

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038434.D
 Acq On : 23 Oct 2023 15:51
 Operator : JC/MD
 Sample : 05007-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 24 00:03:41 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)

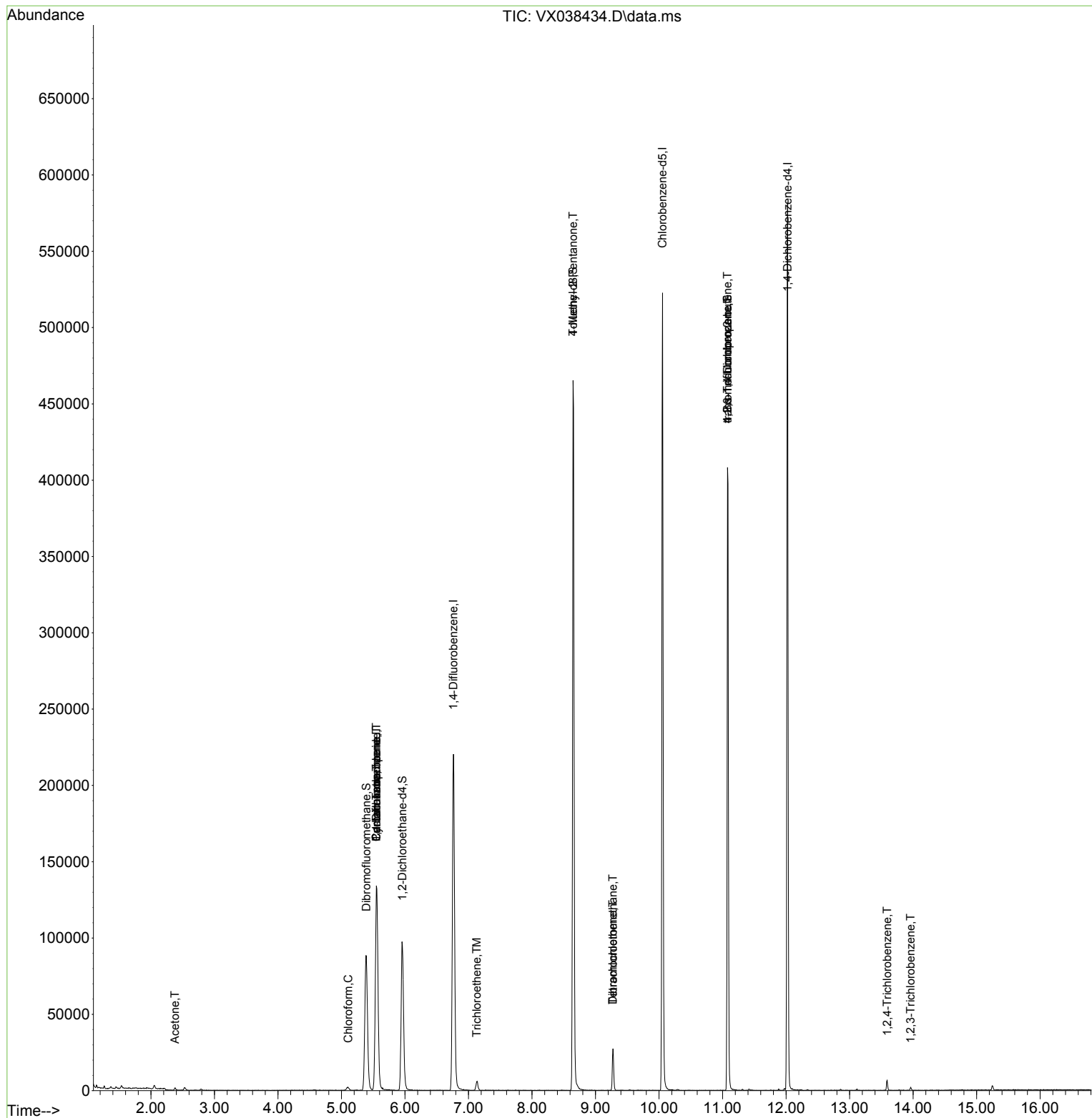
Internal Standards						
1) Pentafluorobenzene	5.550	168	127479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	231600	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94002	45.845	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.700%
35) Dibromofluoromethane	5.391	113	77392	46.375	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.760%
50) Toluene-d8	8.647	98	289218	45.353	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.700%#
62) 4-Bromofluorobenzene	11.079	95	108241	44.772	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.540%
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	20	Below Cal	#	3
6) Chloroethane	1.447	64	72	Below Cal	#	43
16) Acetone	2.380	43	1477	1.726	ug/l	99
30) Chloroform	5.105	83	2443	0.842	ug/l #	83
31) Cyclohexane	5.550	56	3067	1.381	ug/l #	24
36) 1,1-Dichloropropene	5.550	75	10480	4.554	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13282	5.867	ug/l #	14
44) Trichloroethene	7.129	130	2334	1.386	ug/l	76
51) 4-Methyl-2-Pentanone	8.647	43	1281	0.455	ug/l #	1
60) Dibromochloromethane	9.275	129	4931	2.809	ug/l #	11
64) Tetrachloroethene	9.275	164	5079	3.329	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	59112	21.402	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	59112	61.485	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	1758	0.682	ug/l	93
96) 1,2,3-Trichlorobenzene	13.963	180	647	0.259	ug/l	96

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
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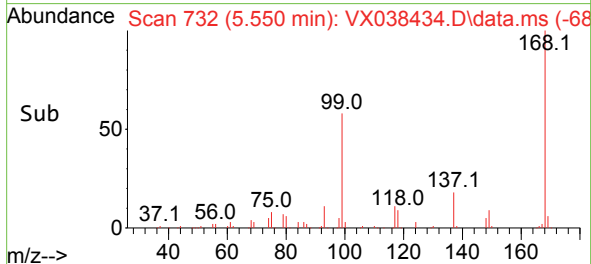
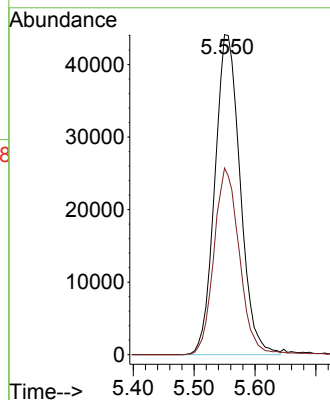
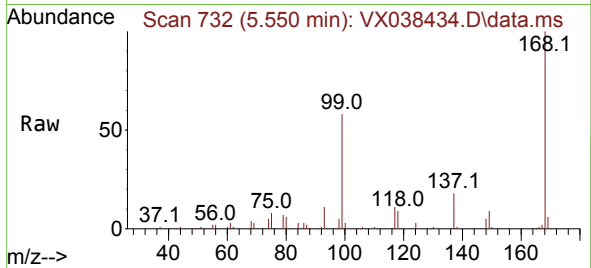




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038434.D
Acq: 23 Oct 2023 15:51

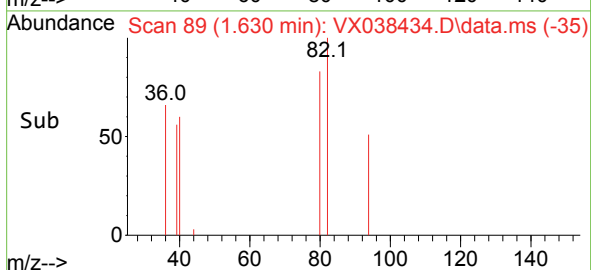
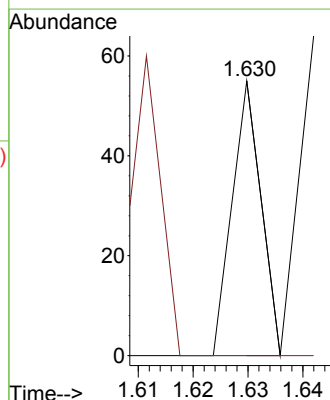
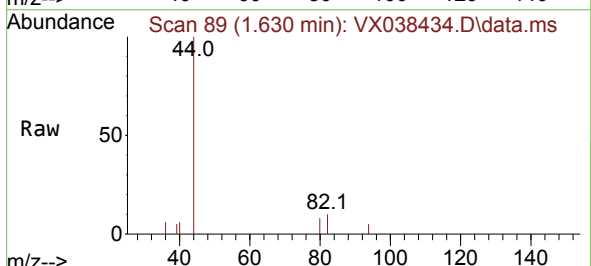
Instrument :
MSVOA_X
ClientSampleId :

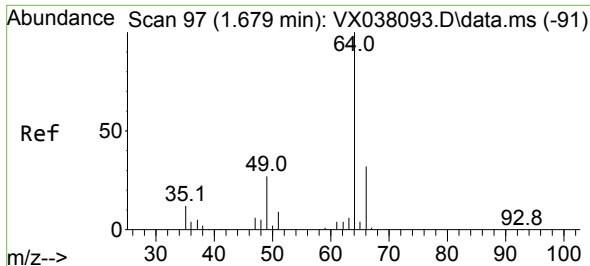
Tgt Ion:168 Resp: 127479
Ion Ratio Lower Upper
168 100
99 58.3 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX038434.D
Acq: 23 Oct 2023 15:51

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

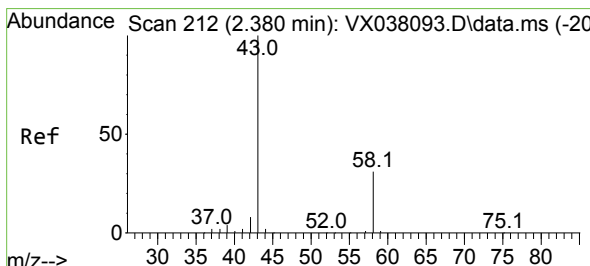
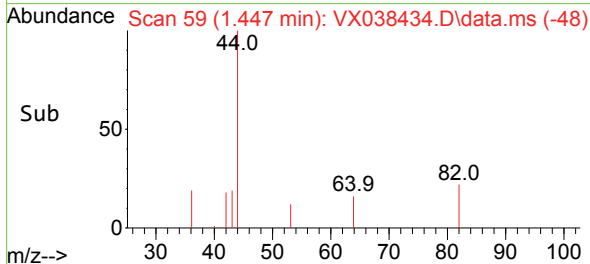
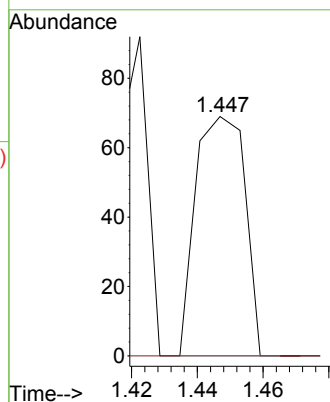
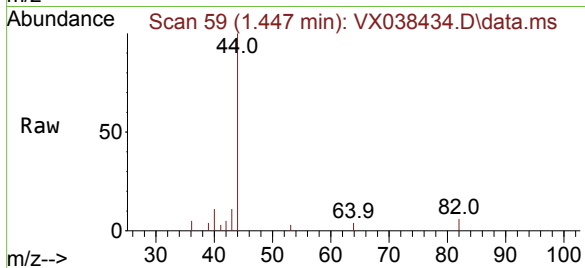




#6
Chloroethane
Concen: Below Cal
RT: 1.447 min Scan# 59
Delta R.T. -0.232 min
Lab File: VX038434.D
Acq: 23 Oct 2023 15:51

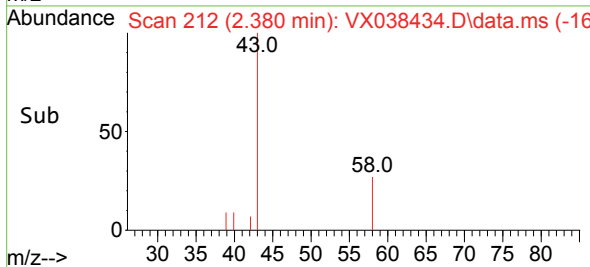
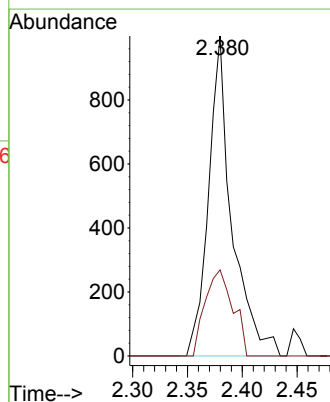
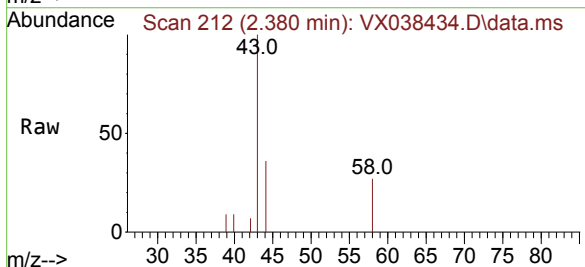
Instrument :
MSVOA_X
ClientSampleId :

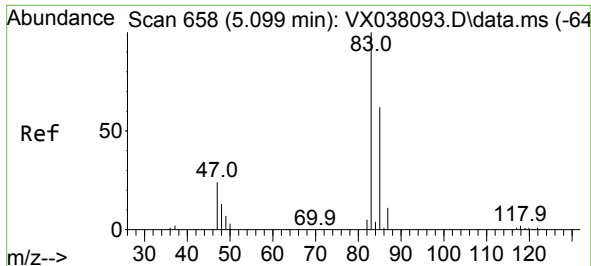
Tgt Ion: 64 Resp: 72
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 1.726 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038434.D
Acq: 23 Oct 2023 15:51

Tgt Ion: 43 Resp: 1477
Ion Ratio Lower Upper
43 100
58 26.9 21.9 32.9





#30

Chloroform

Concen: 0.842 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX038434.D

Acq: 23 Oct 2023 15:51

Instrument :

MSVOA_X

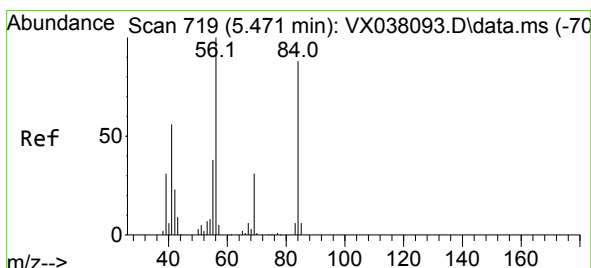
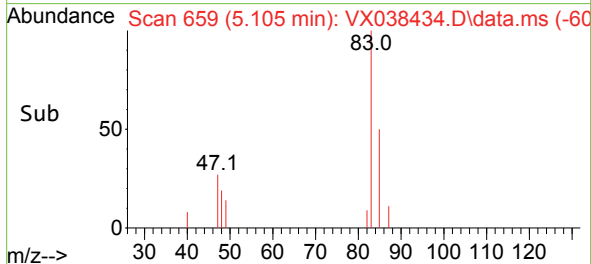
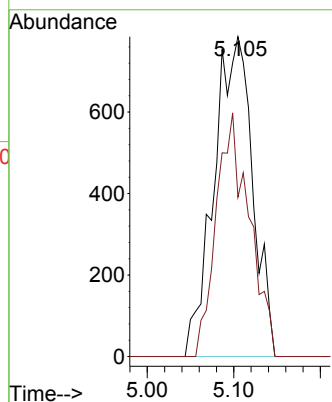
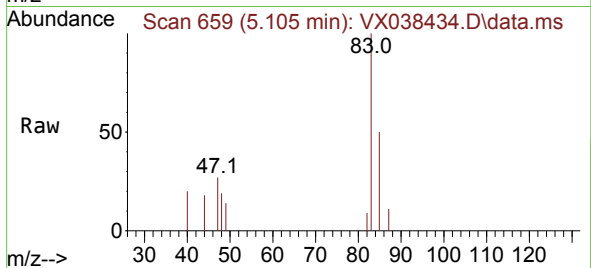
ClientSampleId :

Tgt Ion: 83 Resp: 2443

Ion Ratio Lower Upper

83 100

85 49.8 50.3 75.5#



#31

Cyclohexane

Concen: 1.381 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX038434.D

Acq: 23 Oct 2023 15:51

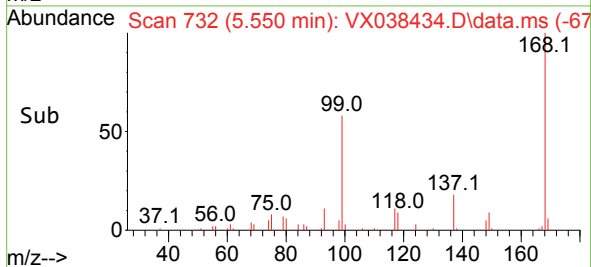
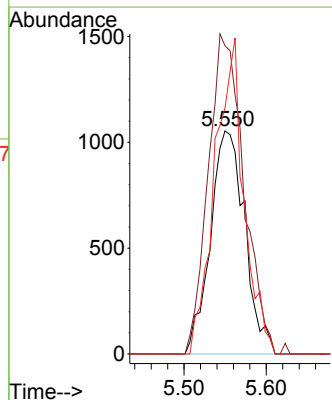
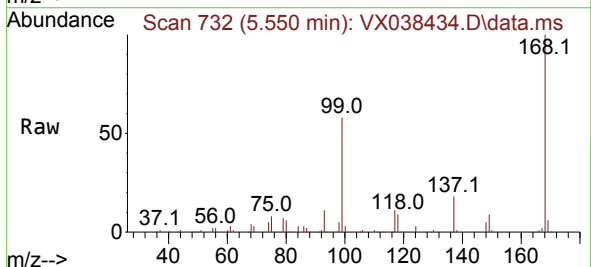
Tgt Ion: 56 Resp: 3067

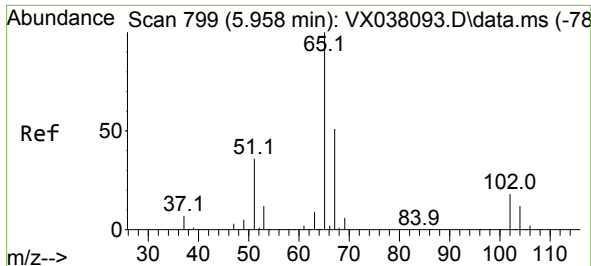
Ion Ratio Lower Upper

56 100

69 138.1 23.4 35.2#

84 110.2 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.845 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038434.D

Acq: 23 Oct 2023 15:51

Instrument :

MSVOA_X

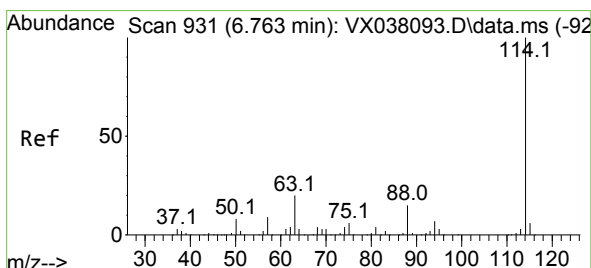
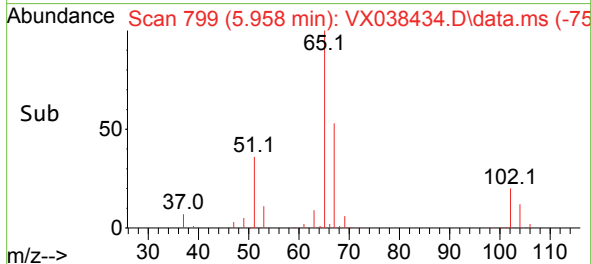
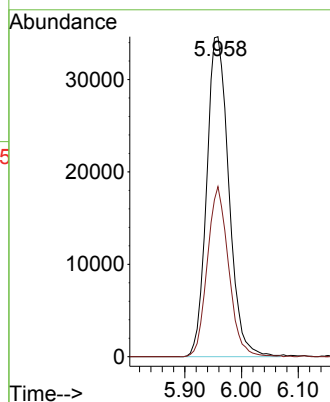
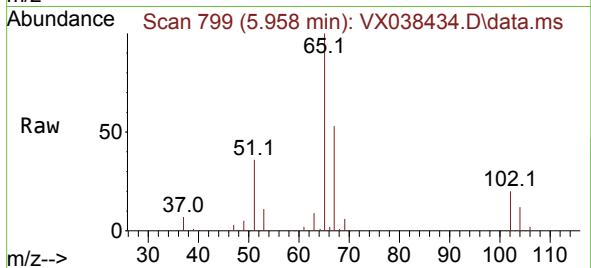
ClientSampleId :

Tgt Ion: 65 Resp: 94002

Ion Ratio Lower Upper

65 100

67 51.1 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: VX038434.D

Acq: 23 Oct 2023 15:51

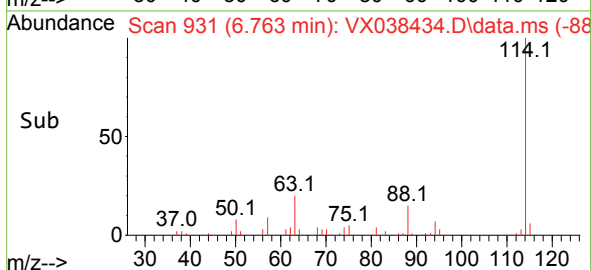
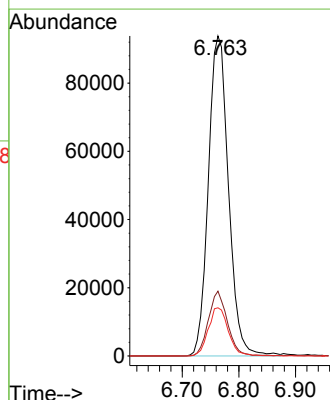
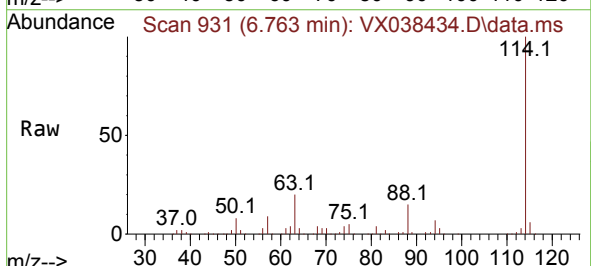
Tgt Ion:114 Resp: 231600

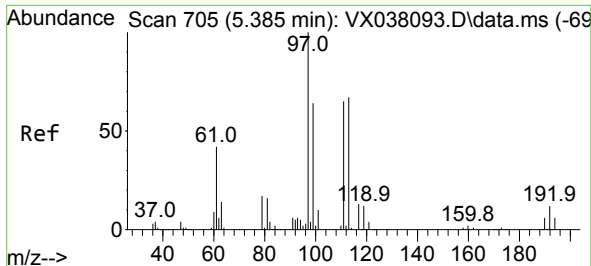
Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

88 15.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.375 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

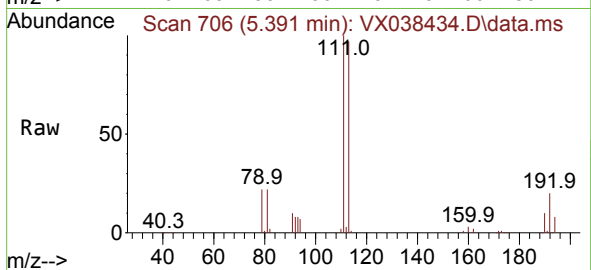
Lab File: VX038434.D

Acq: 23 Oct 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :



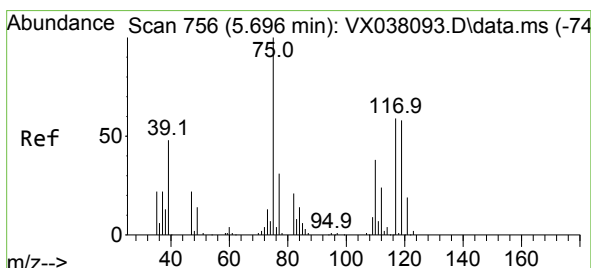
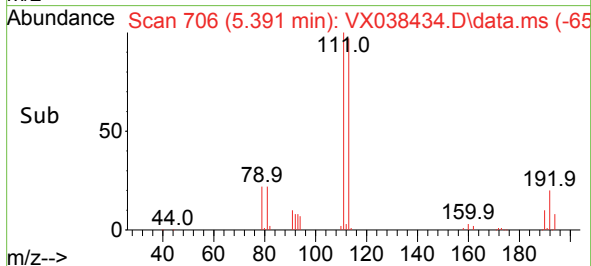
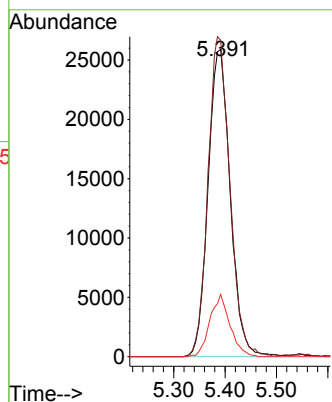
Tgt Ion:113 Resp: 77392

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

192 18.4 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.554 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX038434.D

Acq: 23 Oct 2023 15:51

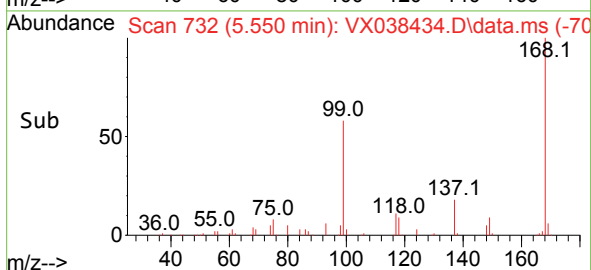
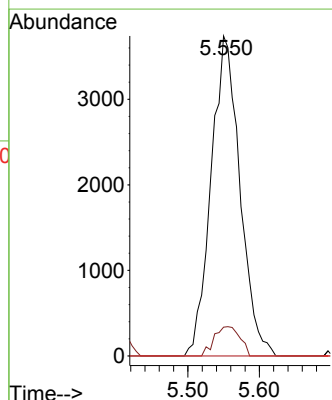
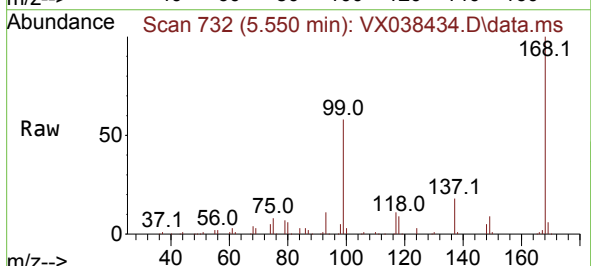
Tgt Ion: 75 Resp: 10480

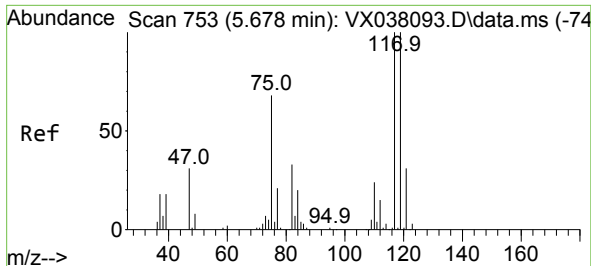
Ion Ratio Lower Upper

75 100

110 8.1 17.0 50.9#

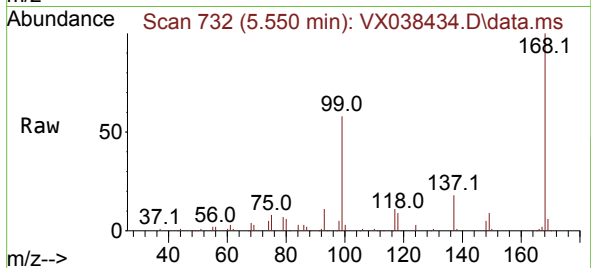
77 0.0 24.7 37.1#



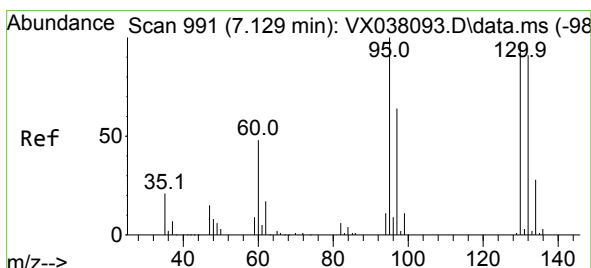
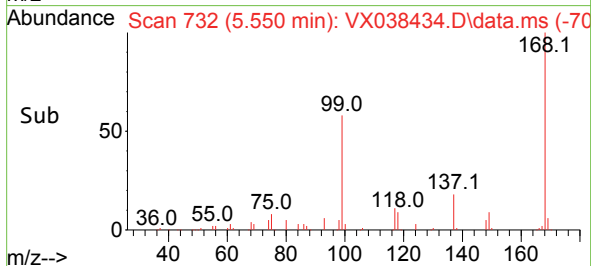
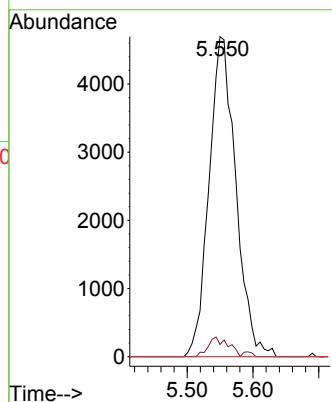


#38
Carbon Tetrachloride
Concen: 5.867 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038434.D
Acq: 23 Oct 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :

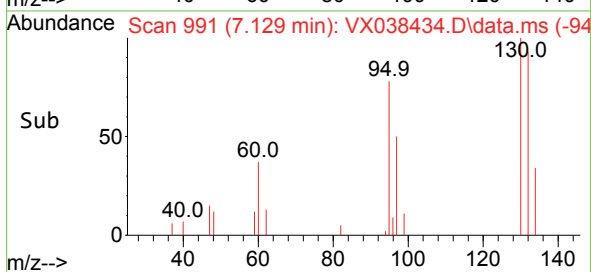
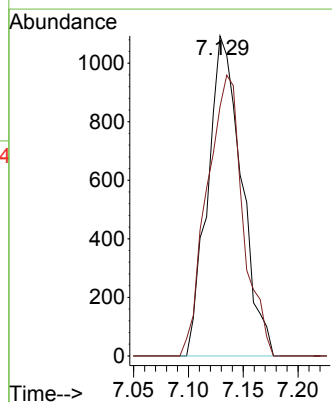
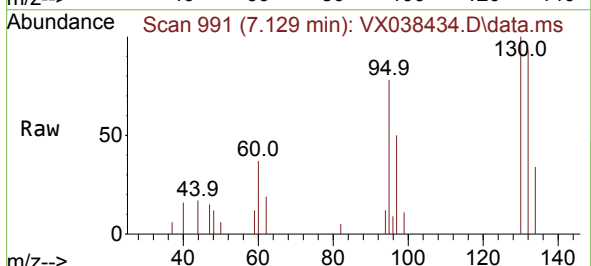


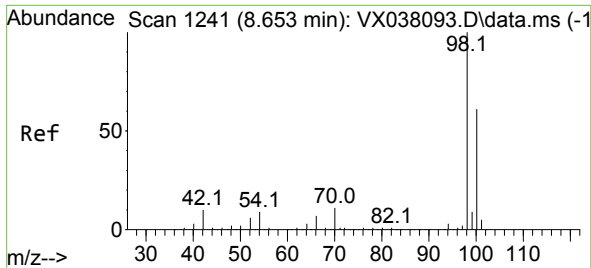
Tgt Ion:117 Resp: 13282
Ion Ratio Lower Upper
117 100
119 3.8 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 1.386 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038434.D
Acq: 23 Oct 2023 15:51

Tgt Ion:130 Resp: 2334
Ion Ratio Lower Upper
130 100
95 78.0 0.0 204.4

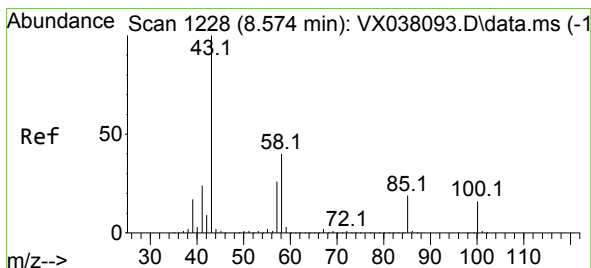
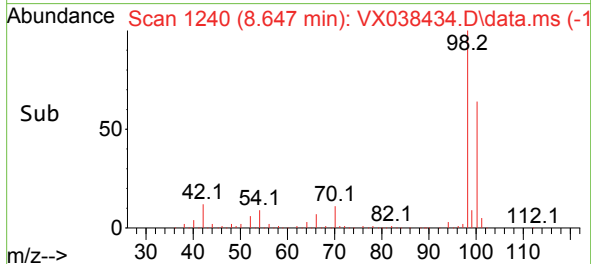
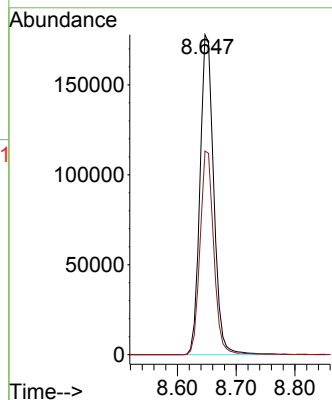
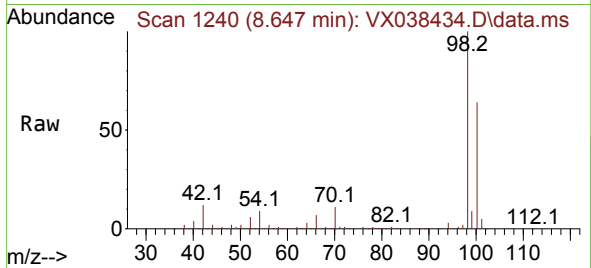




#50
Toluene-d8
Concen: 45.353 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038434.D
Acq: 23 Oct 2023 15:51

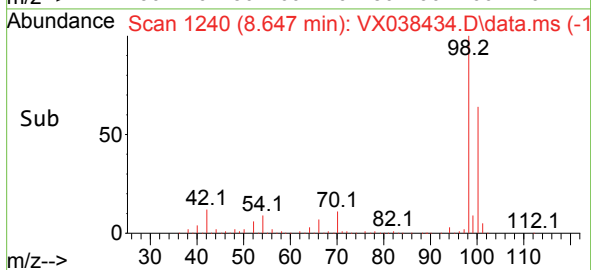
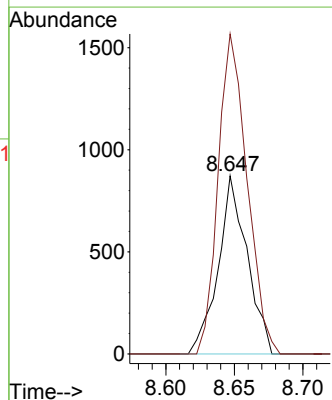
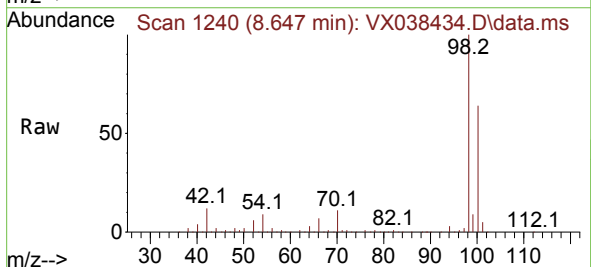
Instrument :
MSVOA_X
ClientSampleId :

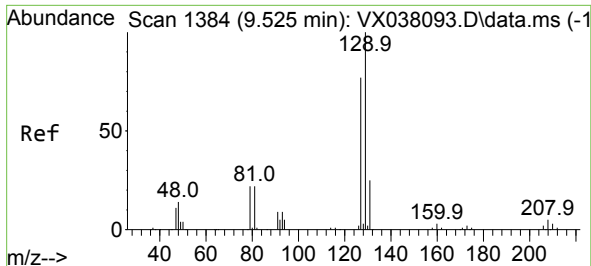
Tgt Ion: 98 Resp: 289218
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.455 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038434.D
Acq: 23 Oct 2023 15:51

Tgt Ion: 43 Resp: 1281
Ion Ratio Lower Upper
43 100
58 179.9 30.4 45.6#

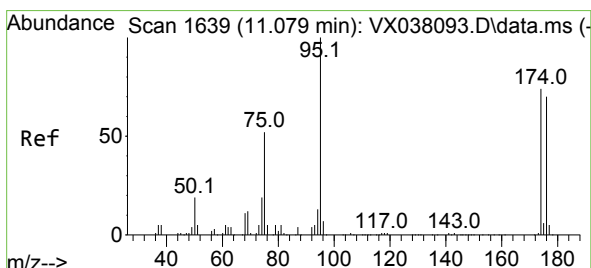
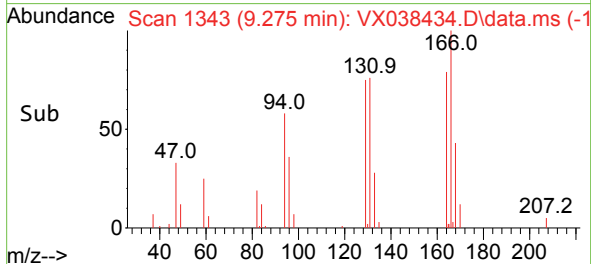
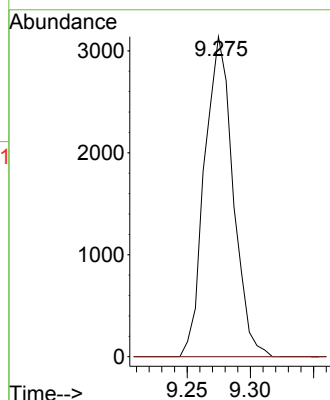
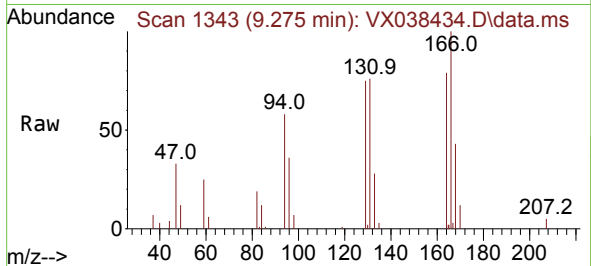




#60
Dibromochloromethane
Concen: 2.809 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX038434.D
Acq: 23 Oct 2023 15:51

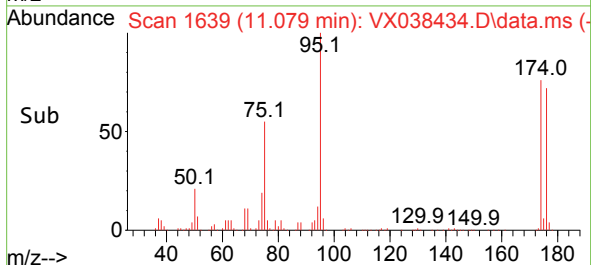
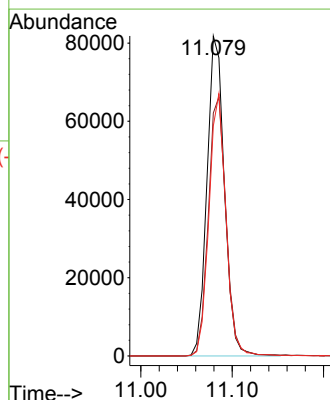
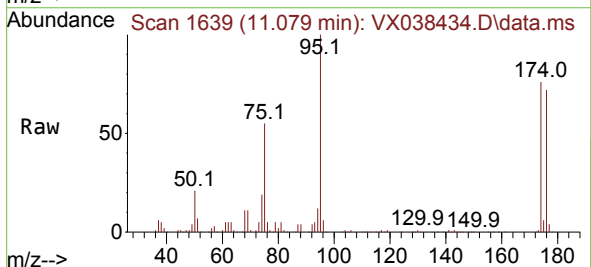
Instrument :
MSVOA_X
ClientSampleId :

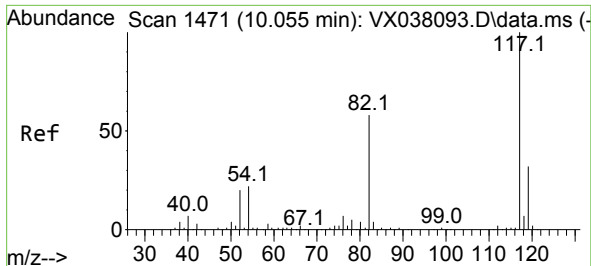
Tgt Ion:129 Resp: 4931
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 44.772 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038434.D
Acq: 23 Oct 2023 15:51

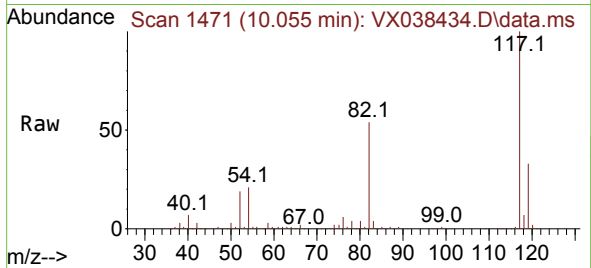
Tgt Ion: 95 Resp: 108241
Ion Ratio Lower Upper
95 100
174 82.5 0.0 135.6
176 79.7 0.0 131.0



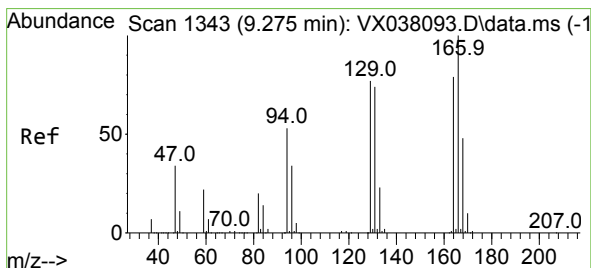
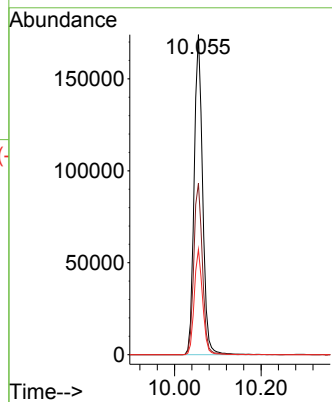
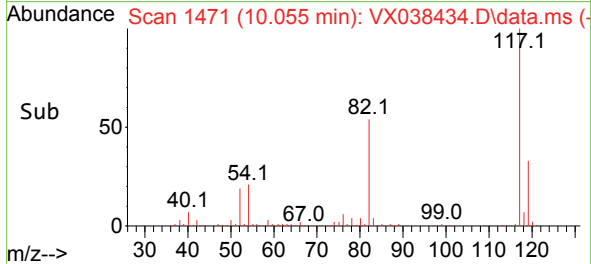


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038434.D
Acq: 23 Oct 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :

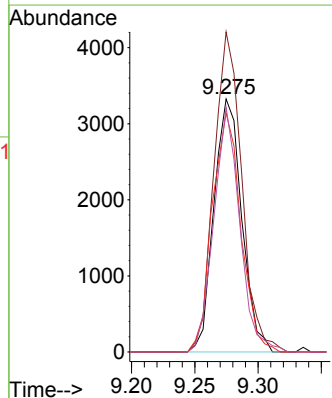
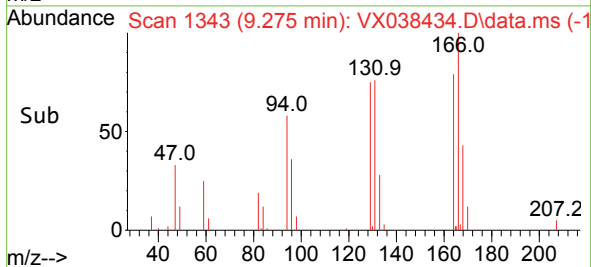
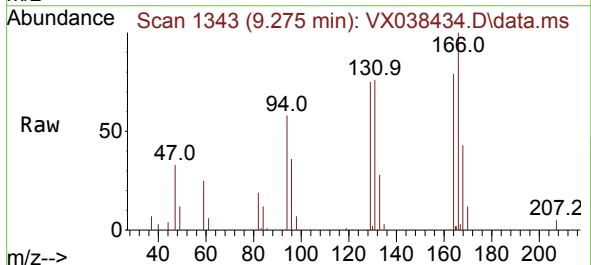


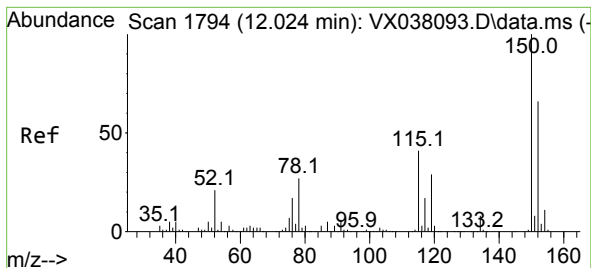
Tgt Ion:117 Resp: 235673
Ion Ratio Lower Upper
117 100
82 53.5 46.2 69.4
119 32.9 25.5 38.3



#64
Tetrachloroethene
Concen: 3.329 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038434.D
Acq: 23 Oct 2023 15:51

Tgt Ion:164 Resp: 5079
Ion Ratio Lower Upper
164 100
166 126.5 102.7 154.1
129 94.4 80.4 120.6
131 96.6 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038434.D

Acq: 23 Oct 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

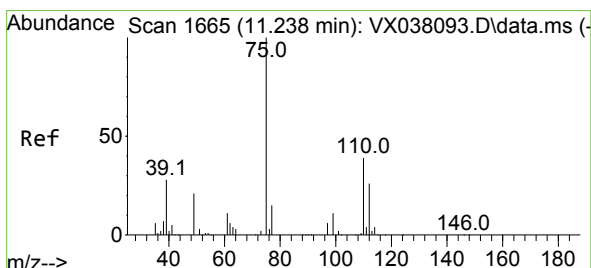
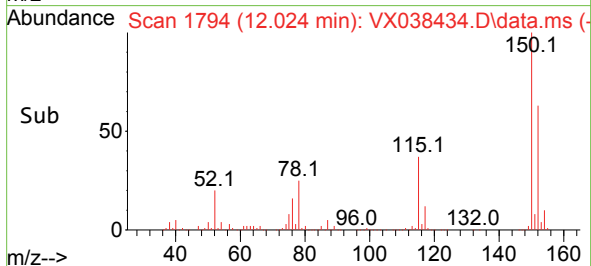
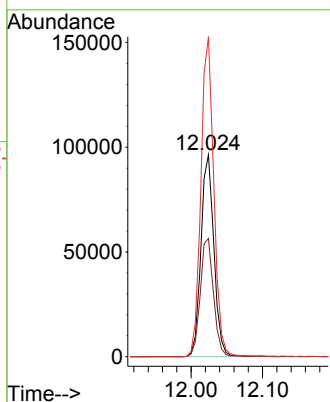
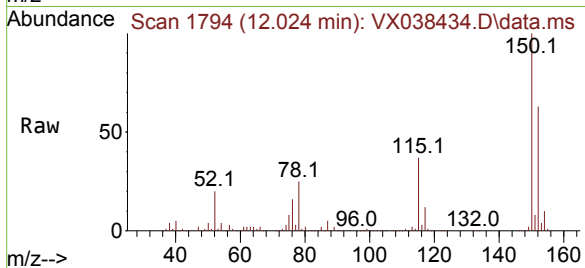
Tgt Ion:152 Resp: 121492

Ion Ratio Lower Upper

152 100

115 59.7 43.3 129.9

150 157.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.402 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038434.D

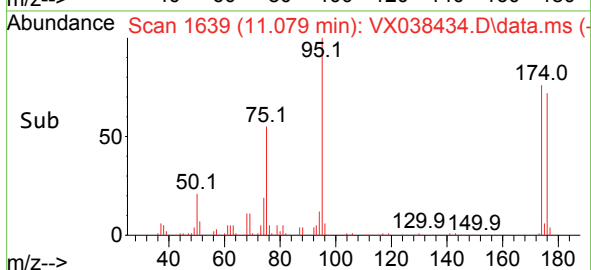
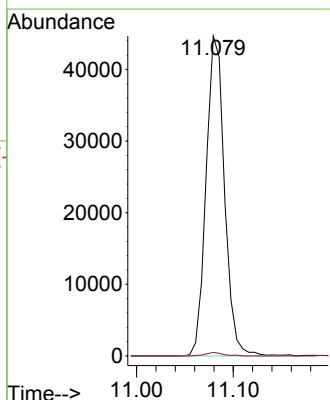
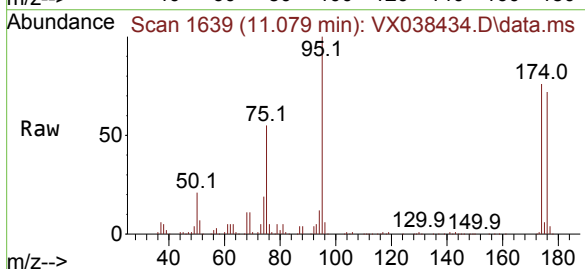
Acq: 23 Oct 2023 15:51

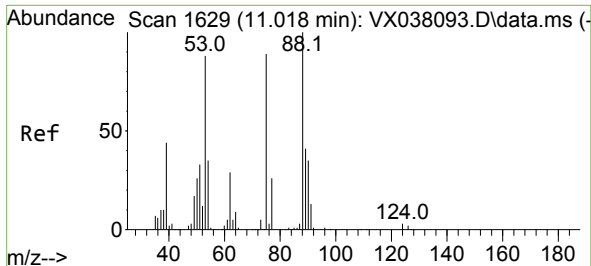
Tgt Ion: 75 Resp: 59112

Ion Ratio Lower Upper

75 100

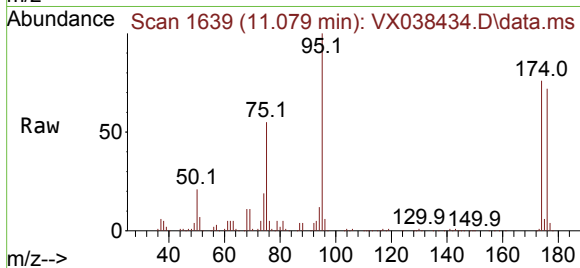
77 1.1 19.1 57.5#



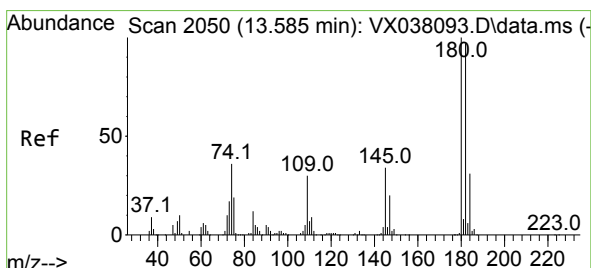
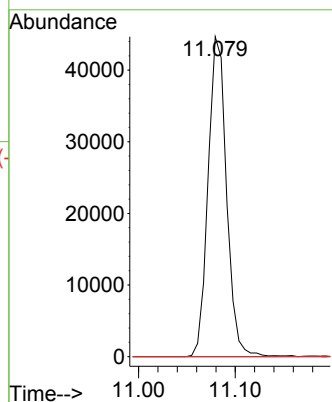
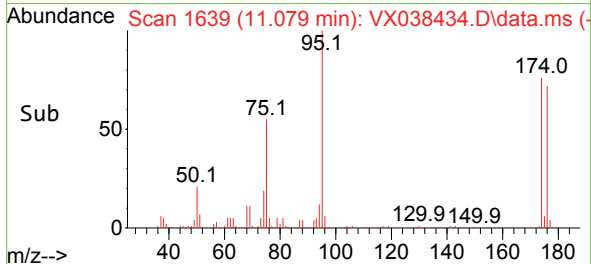


#81
trans-1,4-Dichloro-2-butene
Concen: 61.485 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038434.D
Acq: 23 Oct 2023 15:51

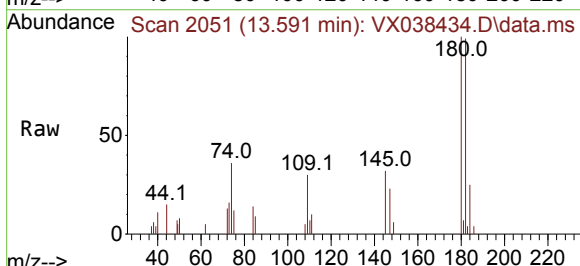
Instrument :
MSVOA_X
ClientSampleId :



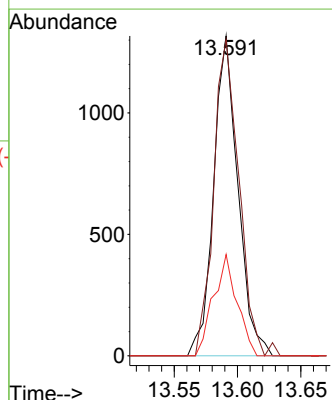
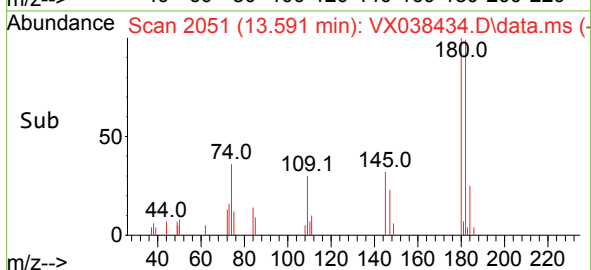
Tgt Ion: 75 Resp: 59112
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

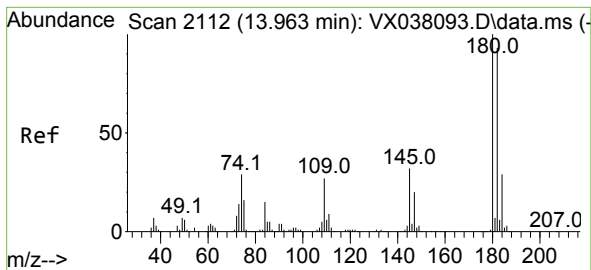


#93
1,2,4-Trichlorobenzene
Concen: 0.682 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX038434.D
Acq: 23 Oct 2023 15:51



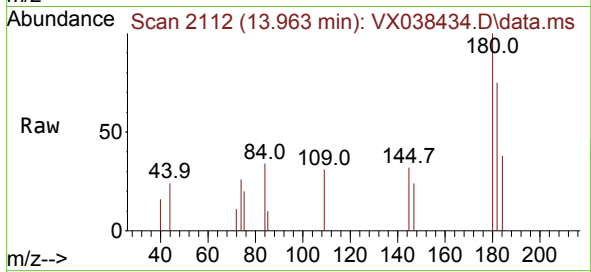
Tgt Ion: 180 Resp: 1758
Ion Ratio Lower Upper
180 100
182 103.0 48.3 144.8
145 30.8 18.0 54.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.259 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX038434.D
 Acq: 23 Oct 2023 15:51

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	647
Ion	Ratio	Lower	Upper
180	100		
182	97.4	46.9	140.6
145	33.2	17.8	53.5

