

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038762.D
 Acq On : 11 Nov 2023 06:18
 Operator : JC/MD
 Sample : 05357-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 13 01:06:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

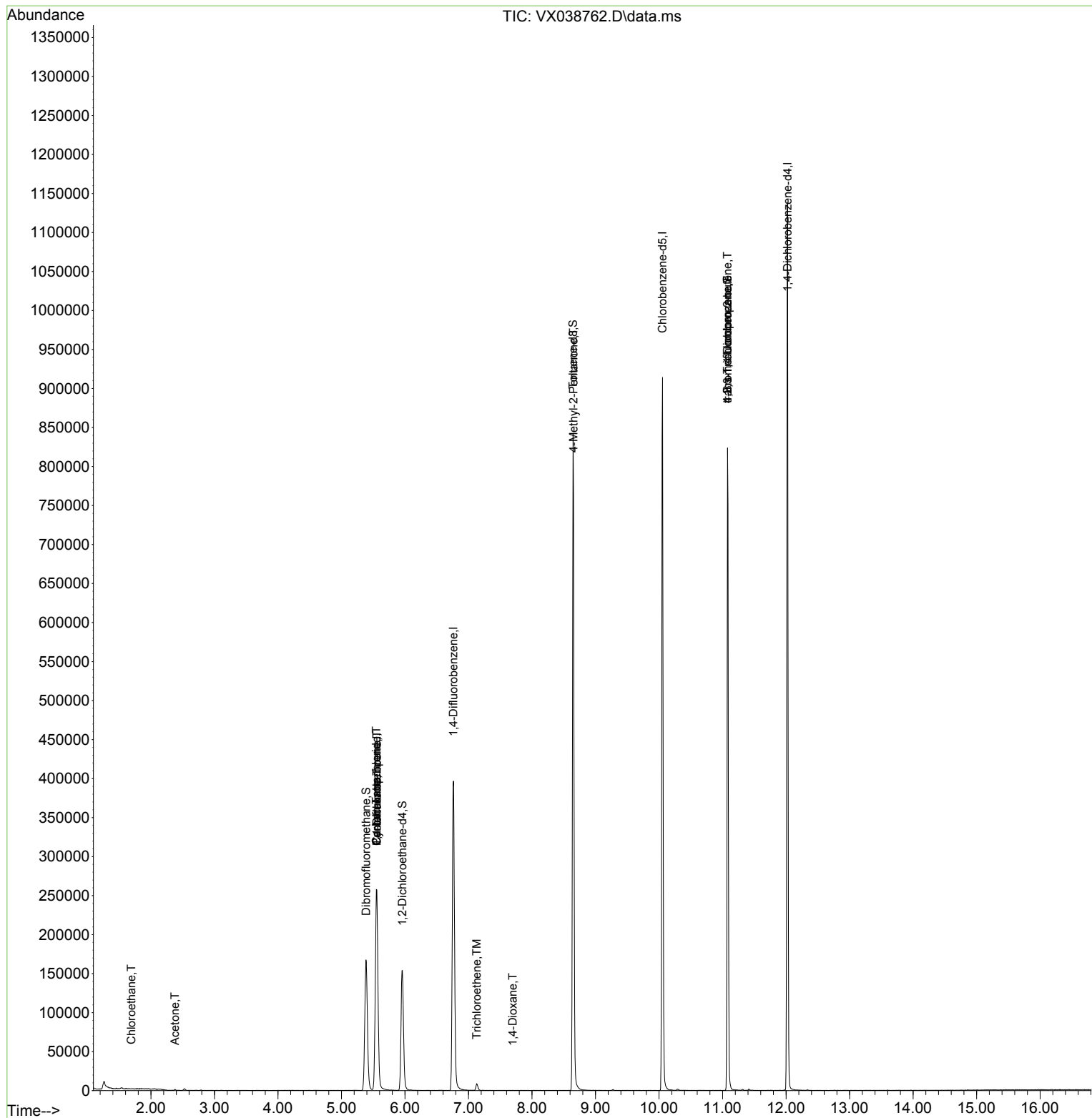
Internal Standards						
1) Pentafluorobenzene	5.556	168	273128	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	448519	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	468690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	267533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159907	47.027	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.060%
35) Dibromofluoromethane	5.385	113	149008	46.127	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.260%
50) Toluene-d8	8.647	98	537454	46.494	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.980%
62) 4-Bromofluorobenzene	11.079	95	226862	50.619	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.240%
Target Compounds						
					Qvalue	
6) Chloroethane	1.691	64	564	0.341	ug/l #	43
16) Acetone	2.380	43	1406	0.982	ug/l #	67
31) Cyclohexane	5.556	56	4568	1.214	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	17286	4.308	ug/l #	52
38) Carbon Tetrachloride	5.550	117	25937	5.782	ug/l #	15
44) Trichloroethene	7.129	130	3800	1.057	ug/l	94
49) 1,4-Dioxane	7.696	88	21	0.304	ug/l #	12
51) 4-Methyl-2-Pentanone	8.653	43	1833	0.447	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	110476	20.851	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	110476	63.430	ug/l #	5

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

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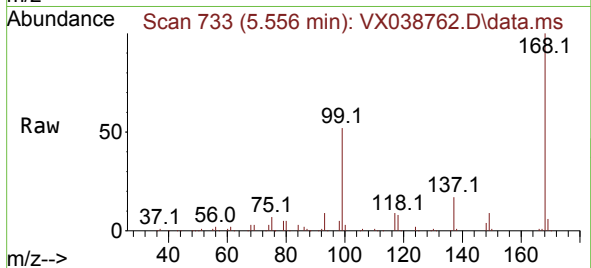
Quant Time: Nov 13 01:06:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 08 03:19:07 2023
Response via : Initial Calibration



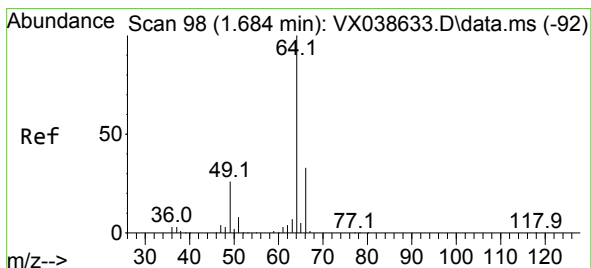
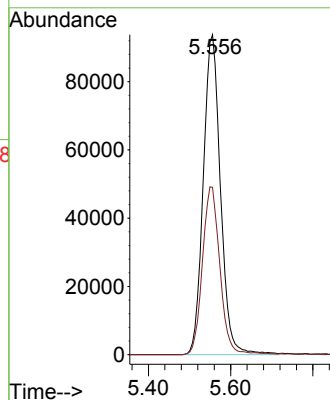
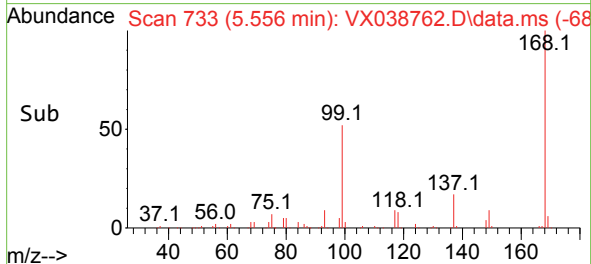


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038762.D
Acq: 11 Nov 2023 06:18

Instrument :
MSVOA_X
ClientSampleId :

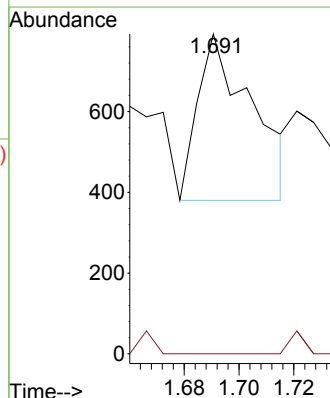
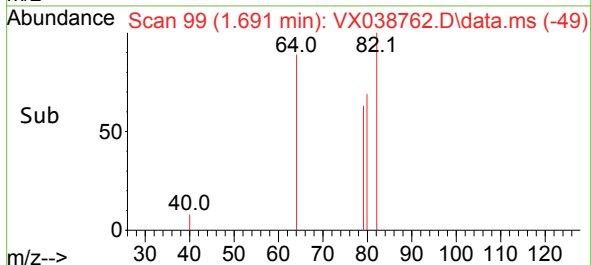
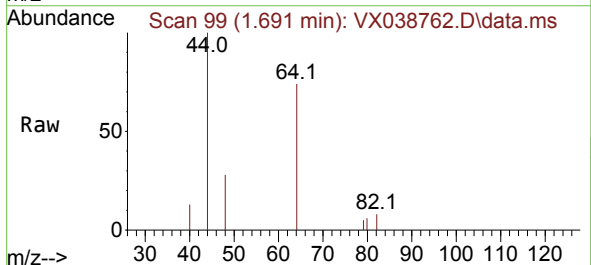


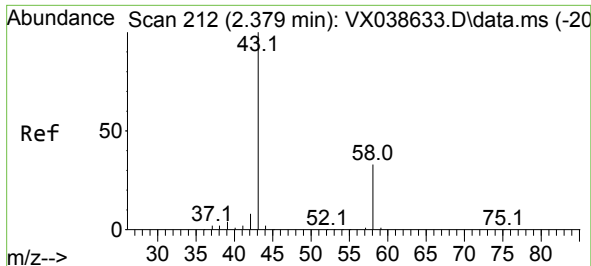
Tgt Ion:168 Resp: 273128
Ion Ratio Lower Upper
168 100
99 52.3 56.6 85.0#



#6
Chloroethane
Concen: 0.341 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX038762.D
Acq: 11 Nov 2023 06:18

Tgt Ion: 64 Resp: 564
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

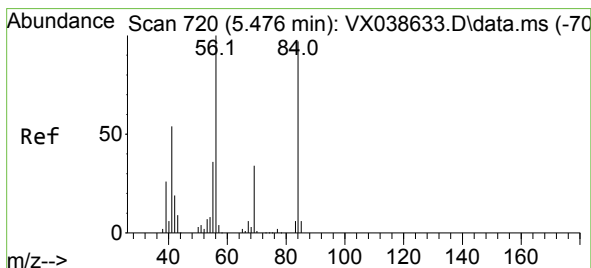
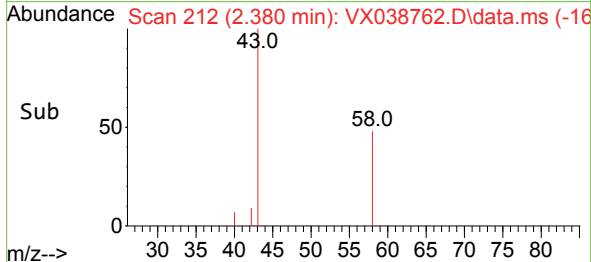
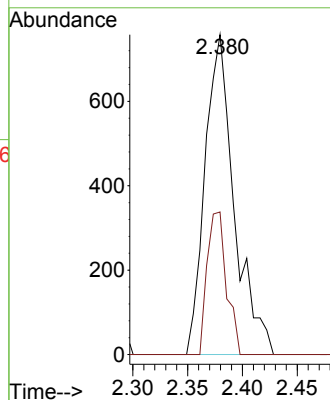
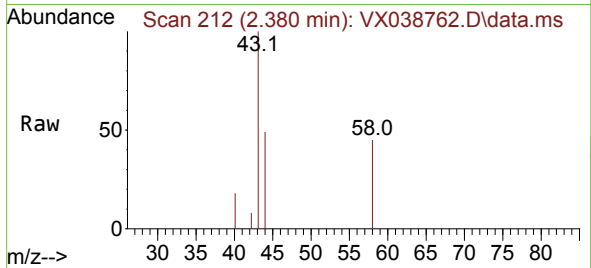




#16
Acetone
Concen: 0.982 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038762.D
Acq: 11 Nov 2023 06:18

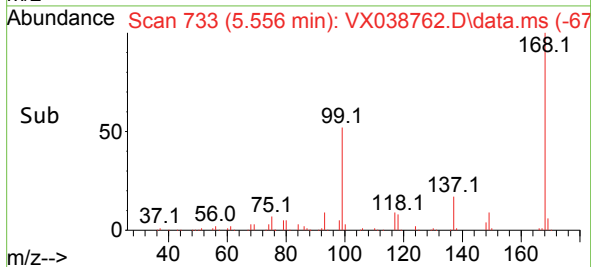
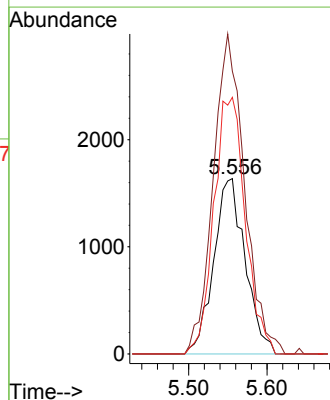
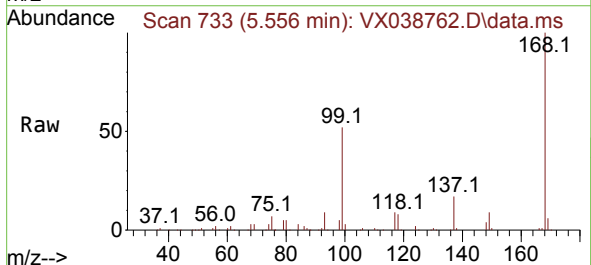
Instrument :
MSVOA_X
ClientSampleId :

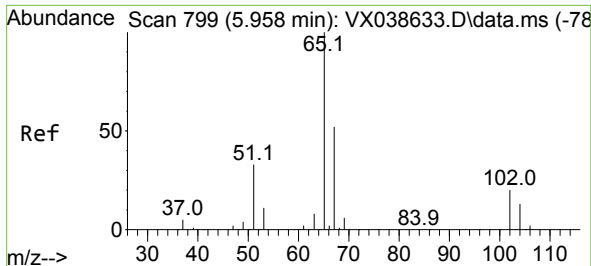
Tgt Ion: 43 Resp: 1406
Ion Ratio Lower Upper
43 100
58 44.6 21.9 32.9#



#31
Cyclohexane
Concen: 1.214 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX038762.D
Acq: 11 Nov 2023 06:18

Tgt Ion: 56 Resp: 4568
Ion Ratio Lower Upper
56 100
69 161.2 23.4 35.2#
84 146.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.027 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038762.D

Acq: 11 Nov 2023 06:18

Instrument :

MSVOA_X

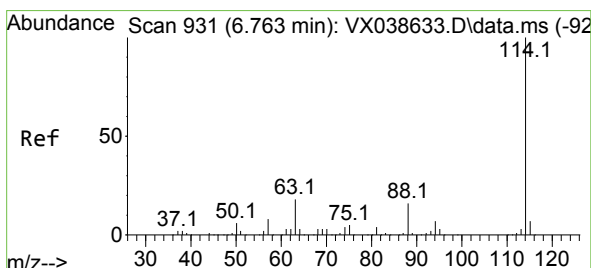
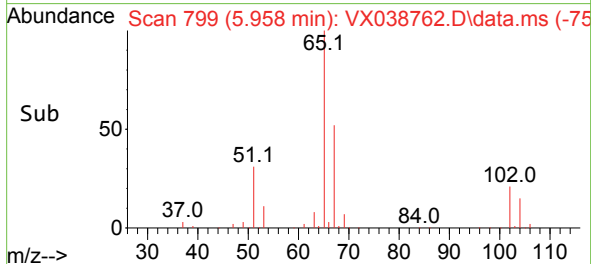
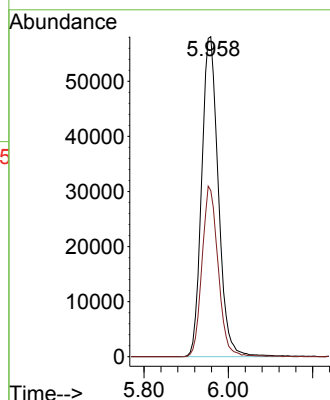
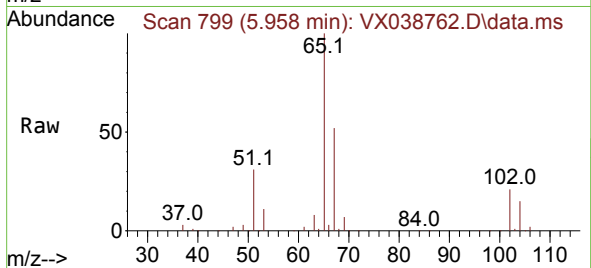
ClientSampleId :

Tgt Ion: 65 Resp: 159907

Ion Ratio Lower Upper

65 100

67 51.6 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: VX038762.D

Acq: 11 Nov 2023 06:18

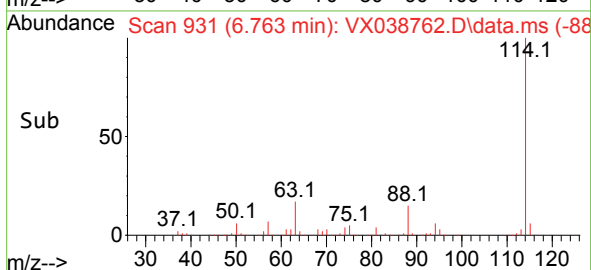
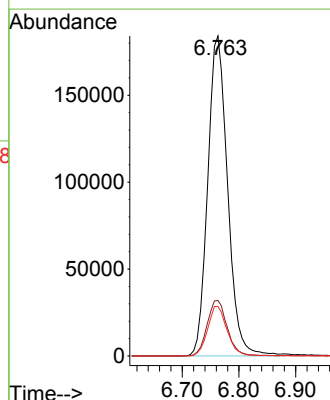
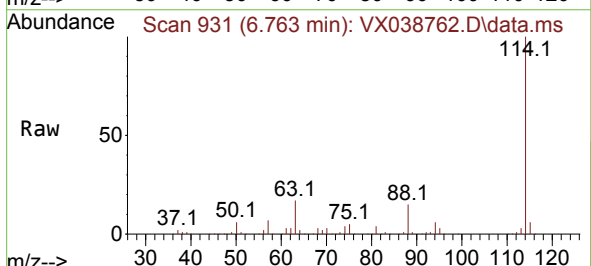
Tgt Ion: 114 Resp: 448519

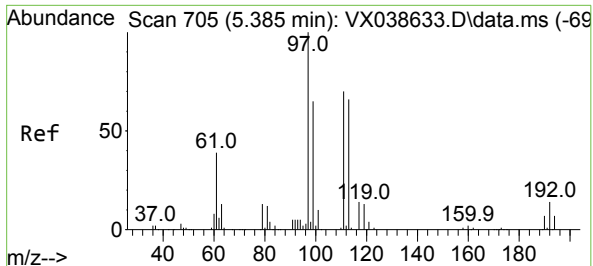
Ion Ratio Lower Upper

114 100

63 17.4 0.0 45.0

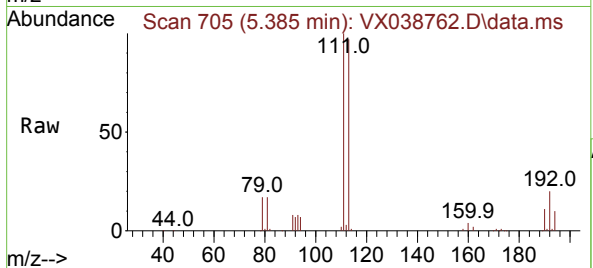
88 15.4 0.0 36.6



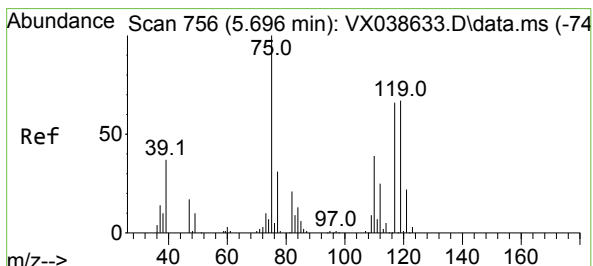
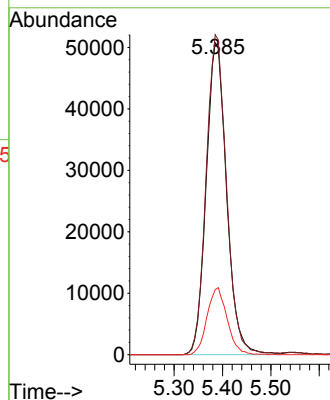
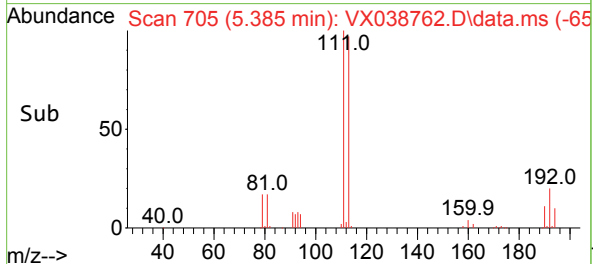


#35
Dibromofluoromethane
Concen: 46.127 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038762.D
Acq: 11 Nov 2023 06:18

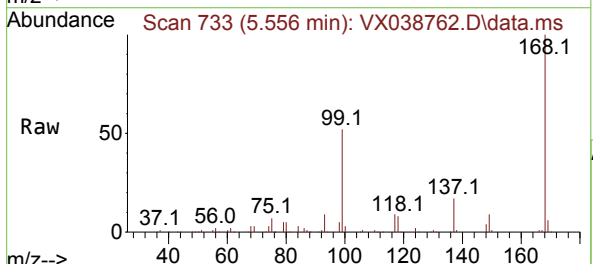
Instrument :
MSVOA_X
ClientSampleId :



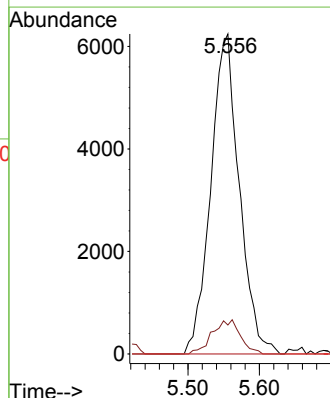
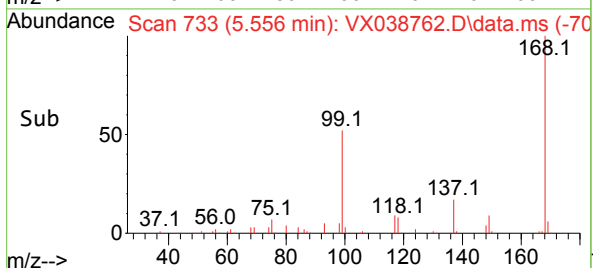
Tgt Ion:113 Resp: 149008
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 21.1 13.3 19.9#

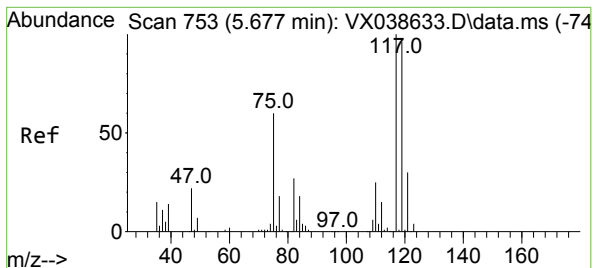


#36
1,1-Dichloropropene
Concen: 4.308 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX038762.D
Acq: 11 Nov 2023 06:18



Tgt Ion: 75 Resp: 17286
Ion Ratio Lower Upper
75 100
110 10.5 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.782 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

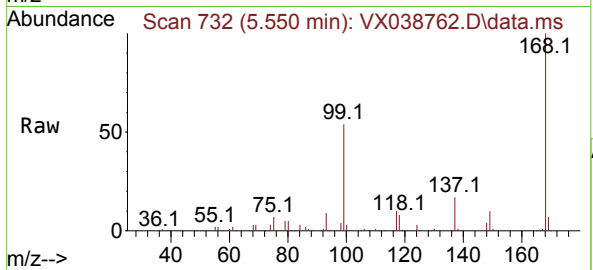
Lab File: VX038762.D

Acq: 11 Nov 2023 06:18

Instrument :

MSVOA_X

ClientSampleId :



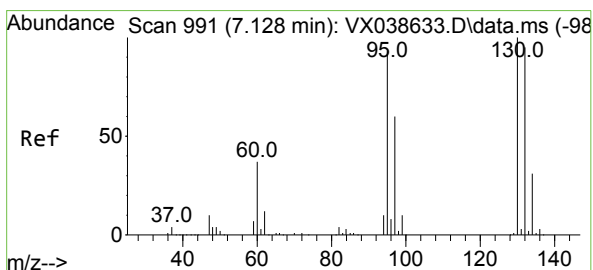
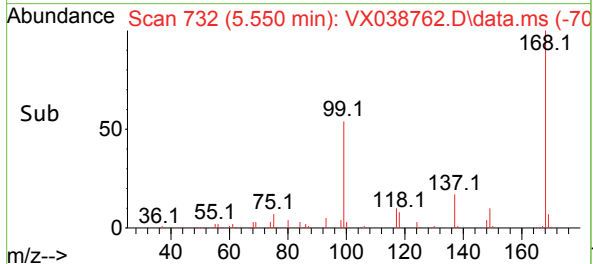
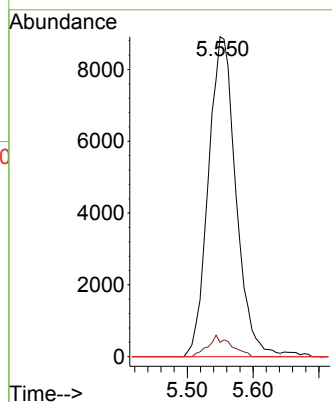
Tgt Ion:117 Resp: 25937

Ion Ratio Lower Upper

117 100

119 4.5 78.2 117.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 1.057 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX038762.D

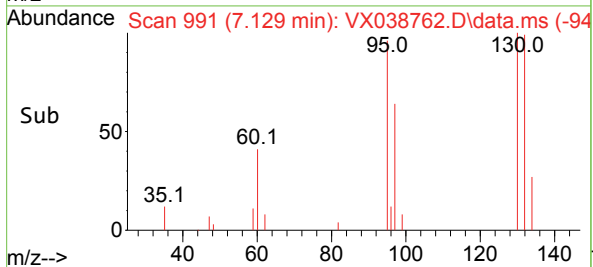
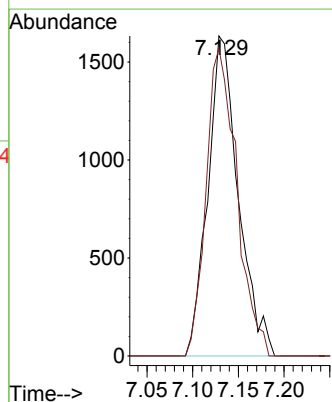
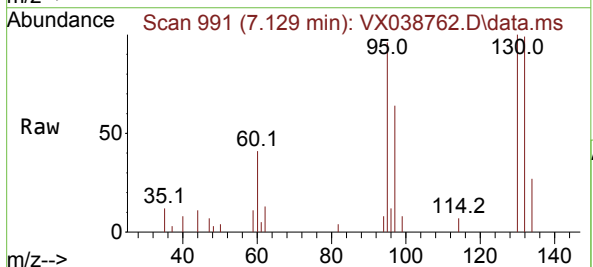
Acq: 11 Nov 2023 06:18

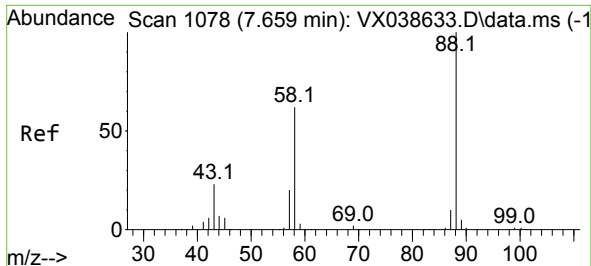
Tgt Ion:130 Resp: 3800

Ion Ratio Lower Upper

130 100

95 96.1 0.0 204.4





#49

1,4-Dioxane

Concen: 0.304 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.037 min

Lab File: VX038762.D

Acq: 11 Nov 2023 06:18

Instrument :

MSVOA_X

ClientSampleId :

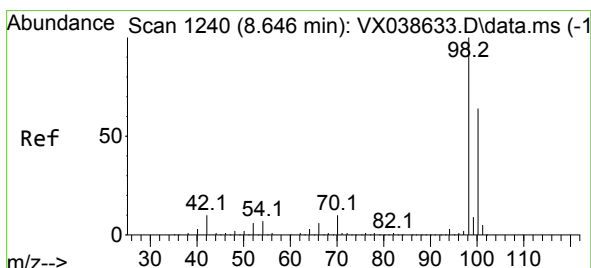
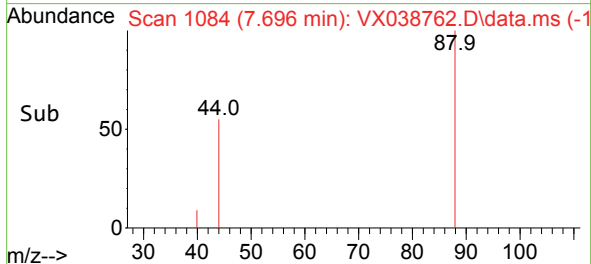
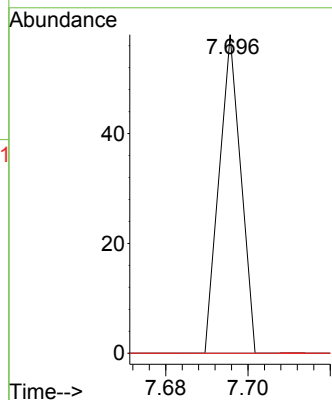
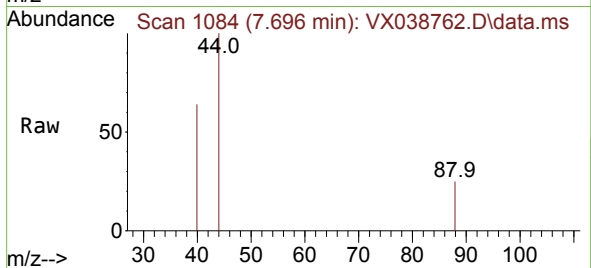
Tgt Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 60.1 90.1#



#50

Toluene-d8

Concen: 46.494 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038762.D

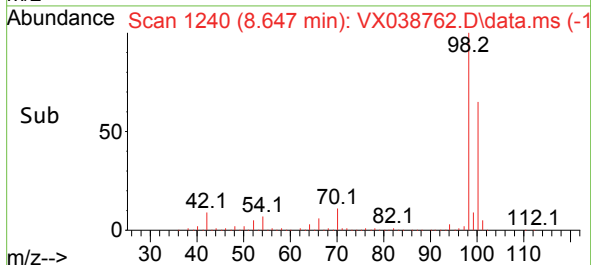
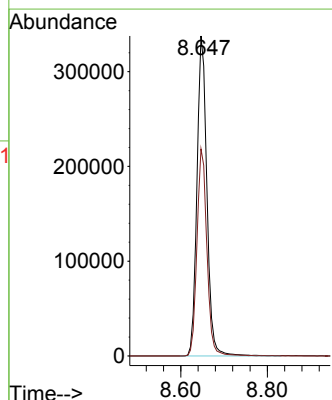
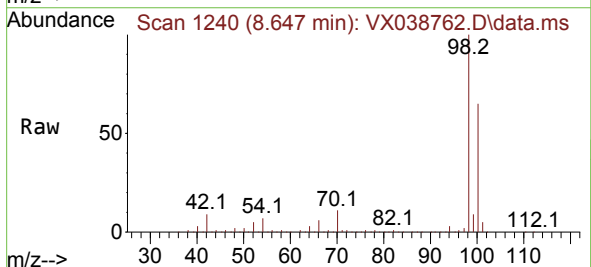
Acq: 11 Nov 2023 06:18

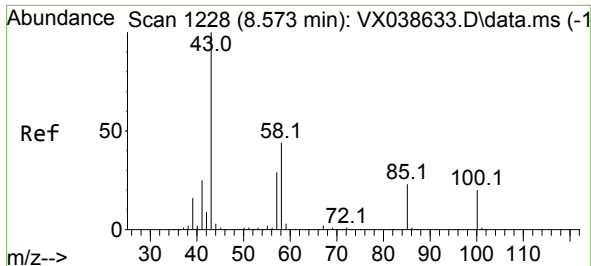
Tgt Ion: 98 Resp: 537454

Ion Ratio Lower Upper

98 100

100 64.8 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.447 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.080 min

Lab File: VX038762.D

Acq: 11 Nov 2023 06:18

Instrument :

MSVOA_X

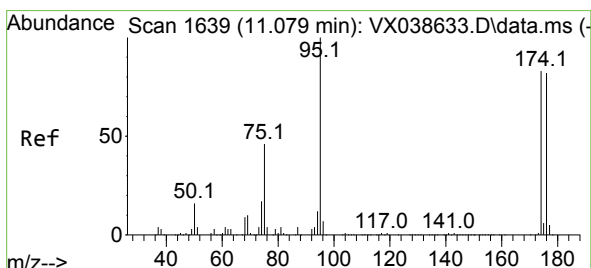
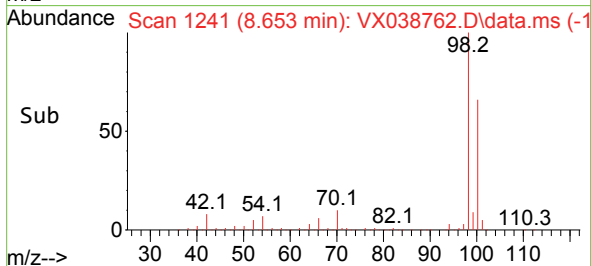
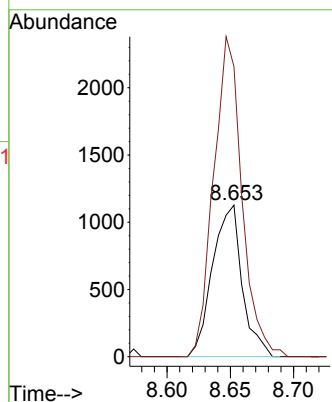
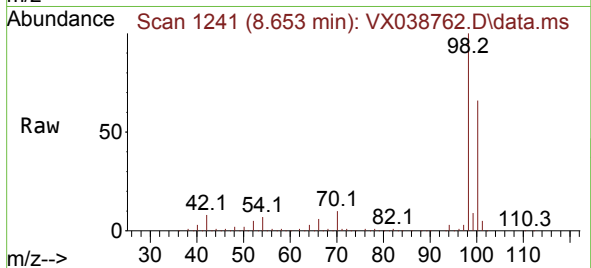
ClientSampleId :

Tgt Ion: 43 Resp: 1833

Ion Ratio Lower Upper

43 100

58 202.3 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 50.619 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038762.D

Acq: 11 Nov 2023 06:18

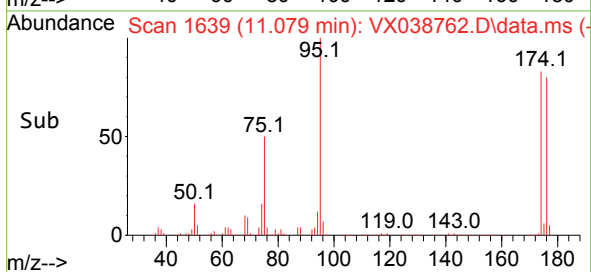
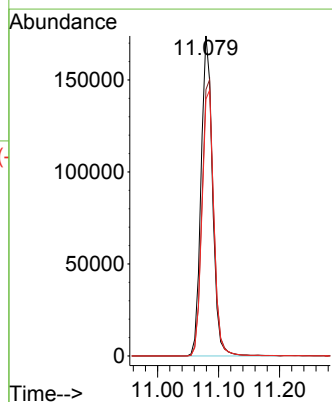
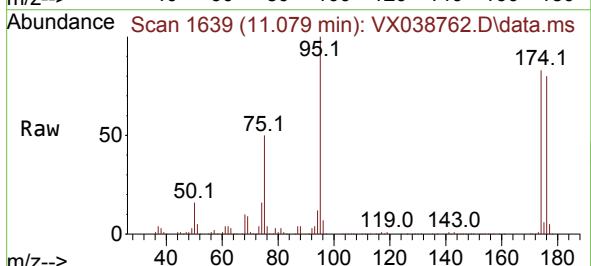
Tgt Ion: 95 Resp: 226862

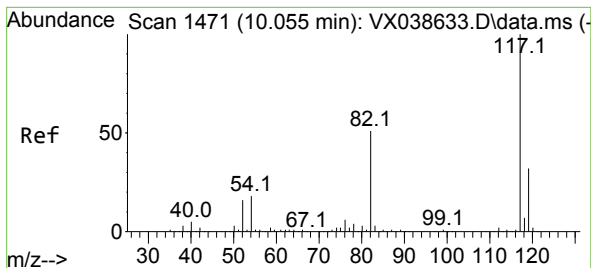
Ion Ratio Lower Upper

95 100

174 88.4 0.0 135.6

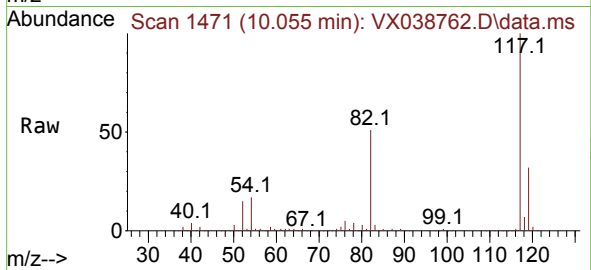
176 86.2 0.0 131.0



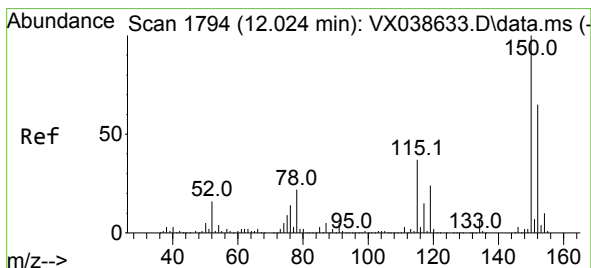
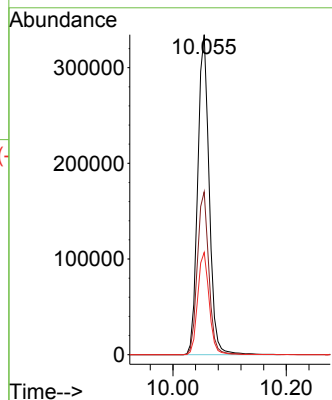
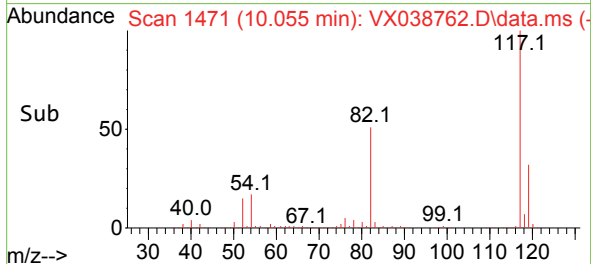


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038762.D
Acq: 11 Nov 2023 06:18

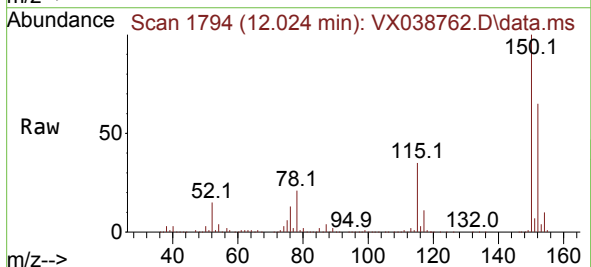
Instrument :
MSVOA_X
ClientSampleId :



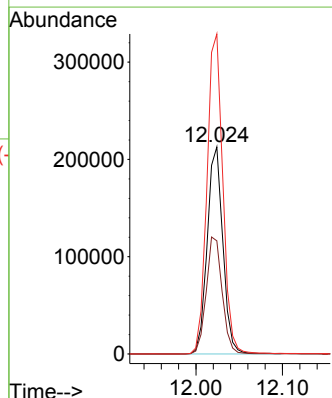
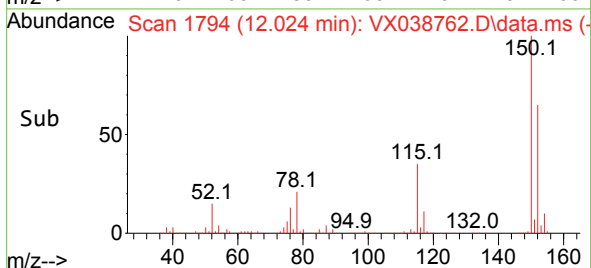
Tgt Ion:117 Resp: 468690
Ion Ratio Lower Upper
117 100
82 50.9 46.2 69.4
119 31.9 25.5 38.3

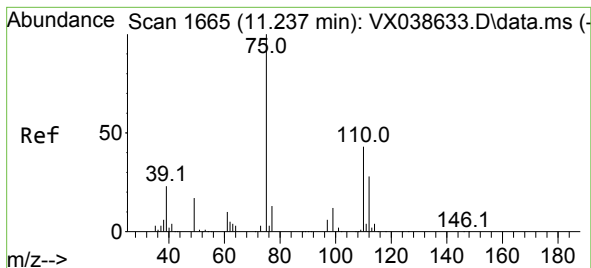


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038762.D
Acq: 11 Nov 2023 06:18



Tgt Ion:152 Resp: 267533
Ion Ratio Lower Upper
152 100
115 57.7 43.3 129.9
150 156.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 20.851 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX038762.D

Acq: 11 Nov 2023 06:18

Instrument :

MSVOA_X

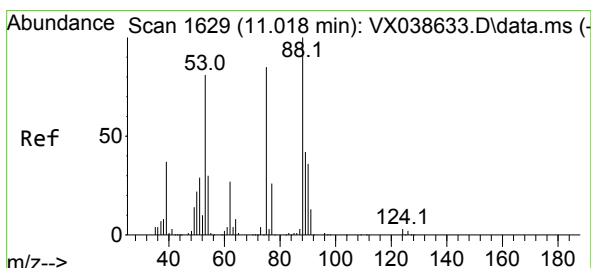
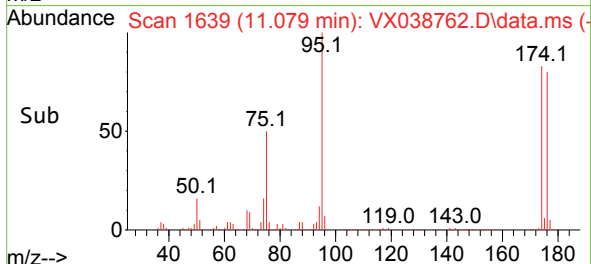
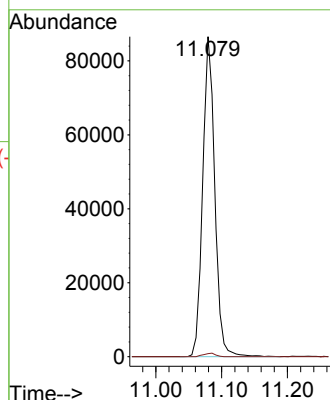
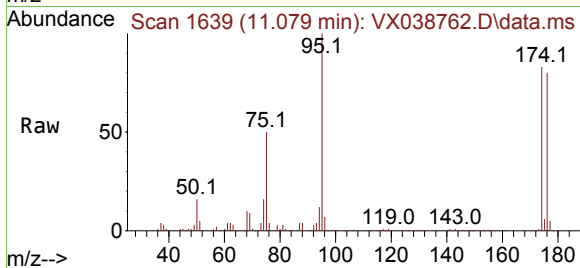
ClientSampleId :

Tgt Ion: 75 Resp: 110476

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.430 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038762.D

Acq: 11 Nov 2023 06:18

Tgt Ion: 75 Resp: 110476

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

