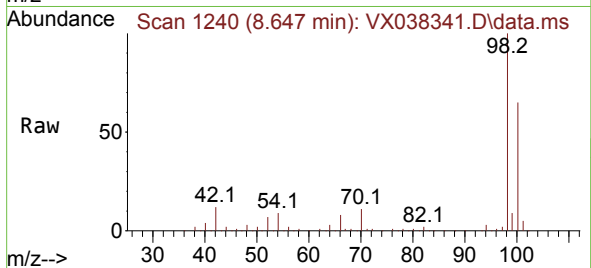
ClientSampleId :

Tgt Ion: 43 Resp: 1214

Ion Ratio Lower Upper

43 100

58 174.8 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 47.419 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038341.D

Acq: 17 Oct 2023 19:46

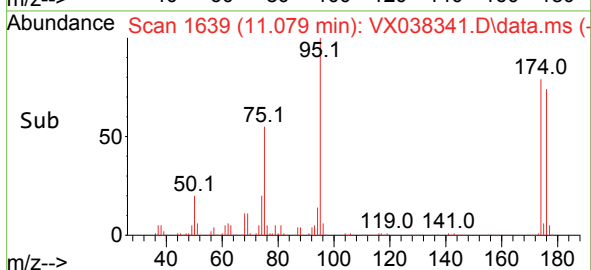
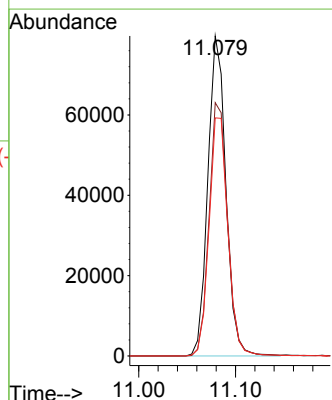
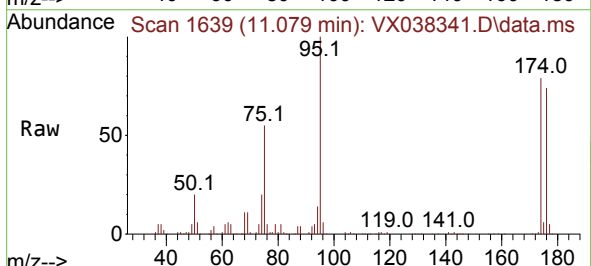
Tgt Ion: 95 Resp: 103493

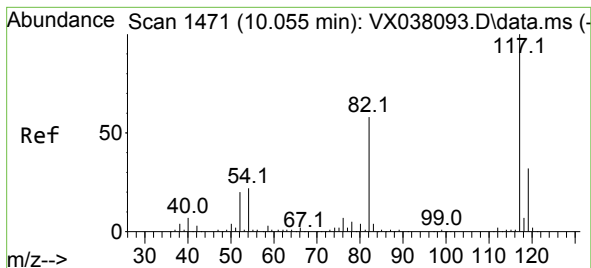
Ion Ratio Lower Upper

95 100

174 81.4 0.0 135.6

176 77.6 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: VX038341.D

Acq: 17 Oct 2023 19:46

Instrument :

MSVOA_X

ClientSampleId :

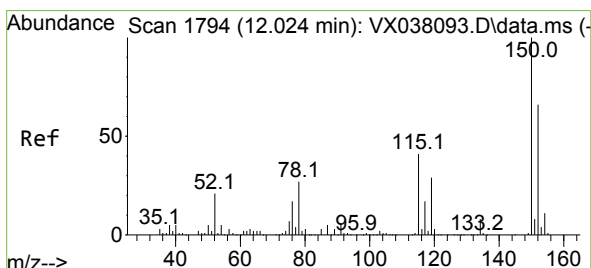
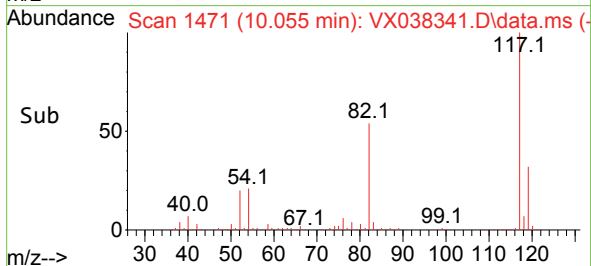
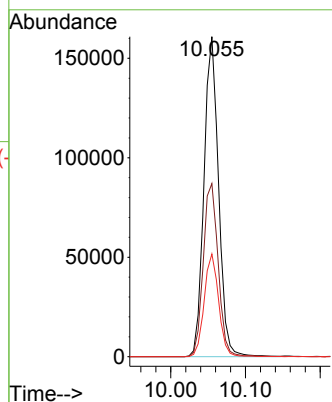
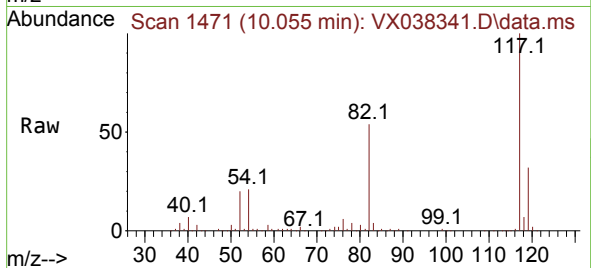
Tgt Ion:117 Resp: 217691

Ion Ratio Lower Upper

117 100

82 54.1 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# 1794

Delta R.T. 0.000 min

Lab File: VX038341.D

Acq: 17 Oct 2023 19:46

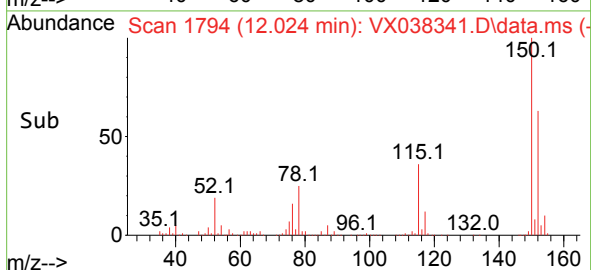
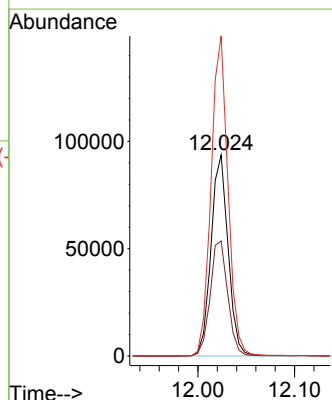
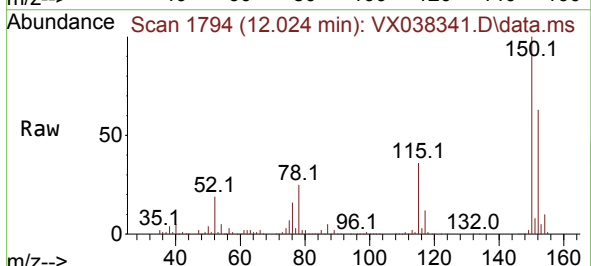
Tgt Ion:152 Resp: 115270

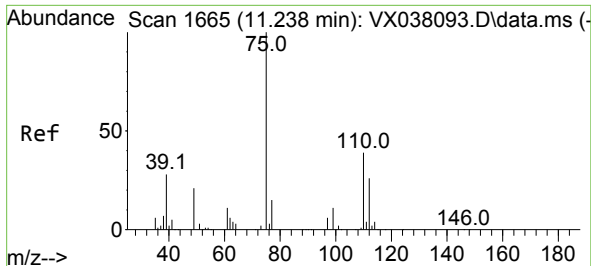
Ion Ratio Lower Upper

152 100

115 59.0 43.3 129.9

150 157.7 0.0 345.0

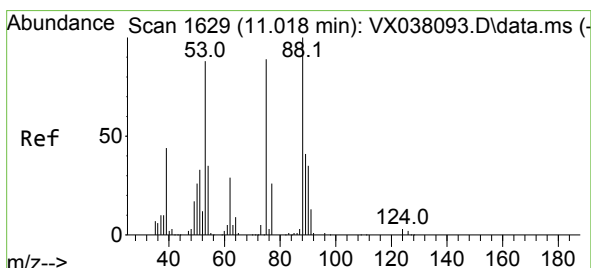
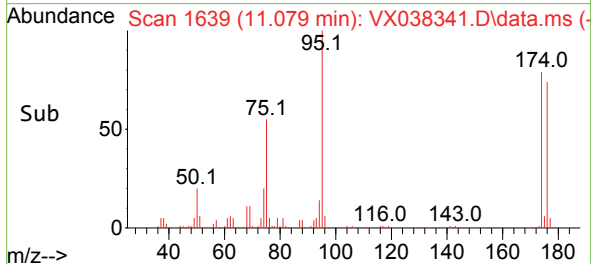
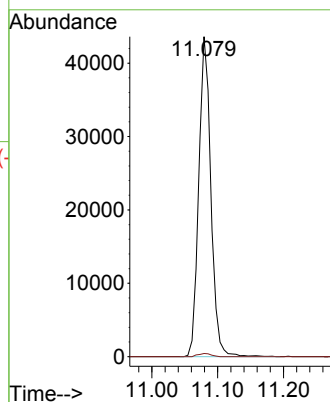
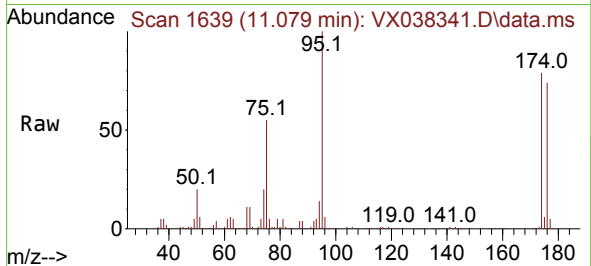




#76
1,2,3-Trichloropropane
Concen: 21.350 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038341.D
Acq: 17 Oct 2023 19:46

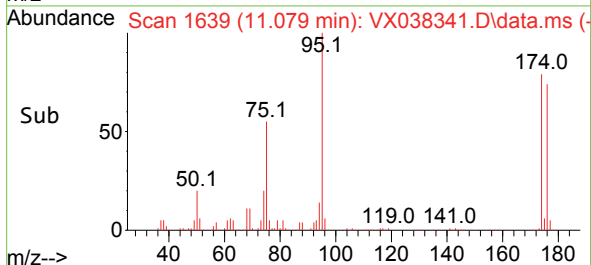
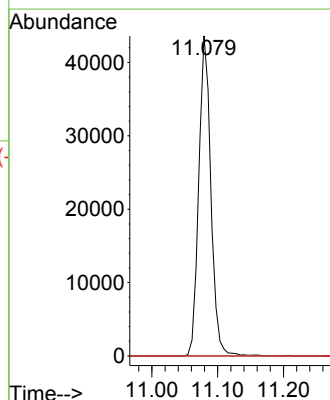
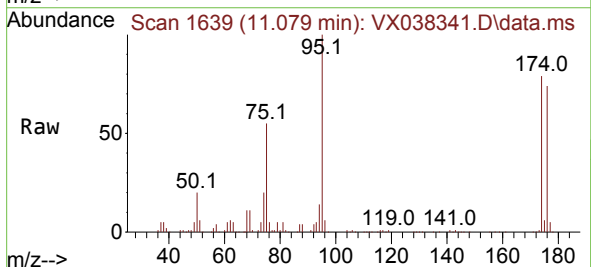
Instrument :
MSVOA_X
ClientSampleId :

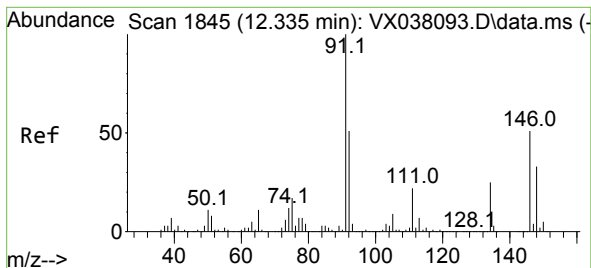
Tgt Ion: 75 Resp: 55947
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.344 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038341.D
Acq: 17 Oct 2023 19:46

Tgt Ion: 75 Resp: 55947
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#89

n-Butylbenzene

Concen: 0.459 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

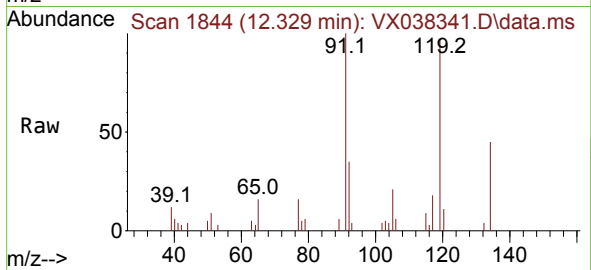
Lab File: VX038341.D

Acq: 17 Oct 2023 19:46

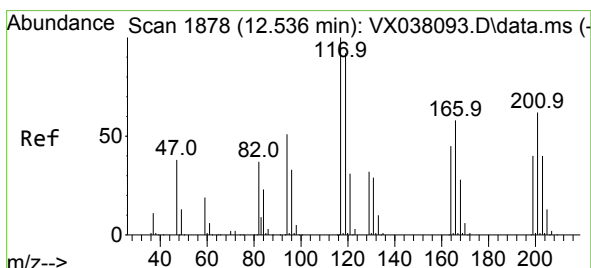
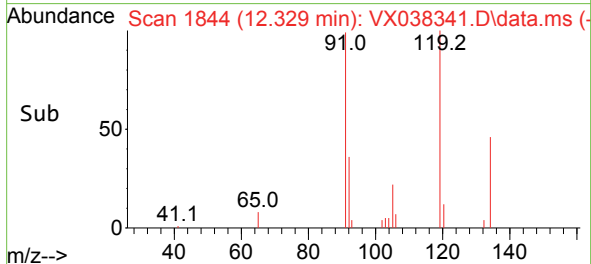
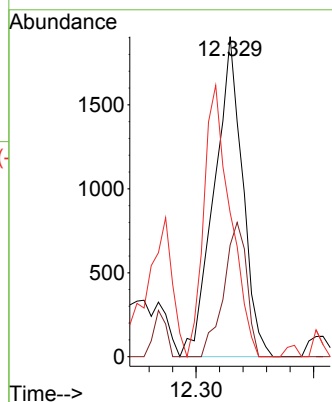
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 91	Resp: 3183
Ion Ratio	Lower Upper
91	100
92	34.1 27.4 82.0
134	79.5 12.6 37.8#



#90

Hexachloroethane

Concen: 1.483 ug/l

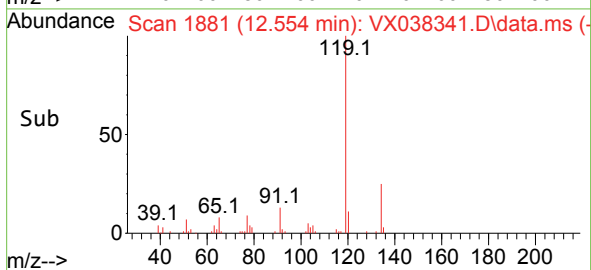
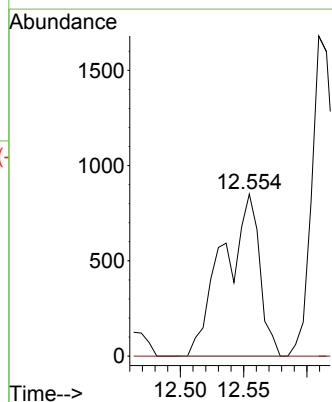
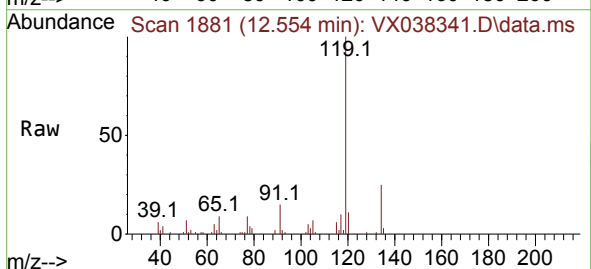
RT: 12.554 min Scan# 1881

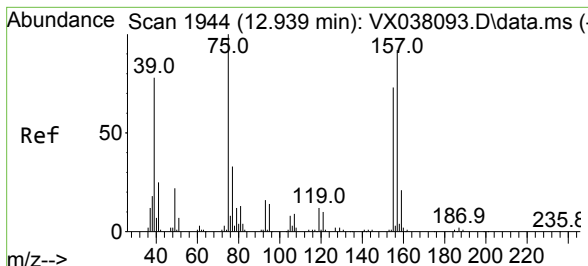
Delta R.T. 0.018 min

Lab File: VX038341.D

Acq: 17 Oct 2023 19:46

Tgt Ion: 117	Resp: 1713
Ion Ratio	Lower Upper
117	100
201	0.0 32.9 98.6#

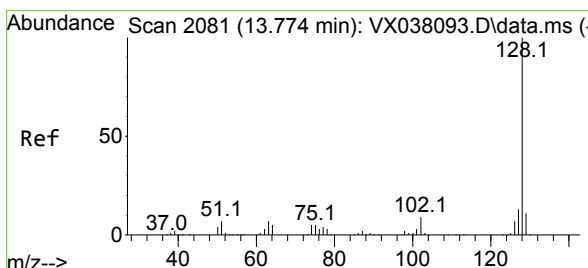
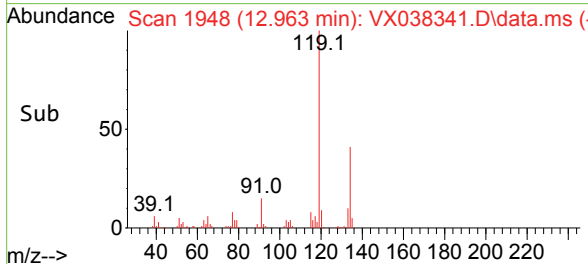
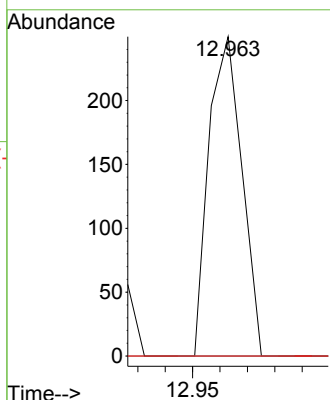
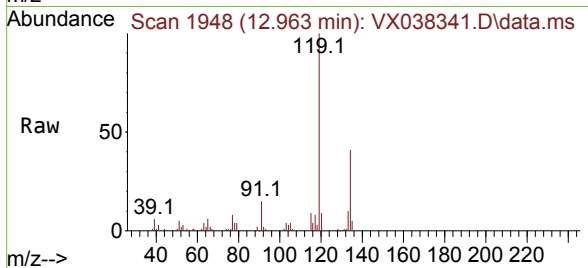




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.305 ug/l
RT: 12.963 min Scan# 1948
Delta R.T. 0.018 min
Lab File: VX038341.D
Acq: 17 Oct 2023 19:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 209
Ion Ratio Lower Upper
75 100
155 0.0 36.1 108.5#
157 0.0 44.9 134.7#



#95
Naphthalene
Concen: 5.928 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038341.D
Acq: 17 Oct 2023 19:46

Tgt Ion: 128 Resp: 50451
Ion Ratio Lower Upper
128 100
127 12.3 10.3 15.5
129 10.3 8.8 13.2

