

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038442.D
 Acq On : 23 Oct 2023 18:56
 Operator : JC/MD
 Sample : 05007-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 24 00:06:51 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)

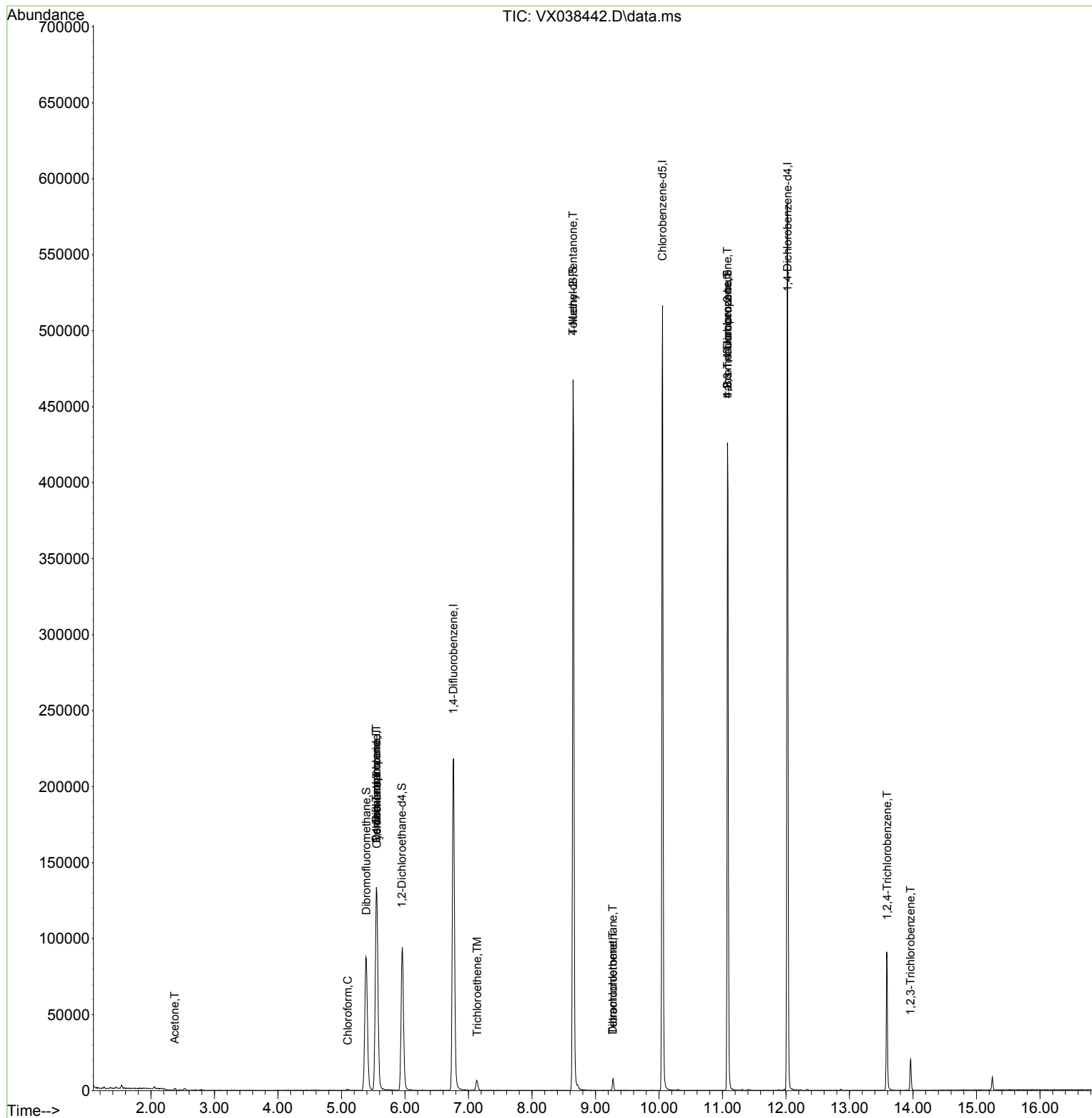
Internal Standards						
1) Pentafluorobenzene	5.550	168	128528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	231762	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91898	44.453	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.900%
35) Dibromofluoromethane	5.391	113	76747	45.957	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.920%
50) Toluene-d8	8.647	98	288010	45.132	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.260%#
62) 4-Bromofluorobenzene	11.079	95	109962	45.452	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.900%
Target Compounds						
					Qvalue	
5) Bromomethane	1.721	94	19	Below Cal	#	3
6) Chloroethane	1.691	64	18	Below Cal	#	43
16) Acetone	2.374	43	1269	1.471	ug/l	93
30) Chloroform	5.099	83	862	0.295	ug/l	95
31) Cyclohexane	5.556	56	2972	1.327	ug/l #	37
36) 1,1-Dichloropropene	5.550	75	10746	4.666	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13751	6.070	ug/l #	15
44) Trichloroethene	7.135	130	2794	1.658	ug/l	86
51) 4-Methyl-2-Pentanone	8.647	43	1148	0.408	ug/l #	1
60) Dibromochloromethane	9.275	129	1333	0.759	ug/l #	11
64) Tetrachloroethene	9.275	164	1333	0.877	ug/l #	80
76) 1,2,3-Trichloropropane	11.079	75	57630	20.224	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	57630	58.322	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	22292	8.388	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	5323	2.069	ug/l	97

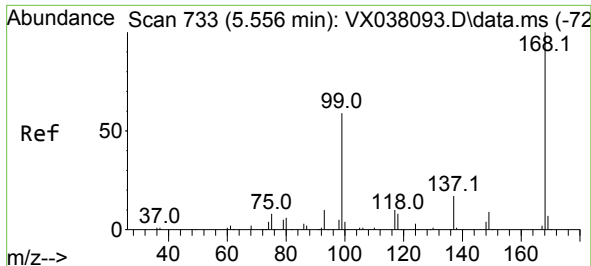
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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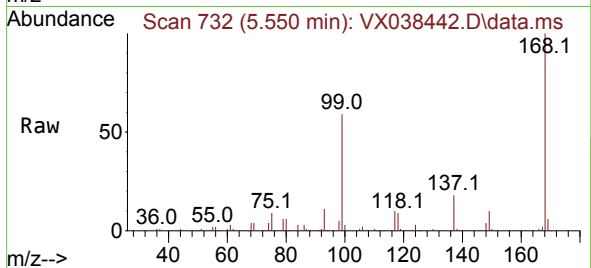
Quant Time: Oct 24 00:06:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



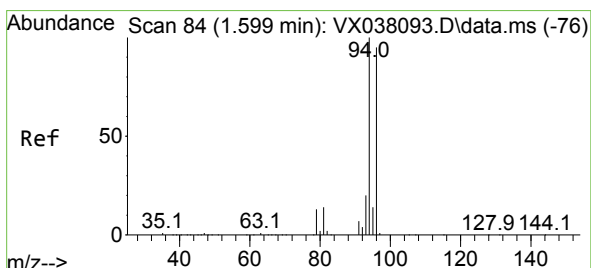
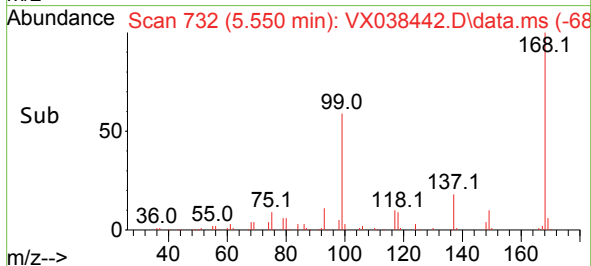
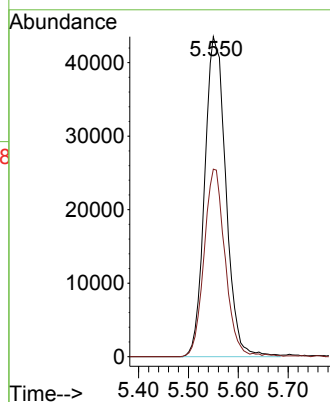


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038442.D
Acq: 23 Oct 2023 18:56

Instrument :
MSVOA_X
ClientSampleId :

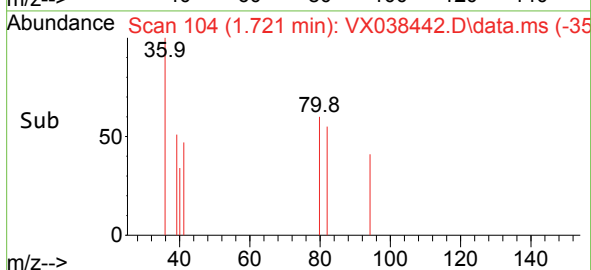
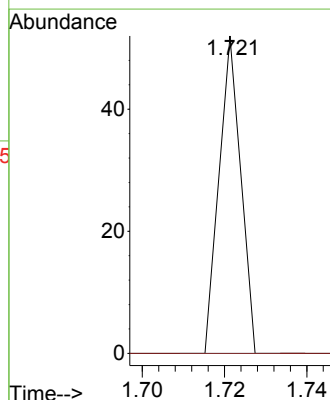
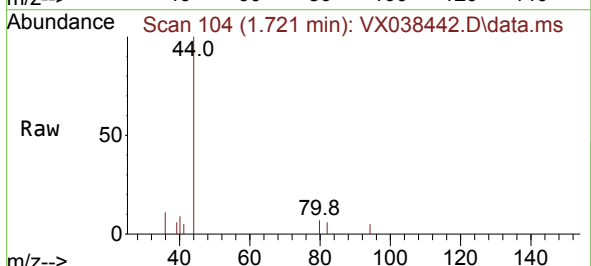


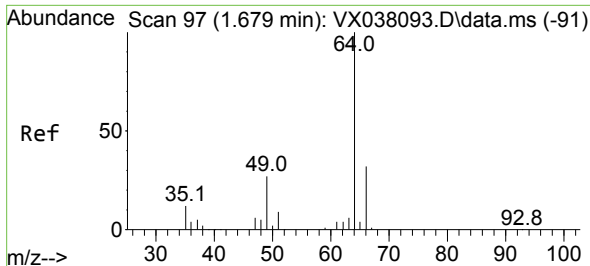
Tgt Ion:168 Resp: 128528
Ion Ratio Lower Upper
168 100
99 58.6 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.721 min Scan# 104
Delta R.T. 0.122 min
Lab File: VX038442.D
Acq: 23 Oct 2023 18:56

Tgt Ion: 94 Resp: 19
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

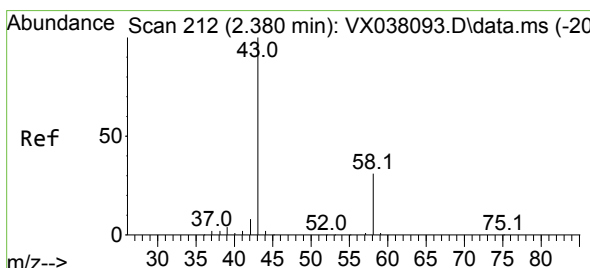
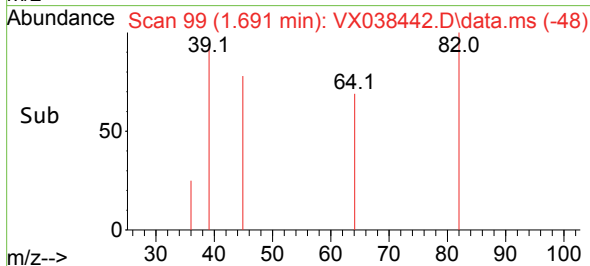
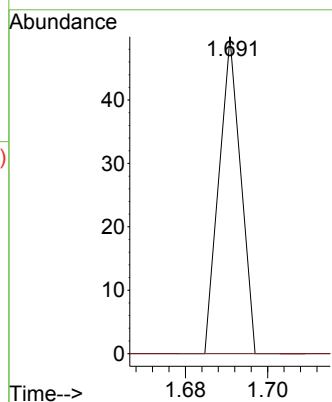
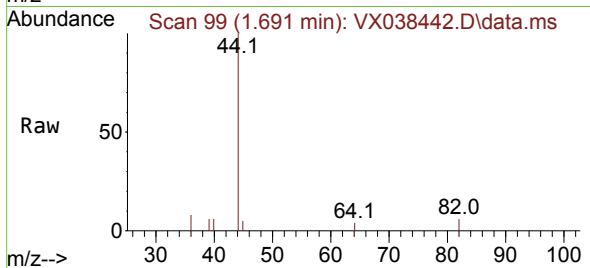




#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX038442.D
Acq: 23 Oct 2023 18:56

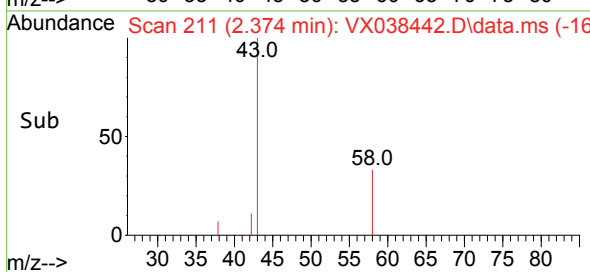
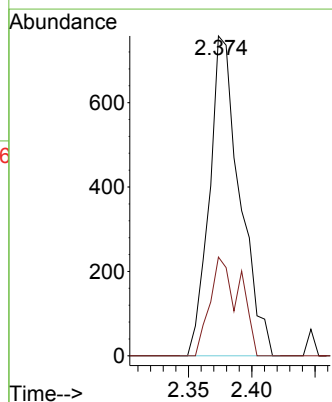
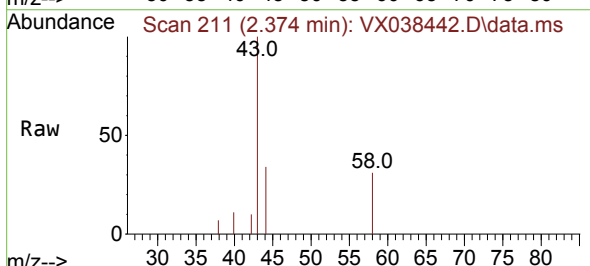
Instrument :
MSVOA_X
ClientSampleId :

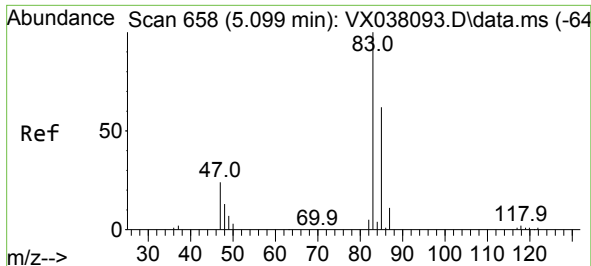
Tgt Ion: 64 Resp: 18
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 1.471 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038442.D
Acq: 23 Oct 2023 18:56

Tgt Ion: 43 Resp: 1269
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9





#30

Chloroform

Concen: 0.295 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX038442.D

Acq: 23 Oct 2023 18:56

Instrument :

MSVOA_X

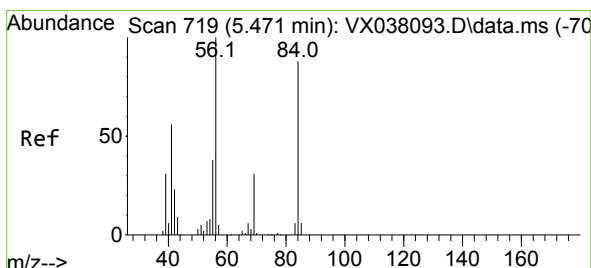
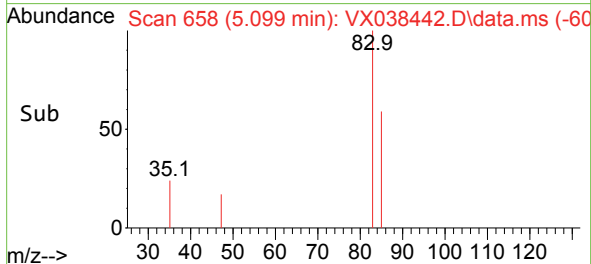
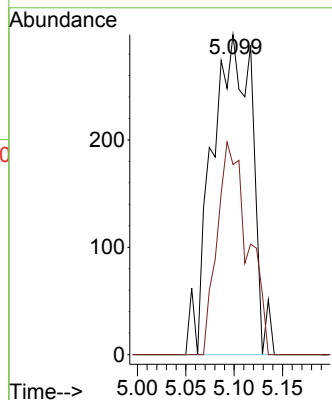
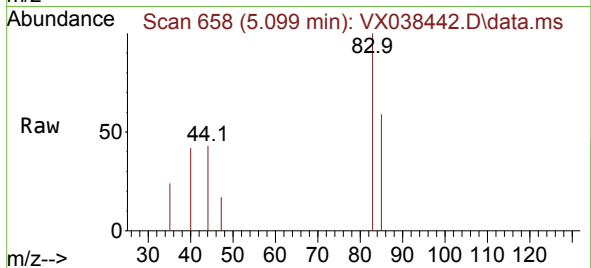
ClientSampleId :

Tgt Ion: 83 Resp: 862

Ion Ratio Lower Upper

83 100

85 59.4 50.3 75.5



#31

Cyclohexane

Concen: 1.327 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX038442.D

Acq: 23 Oct 2023 18:56

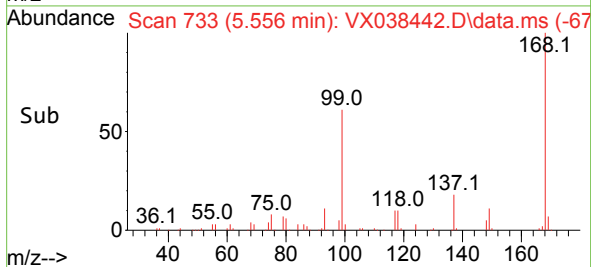
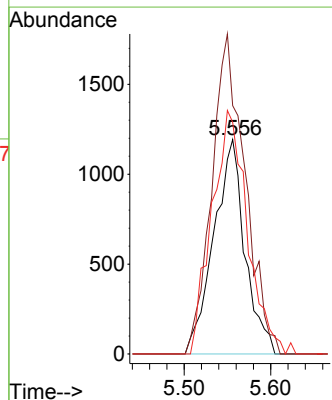
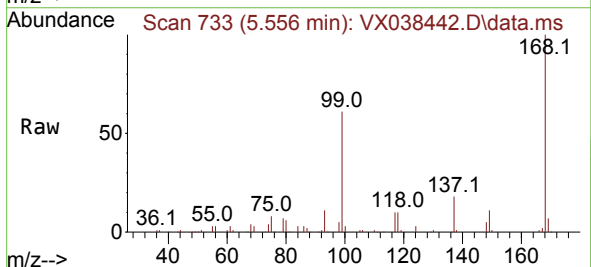
Tgt Ion: 56 Resp: 2972

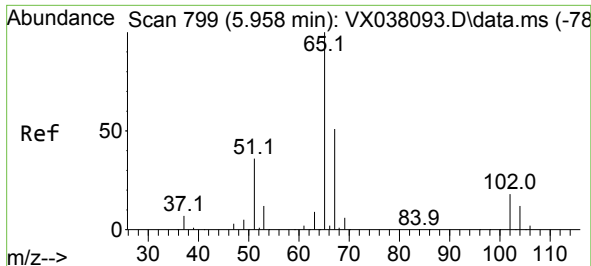
Ion Ratio Lower Upper

56 100

69 115.8 23.4 35.2#

84 108.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.453 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038442.D

Acq: 23 Oct 2023 18:56

Instrument :

MSVOA_X

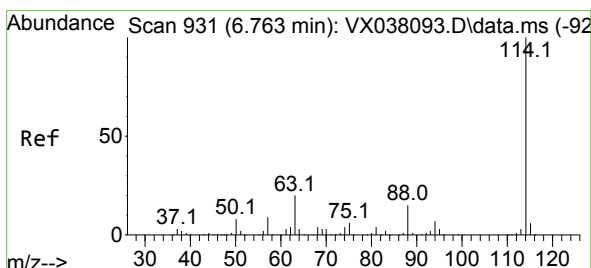
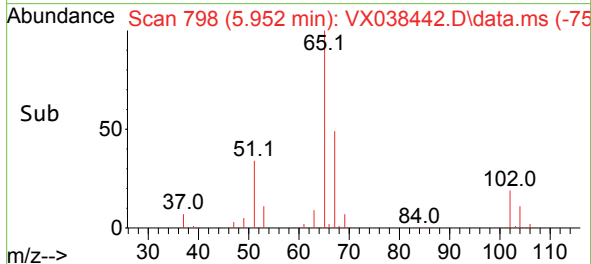
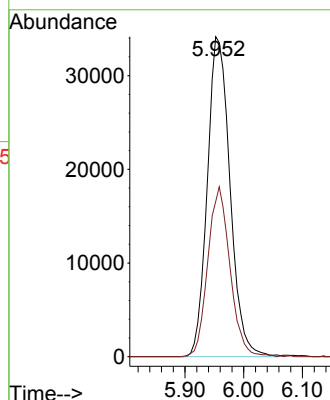
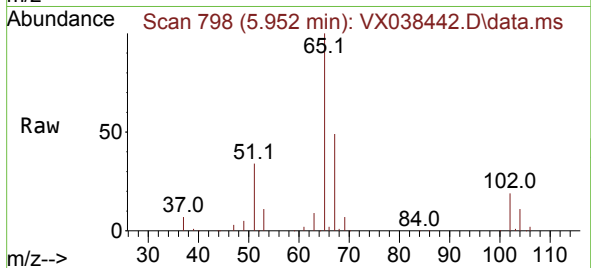
ClientSampleId :

Tgt Ion: 65 Resp: 91898

Ion Ratio Lower Upper

65 100

67 51.8 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: VX038442.D

Acq: 23 Oct 2023 18:56

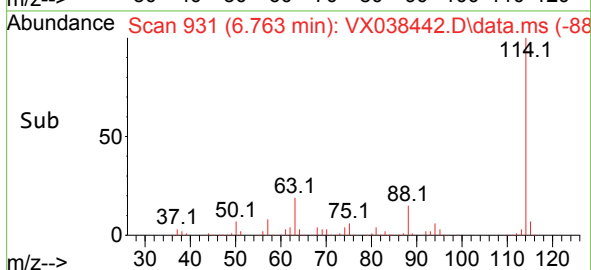
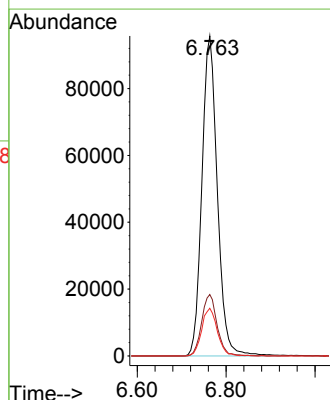
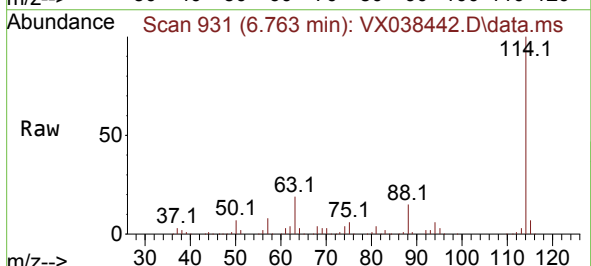
Tgt Ion:114 Resp: 231762

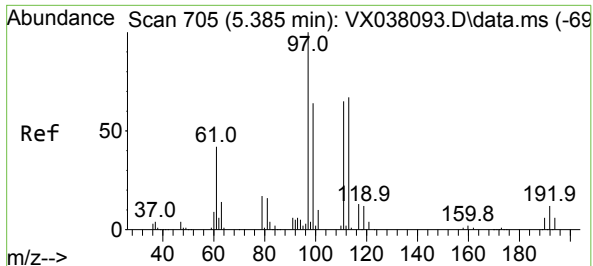
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

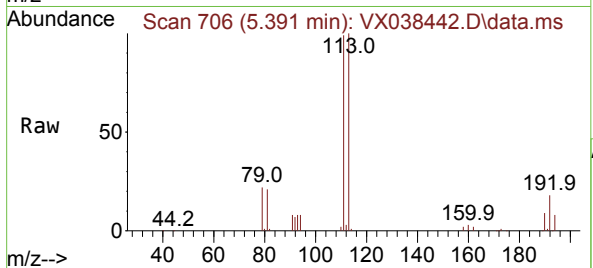
88 14.9 0.0 36.6



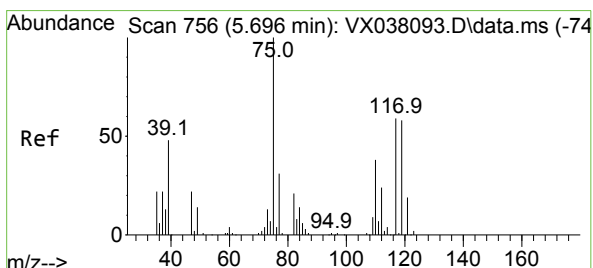
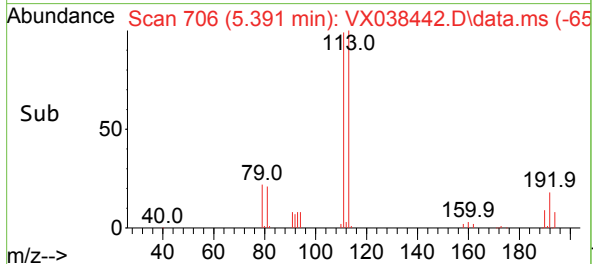
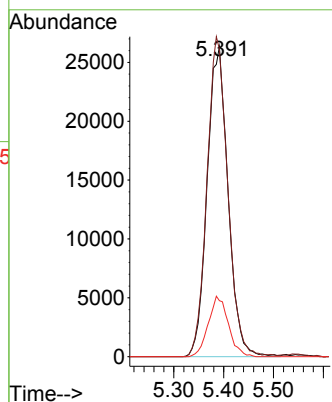


#35
Dibromofluoromethane
Concen: 45.957 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038442.D
Acq: 23 Oct 2023 18:56

Instrument :
MSVOA_X
ClientSampleId :

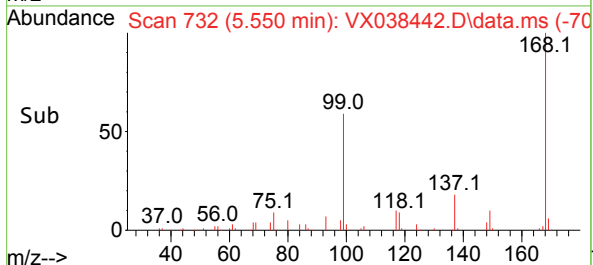
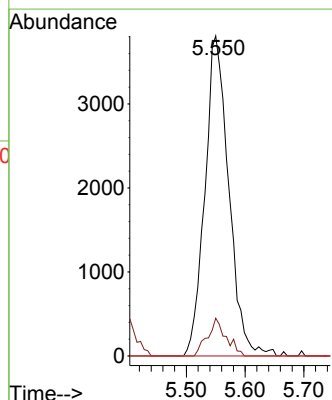
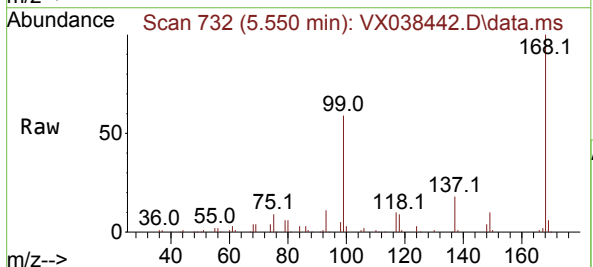


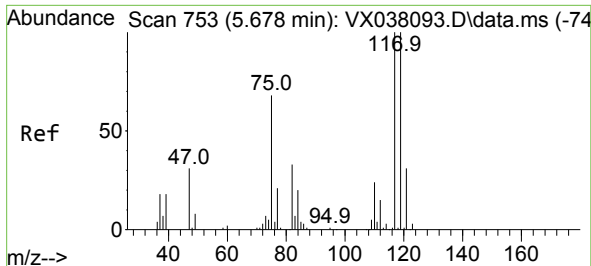
Tgt Ion:113 Resp: 76747
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.666 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038442.D
Acq: 23 Oct 2023 18:56

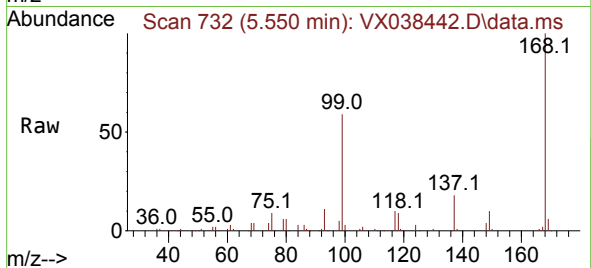
Tgt Ion: 75 Resp: 10746
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



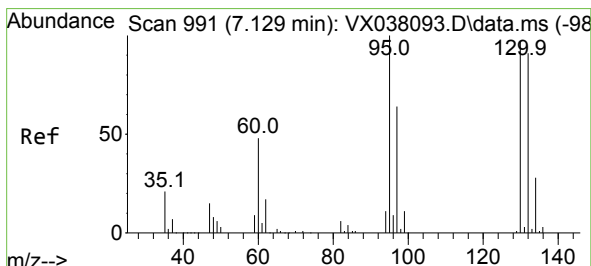
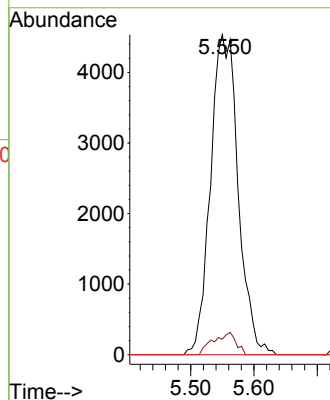
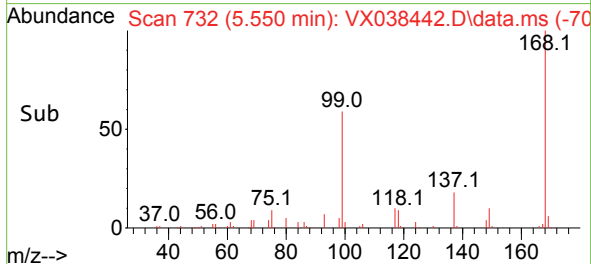


#38
Carbon Tetrachloride
Concen: 6.070 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038442.D
Acq: 23 Oct 2023 18:56

Instrument :
MSVOA_X
ClientSampleId :

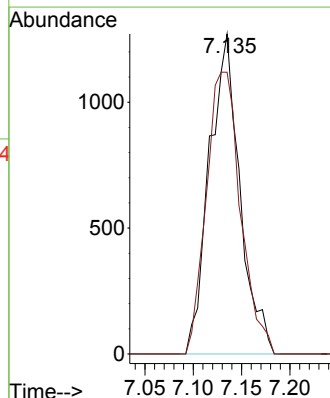
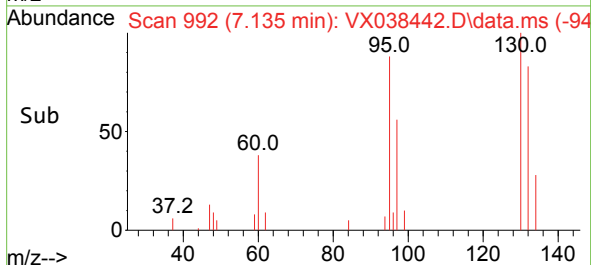
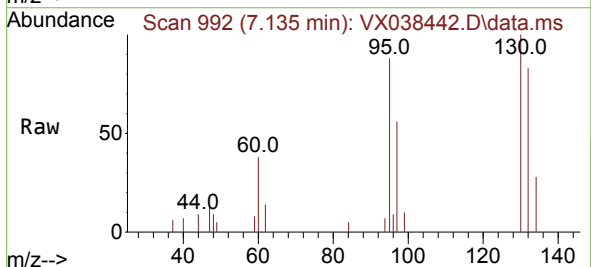


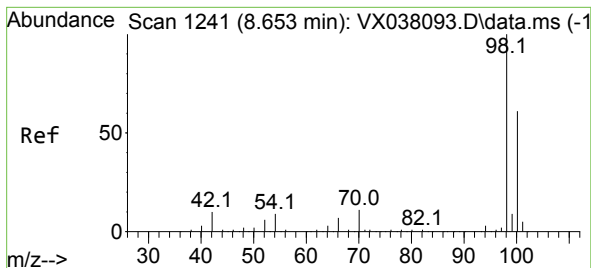
Tgt Ion:117 Resp: 13751
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 1.658 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX038442.D
Acq: 23 Oct 2023 18:56

Tgt Ion:130 Resp: 2794
Ion Ratio Lower Upper
130 100
95 88.0 0.0 204.4





#50

Toluene-d8

Concen: 45.132 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038442.D

Acq: 23 Oct 2023 18:56

Instrument :

MSVOA_X

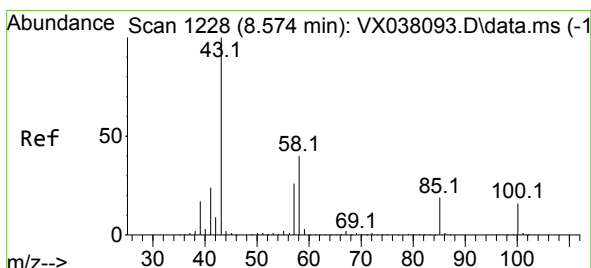
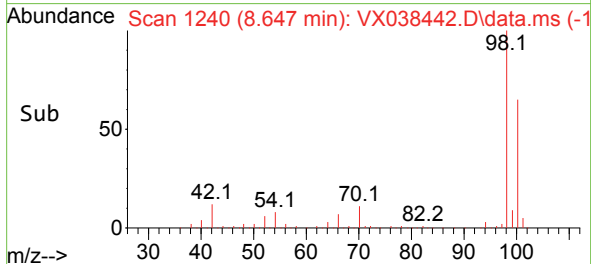
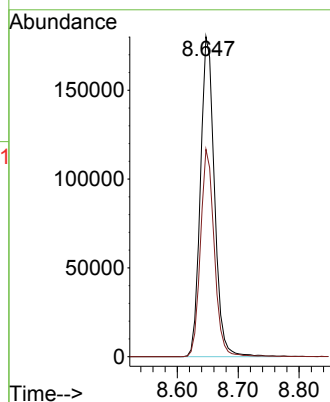
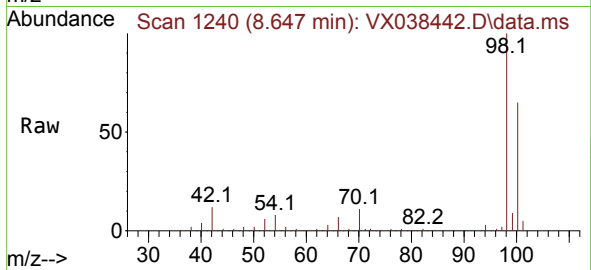
ClientSampleId :

Tgt Ion: 98 Resp: 288010

Ion Ratio Lower Upper

98 100

100 64.1 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.408 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX038442.D

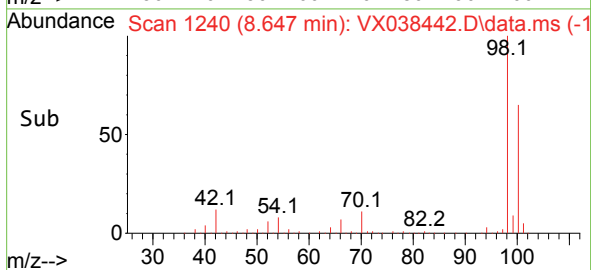
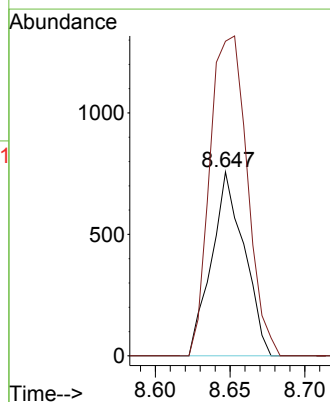
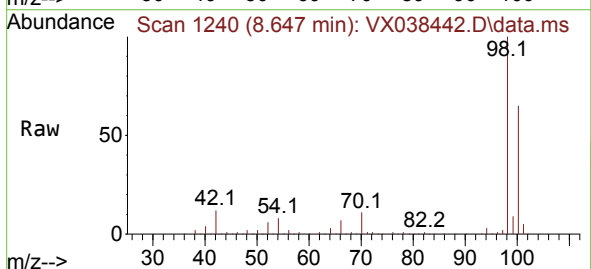
Acq: 23 Oct 2023 18:56

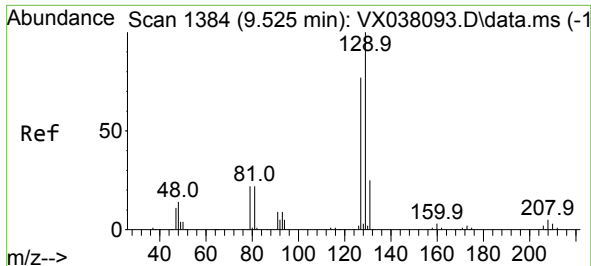
Tgt Ion: 43 Resp: 1148

Ion Ratio Lower Upper

43 100

58 199.0 30.4 45.6#

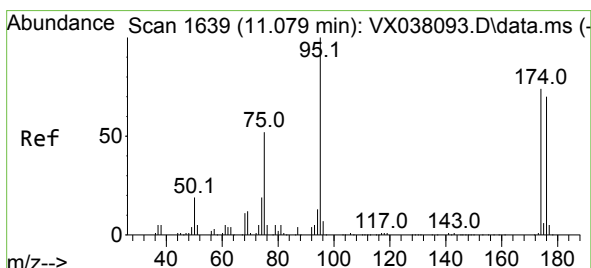
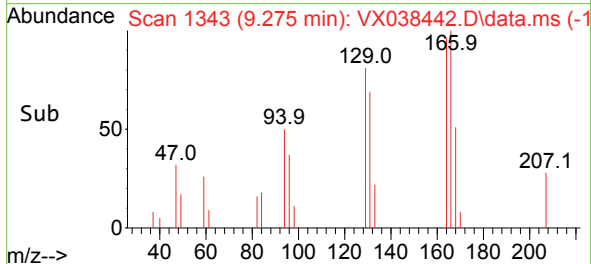
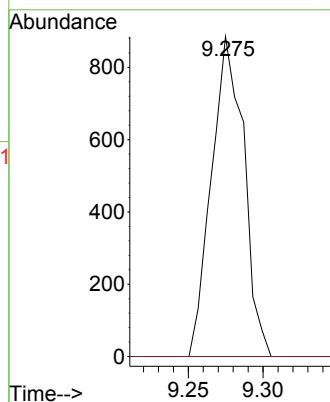
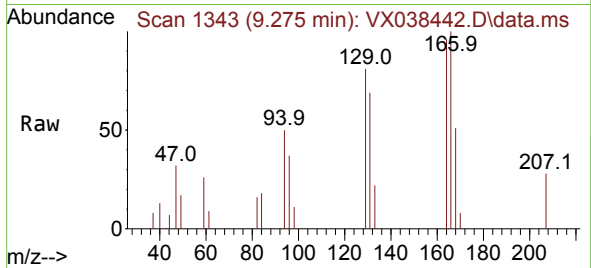




#60
Dibromochloromethane
Concen: 0.759 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX038442.D
Acq: 23 Oct 2023 18:56

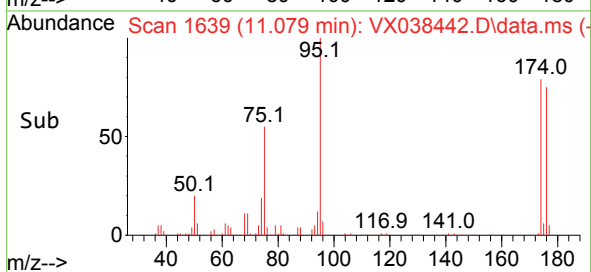
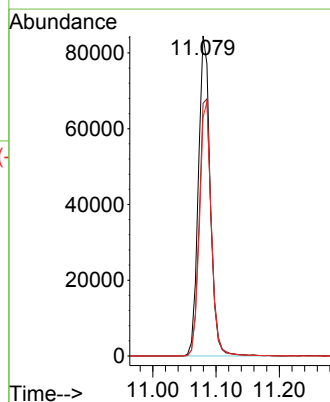
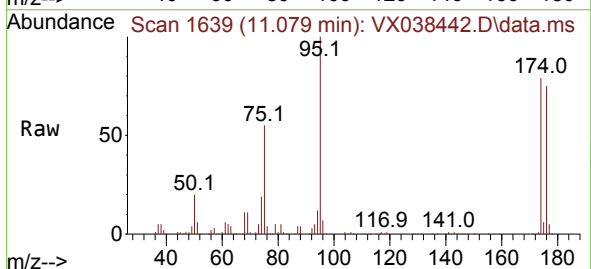
Instrument :
MSVOA_X
ClientSampleId :

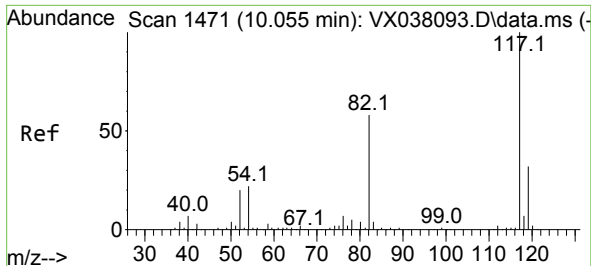
Tgt Ion:129 Resp: 1333
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 45.452 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038442.D
Acq: 23 Oct 2023 18:56

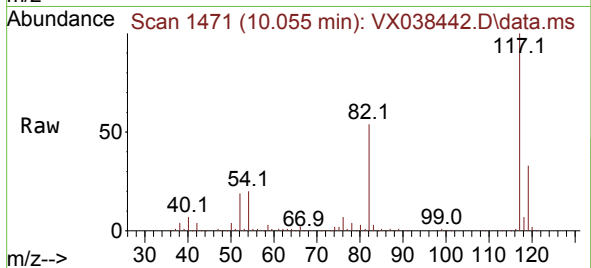
Tgt Ion: 95 Resp: 109962
Ion Ratio Lower Upper
95 100
174 82.5 0.0 135.6
176 78.9 0.0 131.0



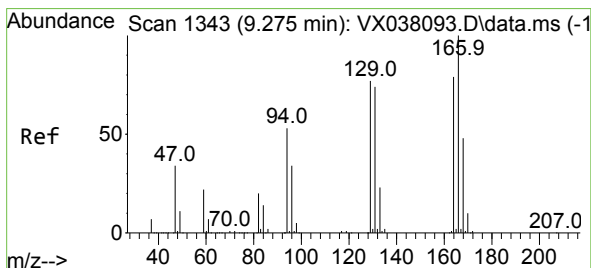
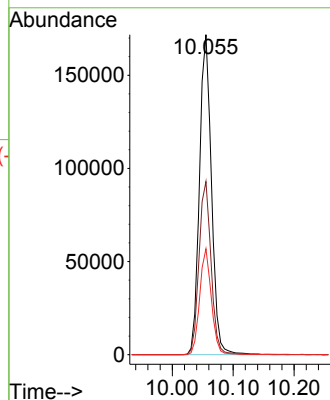
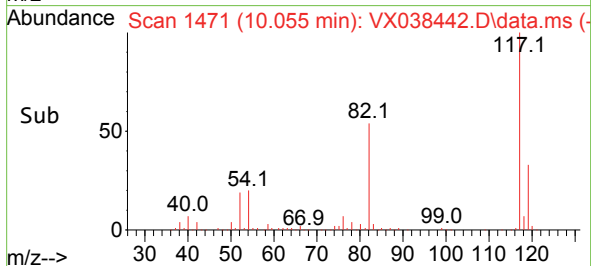


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038442.D
Acq: 23 Oct 2023 18:56

Instrument :
MSVOA_X
ClientSampleId :

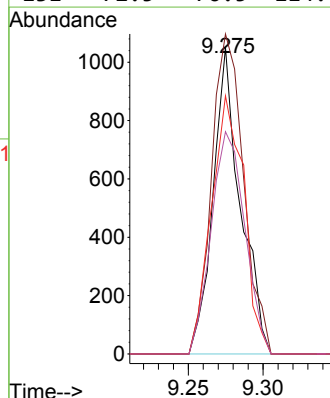
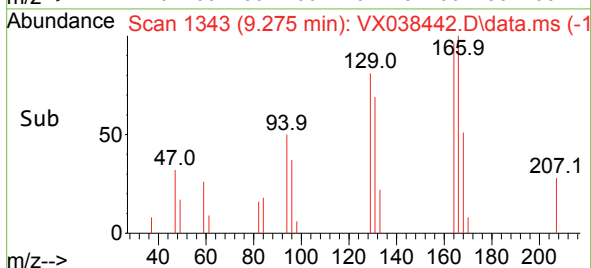
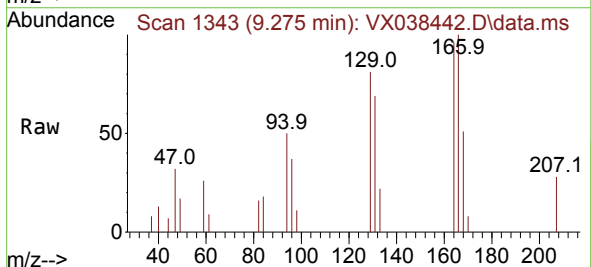


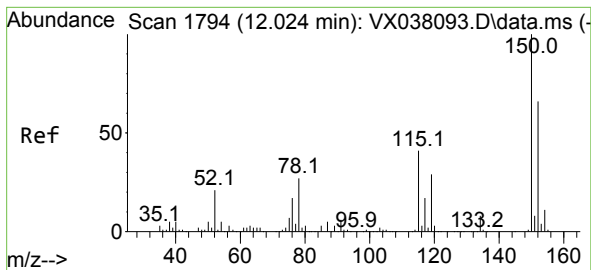
Tgt Ion:117 Resp: 234790
Ion Ratio Lower Upper
117 100
82 54.1 46.2 69.4
119 33.1 25.5 38.3



#64
Tetrachloroethene
Concen: 0.877 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038442.D
Acq: 23 Oct 2023 18:56

Tgt Ion:164 Resp: 1333
Ion Ratio Lower Upper
164 100
166 104.4 102.7 154.1
129 84.2 80.4 120.6
131 72.5 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: VX038442.D

Acq: 23 Oct 2023 18:56

Instrument :

MSVOA_X

ClientSampleId :

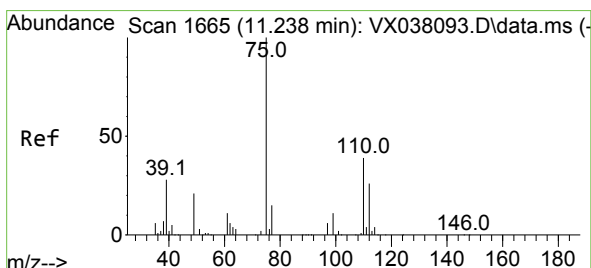
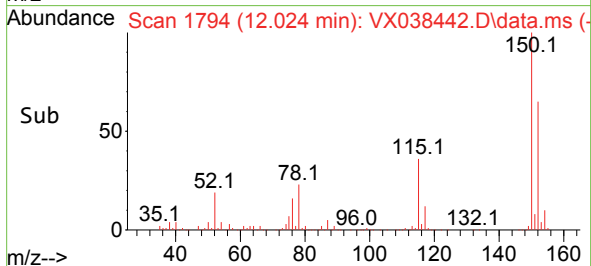
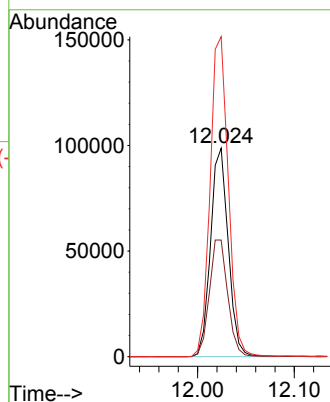
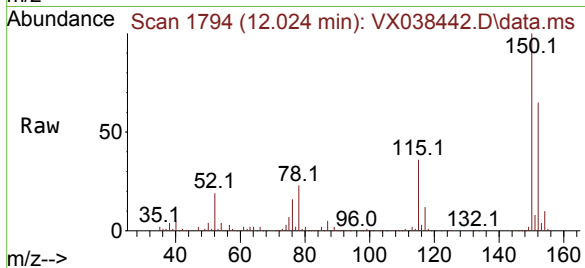
Tgt Ion:152 Resp: 125347

Ion Ratio Lower Upper

152 100

115 58.5 43.3 129.9

150 158.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 20.224 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038442.D

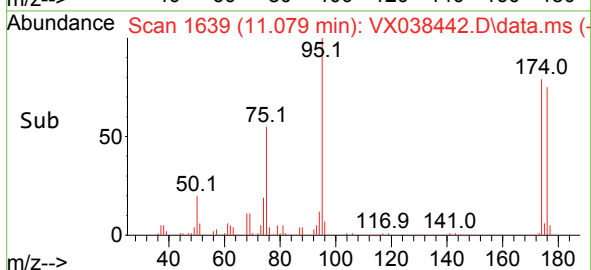
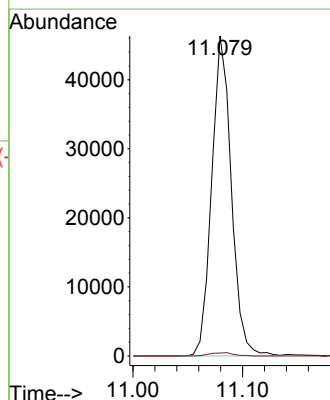
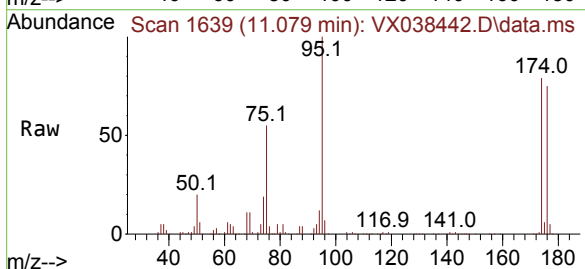
Acq: 23 Oct 2023 18:56

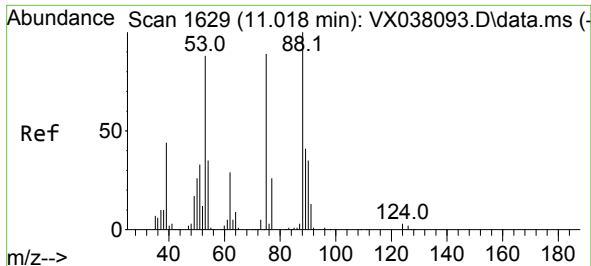
Tgt Ion: 75 Resp: 57630

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#

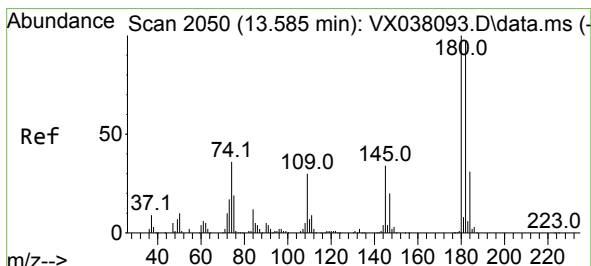
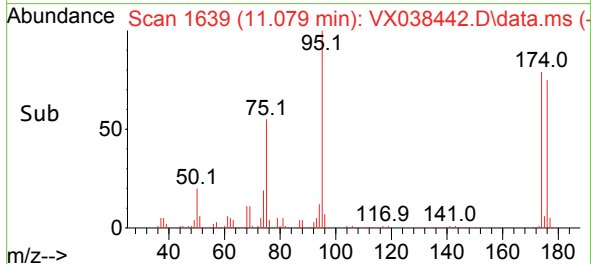
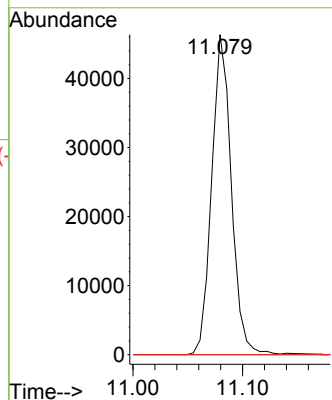
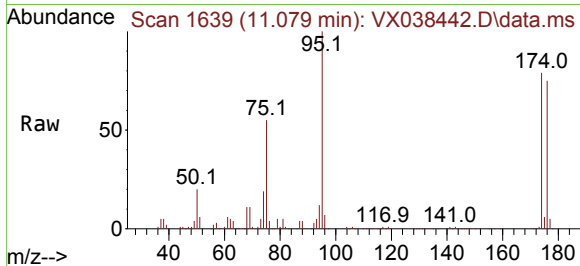




#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.322 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038442.D
 Acq: 23 Oct 2023 18:56

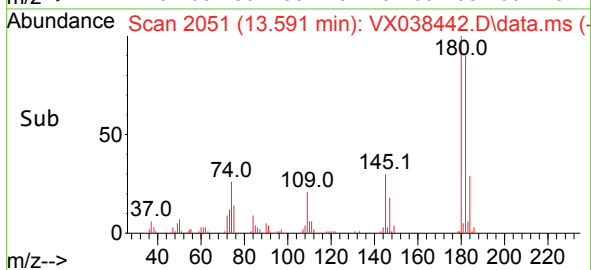
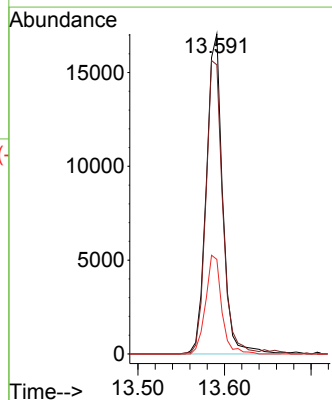
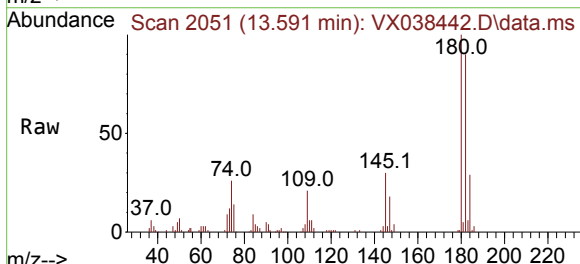
Instrument :
 MSVOA_X
 ClientSampleId :

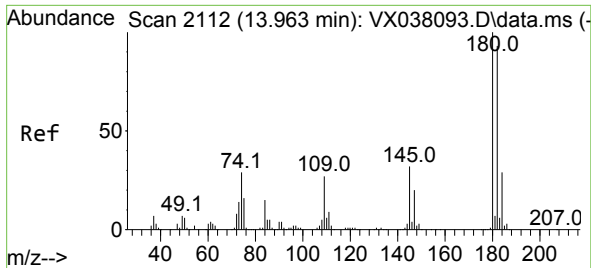
Tgt Ion: 75 Resp: 57630
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 8.388 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX038442.D
 Acq: 23 Oct 2023 18:56

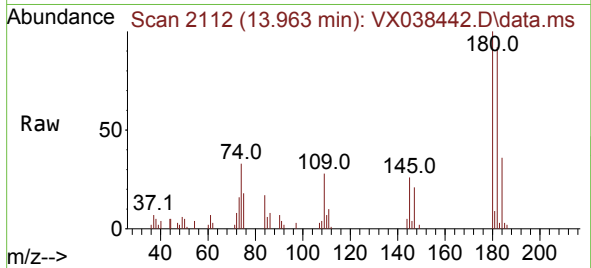
Tgt Ion:180 Resp: 22292
 Ion Ratio Lower Upper
 180 100
 182 94.1 48.3 144.8
 145 30.2 18.0 54.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.069 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX038442.D
 Acq: 23 Oct 2023 18:56

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	5323
Ion	Ratio	Lower	Upper
180	100		
182	95.1	46.9	140.6
145	31.8	17.8	53.5

