

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038258.D
 Acq On : 12 Oct 2023 15:50
 Operator : JC/MD
 Sample : 04875-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 13 04:51:47 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)

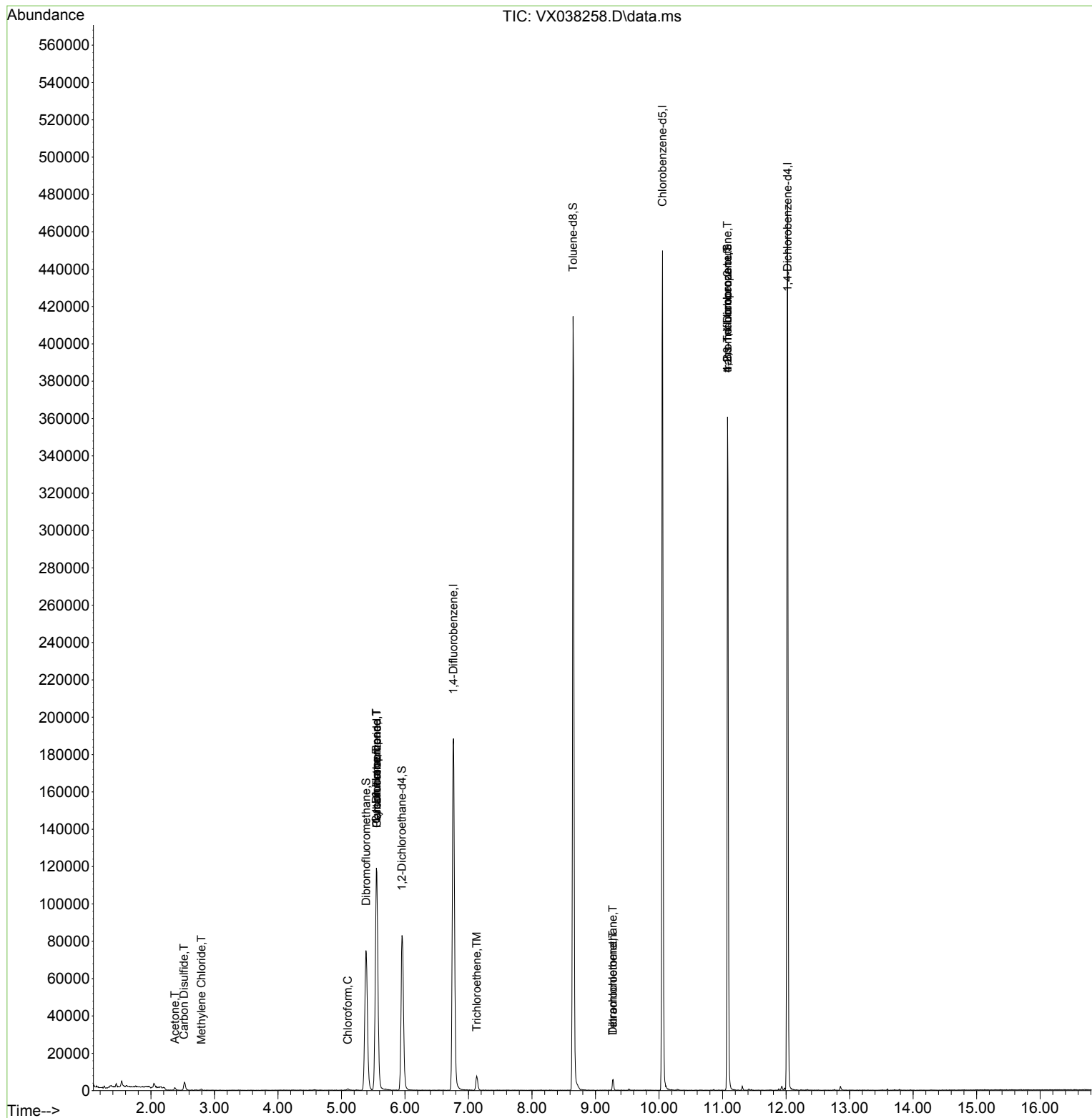
Internal Standards						
1) Pentafluorobenzene	5.556	168	111786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197407	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82499	45.884	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.760%
35) Dibromofluoromethane	5.385	113	64043	45.023	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.040%
50) Toluene-d8	8.647	98	247329	45.502	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.000%#
62) 4-Bromofluorobenzene	11.079	95	92941	45.103	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.200%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	100	Below Cal	#	3
6) Chloroethane	1.685	64	100	Below Cal	#	43
16) Acetone	2.380	43	1398	1.863	ug/l #	84
17) Carbon Disulfide	2.520	76	987	0.335	ug/l #	76
20) Methylene Chloride	2.794	84	321	0.227	ug/l #	64
30) Chloroform	5.099	83	864	0.340	ug/l #	78
31) Cyclohexane	5.550	56	2833	1.454	ug/l #	25
36) 1,1-Dichloropropene	5.550	75	9443	4.814	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11803	6.117	ug/l #	14
44) Trichloroethene	7.129	130	2914	2.031	ug/l	98
60) Dibromochloromethane	9.275	129	733	0.490	ug/l #	11
64) Tetrachloroethene	9.275	164	964	0.751	ug/l #	75
76) 1,2,3-Trichloropropane	11.079	75	50343	22.395	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	50343	64.149	ug/l #	5

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

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Quant Time: Oct 13 04:51:47 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

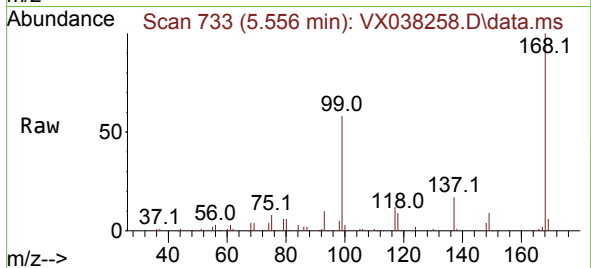
Lab File: VX038258.D

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Instrument :

MSVOA_X

ClientSampleId :

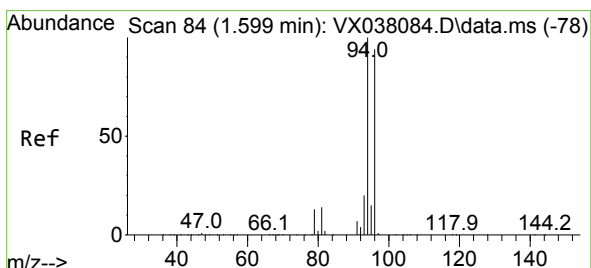
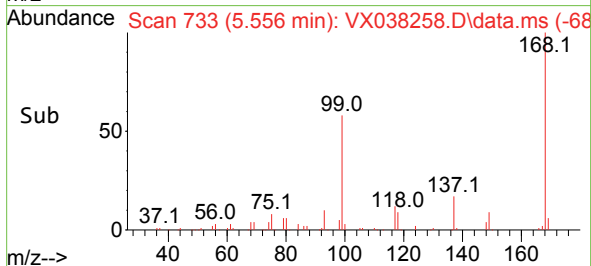
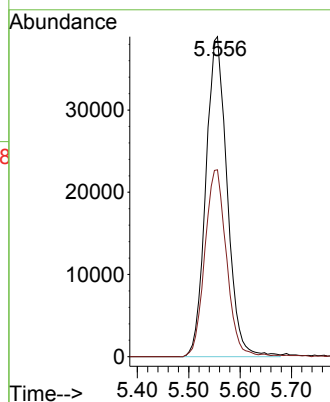


Tgt Ion:168 Resp: 111786

Ion Ratio Lower Upper

168 100

99 58.4 56.6 85.0



#5

Bromomethane

Concen: Below Cal

RT: 1.612 min Scan# 86

Delta R.T. 0.013 min

Lab File: VX038258.D

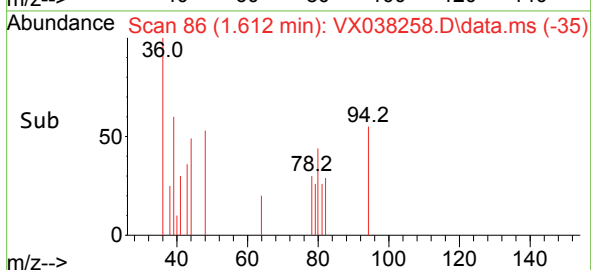
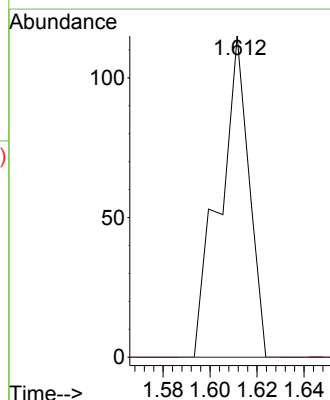
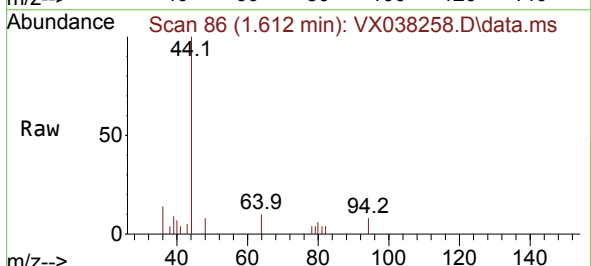
Acq: 12 Oct 2023 15:50

Tgt Ion: 94 Resp: 100

Ion Ratio Lower Upper

94 100

96 0.0 74.6 111.8#

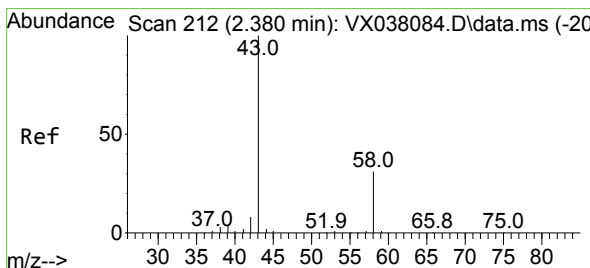
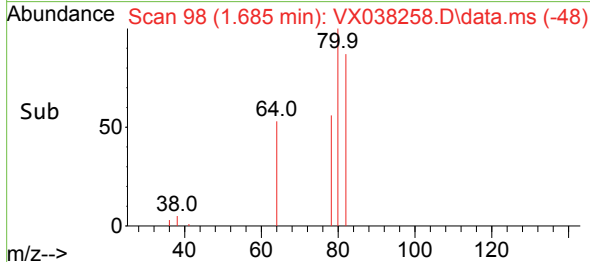
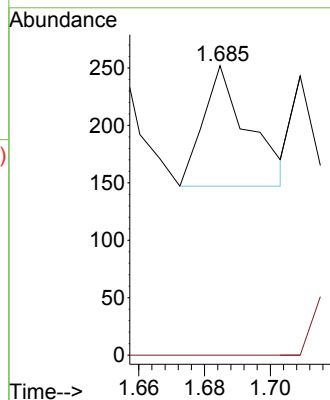
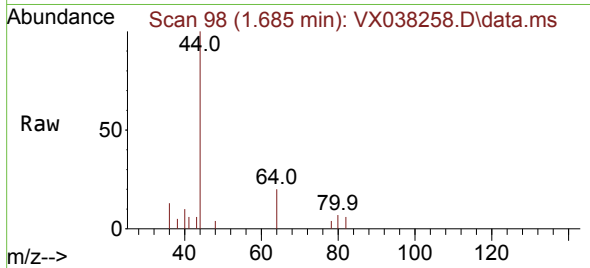




#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX038258.D
Acq: 12 Oct 2023 15:50

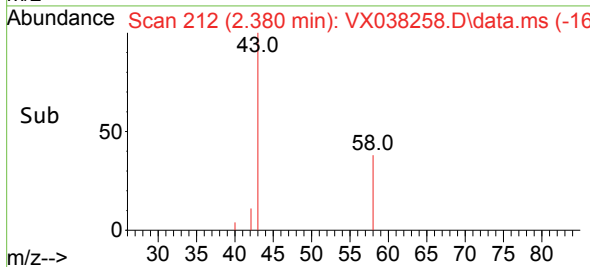
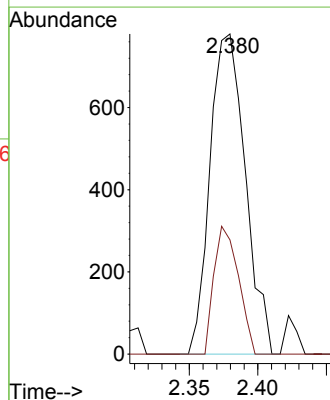
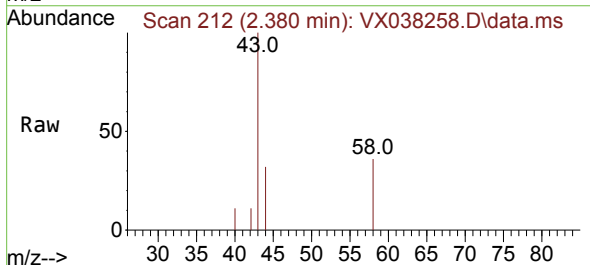
Instrument :
MSVOA_X
ClientSampleId :

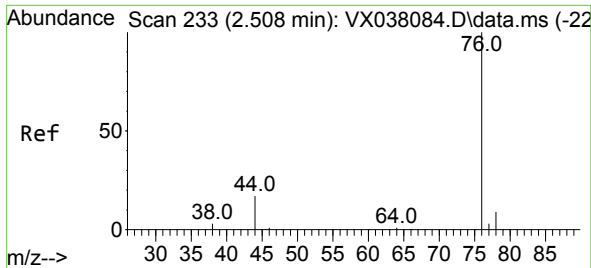
Tgt Ion: 64 Resp: 100
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 1.863 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038258.D
Acq: 12 Oct 2023 15:50

Tgt Ion: 43 Resp: 1398
Ion Ratio Lower Upper
43 100
58 35.7 21.9 32.9#

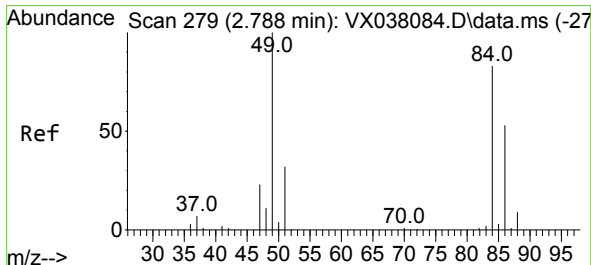
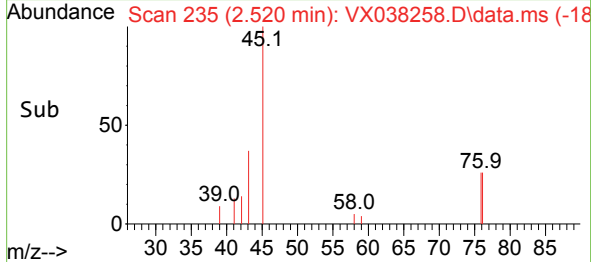
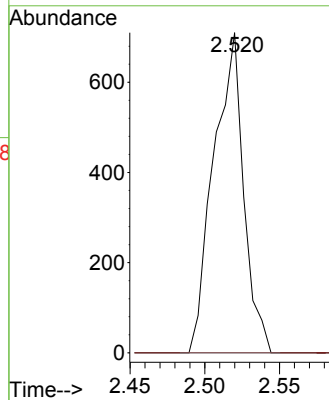
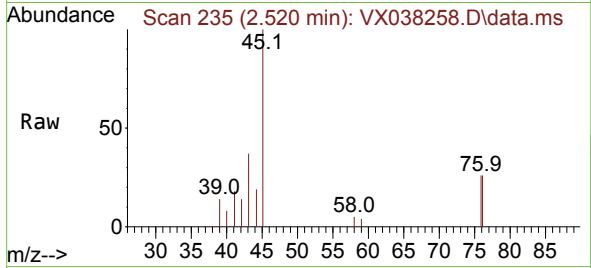




#17
Carbon Disulfide
Concen: 0.335 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX038258.D
Acq: 12 Oct 2023 15:50

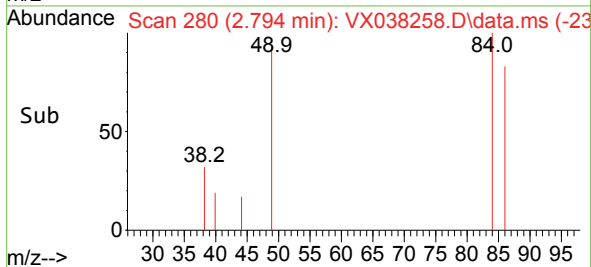
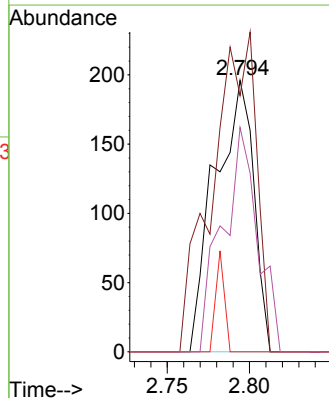
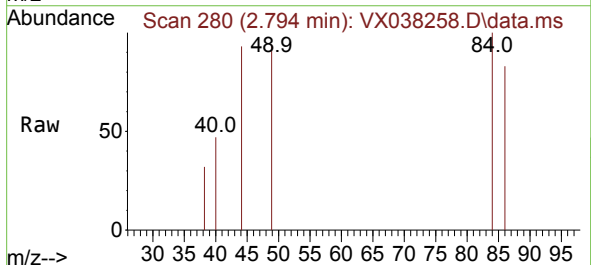
Instrument :
MSVOA_X
ClientSampleId :

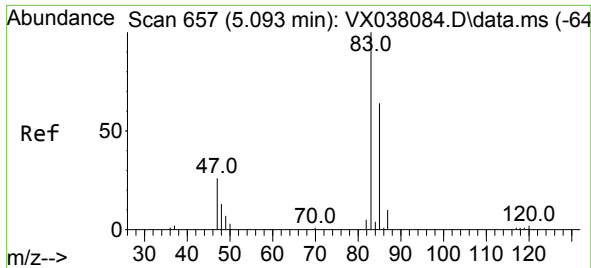
Tgt Ion: 76 Resp: 987
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#20
Methylene Chloride
Concen: 0.227 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038258.D
Acq: 12 Oct 2023 15:50

Tgt Ion: 84 Resp: 321
Ion Ratio Lower Upper
84 100
49 94.4 103.6 155.4#
51 0.0 33.8 50.6#
86 82.7 49.4 74.0#

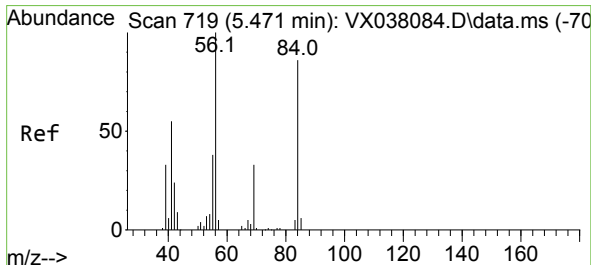
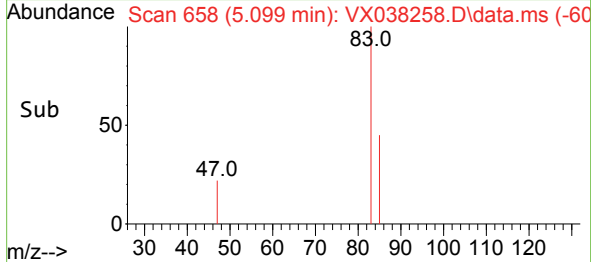
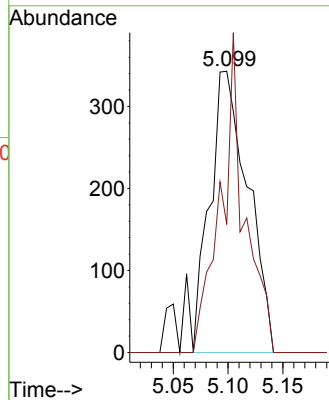
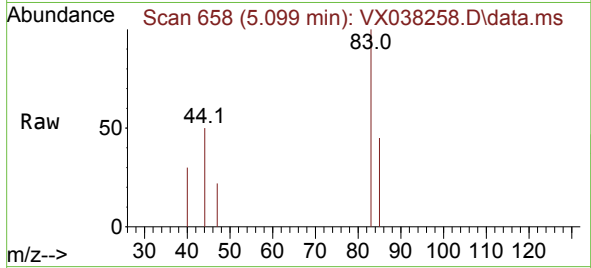




#30
Chloroform
Concen: 0.340 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX038258.D
Acq: 12 Oct 2023 15:50

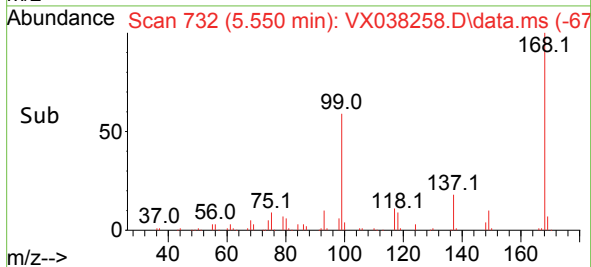
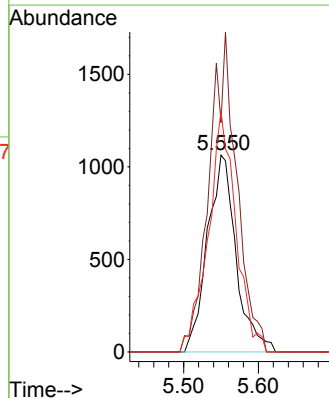
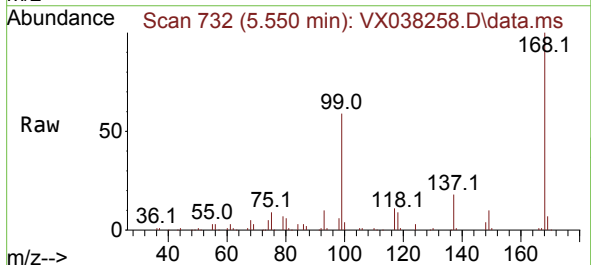
Instrument :
MSVOA_X
ClientSampleId :

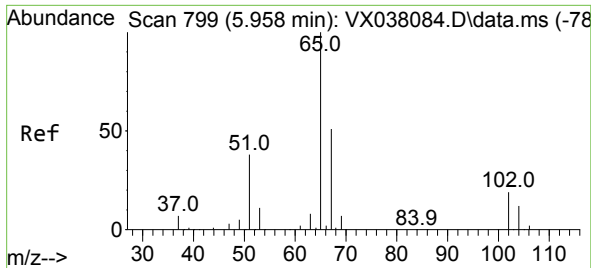
Tgt Ion: 83 Resp: 864
Ion Ratio Lower Upper
83 100
85 45.5 50.3 75.5#



#31
Cyclohexane
Concen: 1.454 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038258.D
Acq: 12 Oct 2023 15:50

Tgt Ion: 56 Resp: 2833
Ion Ratio Lower Upper
56 100
69 116.6 23.4 35.2#
84 122.3 65.9 98.9#

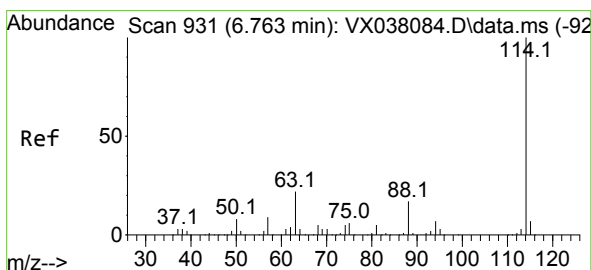
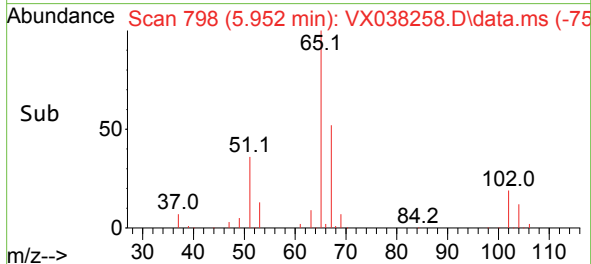
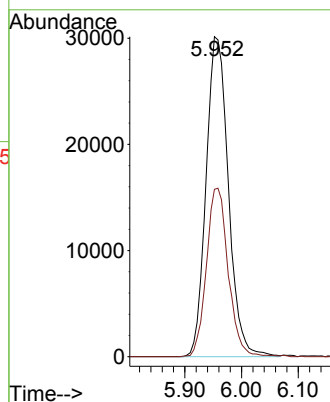
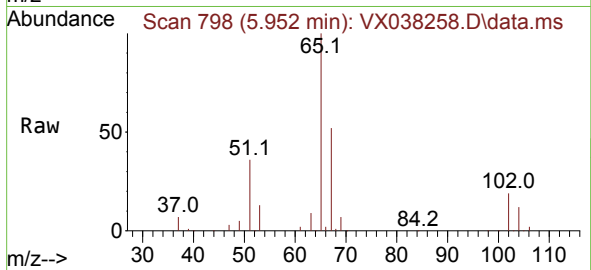




#33
 1,2-Dichloroethane-d4
 Concen: 45.884 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX038258.D
 Acq: 12 Oct 2023 15:50

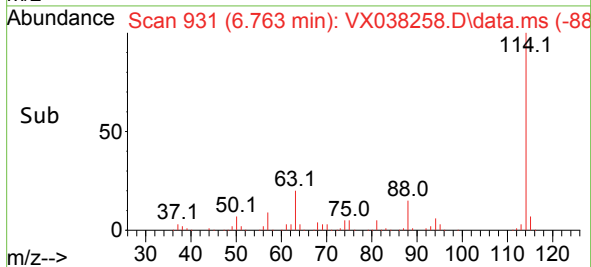
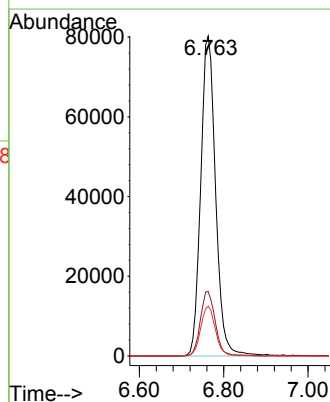
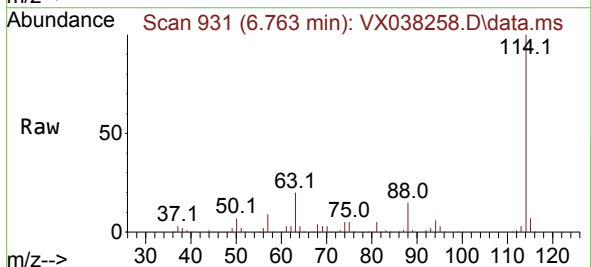
Instrument :
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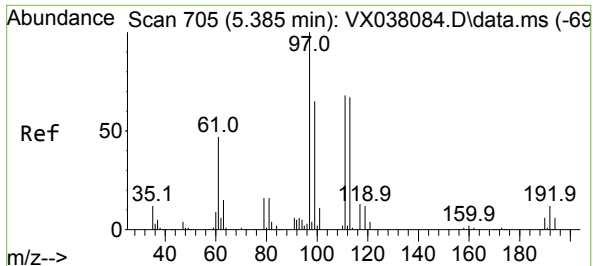
Tgt Ion: 65 Resp: 82499
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038258.D
 Acq: 12 Oct 2023 15:50

Tgt Ion: 114 Resp: 197407
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 45.0
 88 15.5 0.0 36.6

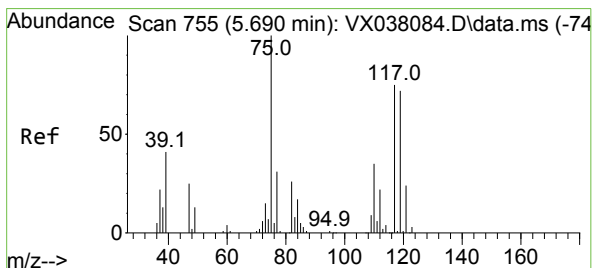
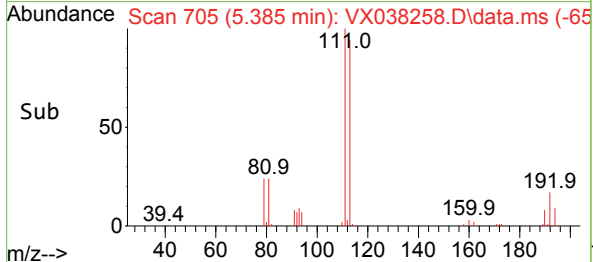
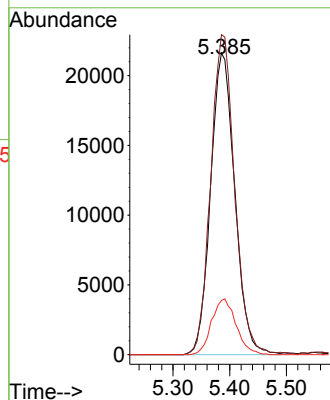
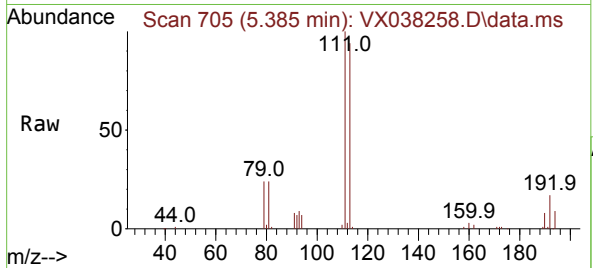




#35
Dibromofluoromethane
Concen: 45.023 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038258.D
Acq: 12 Oct 2023 15:50

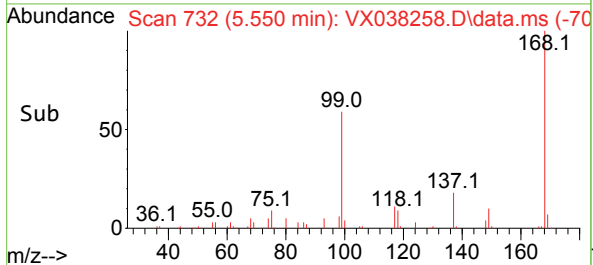
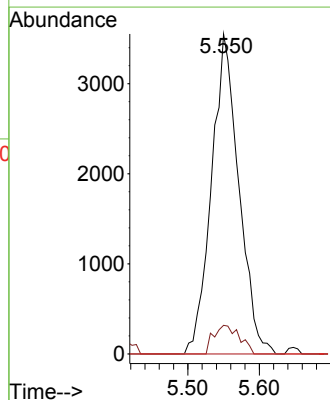
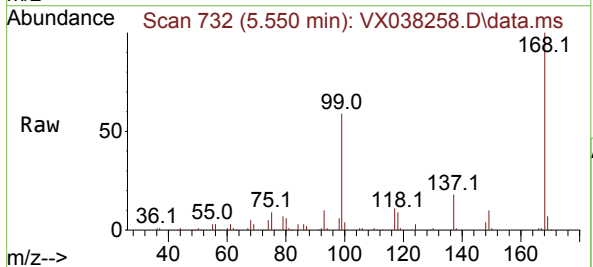
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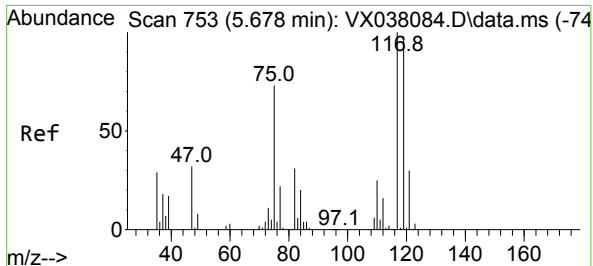
Tgt Ion:113 Resp: 64043
Ion Ratio Lower Upper
113 100
111 105.2 82.9 124.3
192 18.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.814 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038258.D
Acq: 12 Oct 2023 15:50

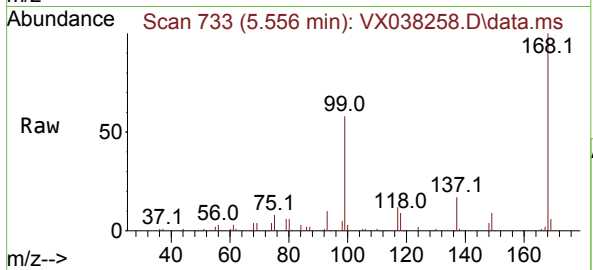
Tgt Ion: 75 Resp: 9443
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#



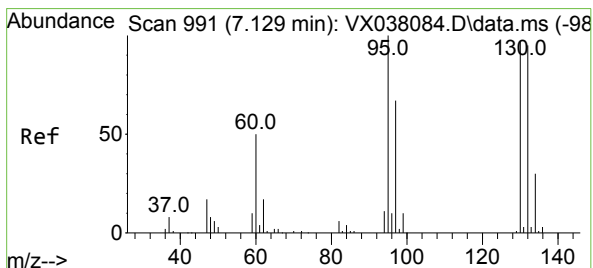
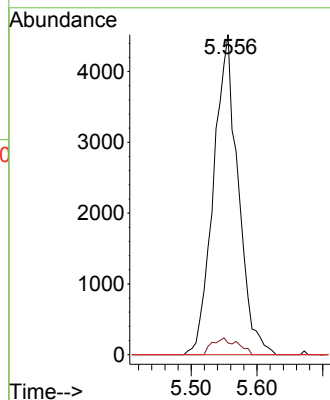
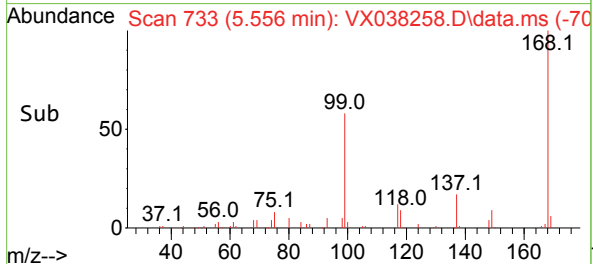


#38
Carbon Tetrachloride
Concen: 6.117 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX038258.D
Acq: 12 Oct 2023 15:50

Instrument :
MSVOA_X
ClientSampleId :

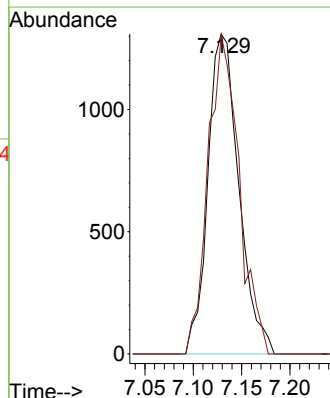
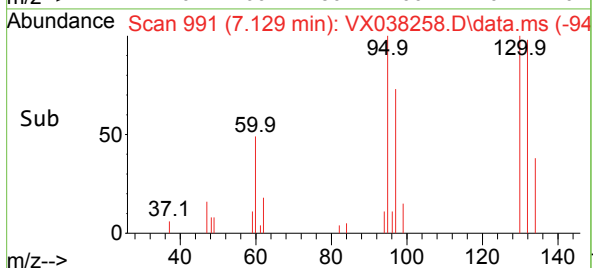
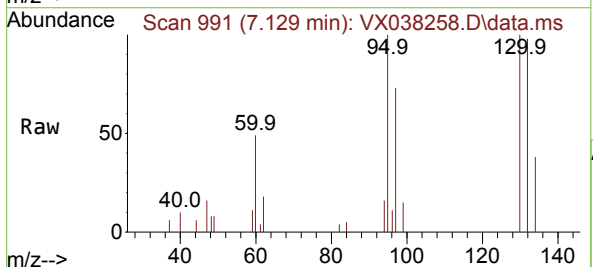


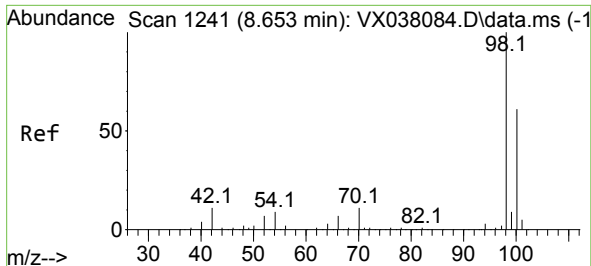
Tgt Ion:117 Resp: 11803
Ion Ratio Lower Upper
117 100
119 3.6 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 2.031 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038258.D
Acq: 12 Oct 2023 15:50

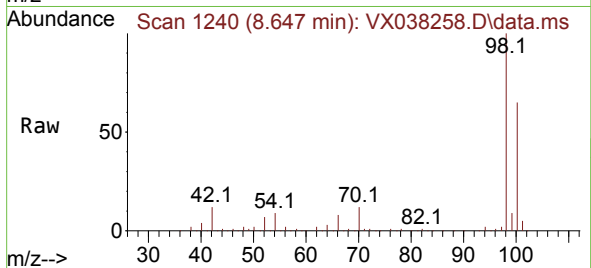
Tgt Ion:130 Resp: 2914
Ion Ratio Lower Upper
130 100
95 99.8 0.0 204.4



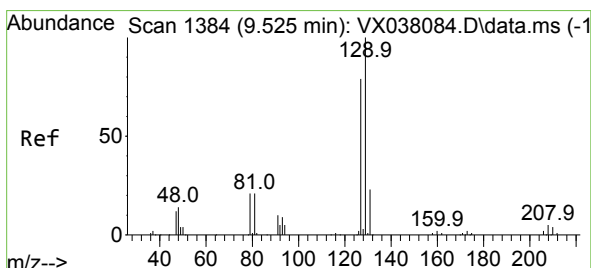
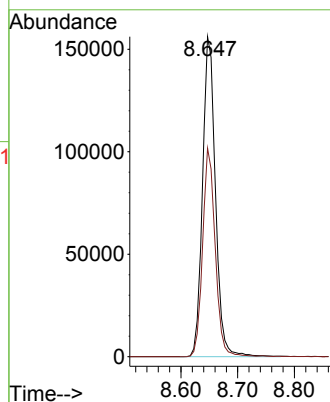
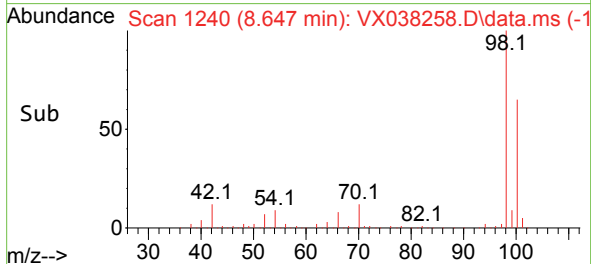


#50
Toluene-d8
Concen: 45.502 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038258.D
Acq: 12 Oct 2023 15:50

Instrument :
MSVOA_X
ClientSampleId :

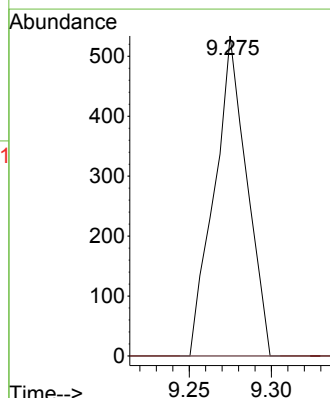
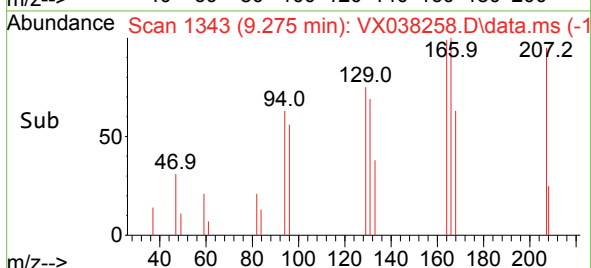
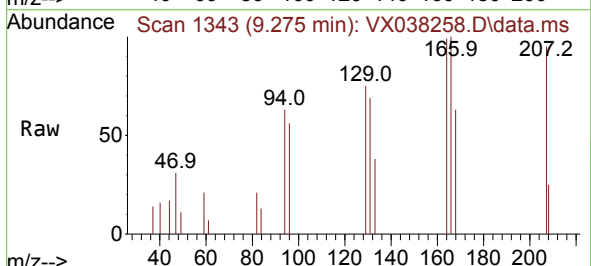


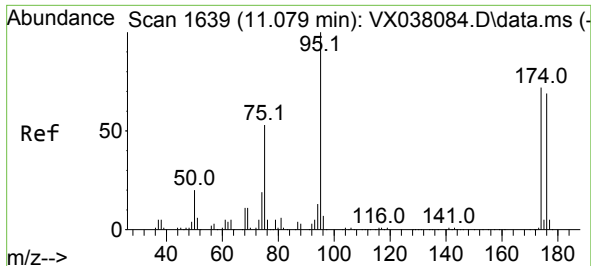
Tgt Ion: 98 Resp: 247329
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7



#60
Dibromochloromethane
Concen: 0.490 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX038258.D
Acq: 12 Oct 2023 15:50

Tgt Ion: 129 Resp: 733
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#





#62

4-Bromofluorobenzene

Concen: 45.103 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038258.D

Acq: 12 Oct 2023 15:50

Instrument :

MSVOA_X

ClientSampleId :

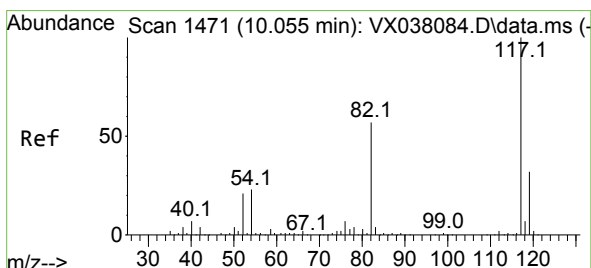
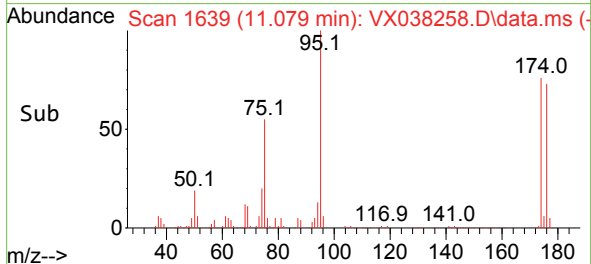
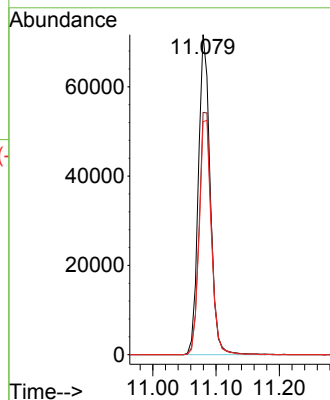
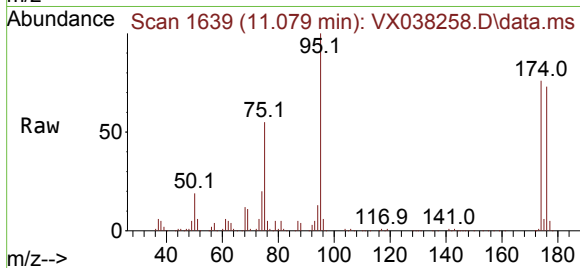
Tgt Ion: 95 Resp: 92941

Ion Ratio Lower Upper

95 100

174 79.3 0.0 135.6

176 75.6 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: VX038258.D

Acq: 12 Oct 2023 15:50

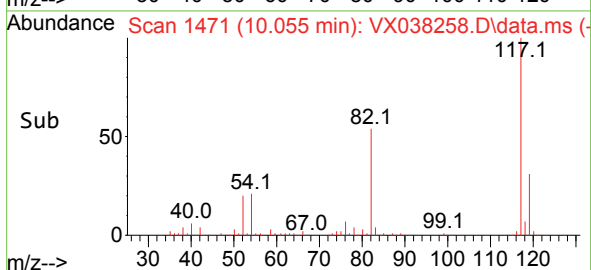
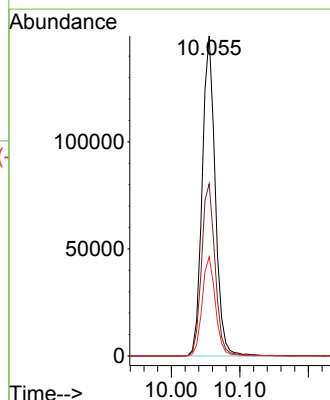
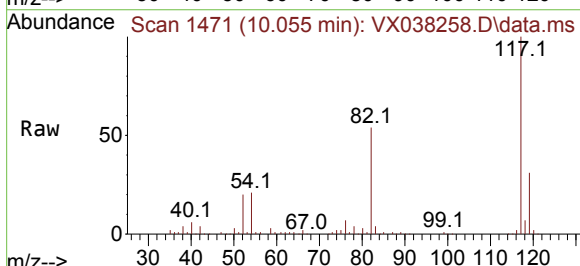
Tgt Ion: 117 Resp: 198414

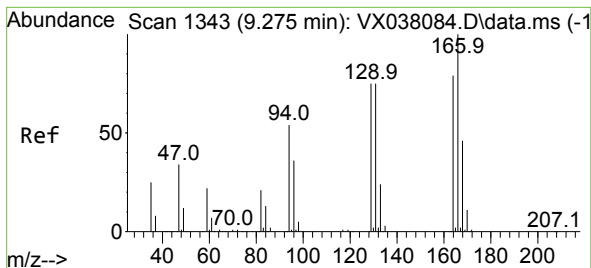
Ion Ratio Lower Upper

117 100

82 53.8 46.2 69.4

119 31.0 25.5 38.3





#64

Tetrachloroethene

Concen: 0.751 ug/l

RT: 9.275 min Scan# 1

Delta R.T. -0.000 min

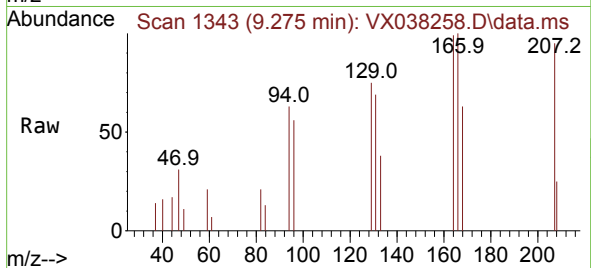
Lab File: VX038258.D

Acq: 12 Oct 2023 15:50

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:164 Resp: 964

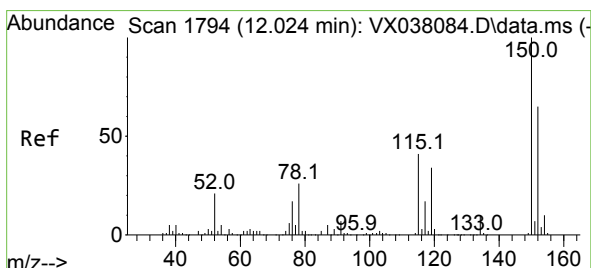
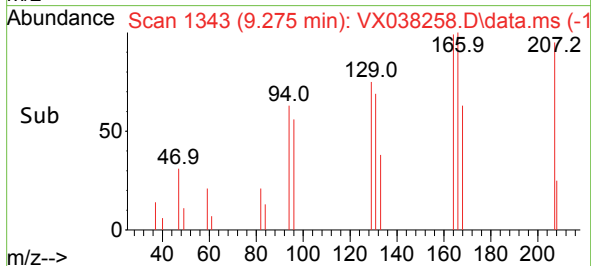
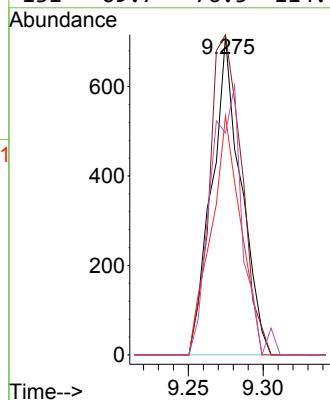
Ion Ratio Lower Upper

164 100

166 100.6 102.7 154.1#

129 75.0 80.4 120.6#

131 69.7 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: VX038258.D

Acq: 12 Oct 2023 15:50

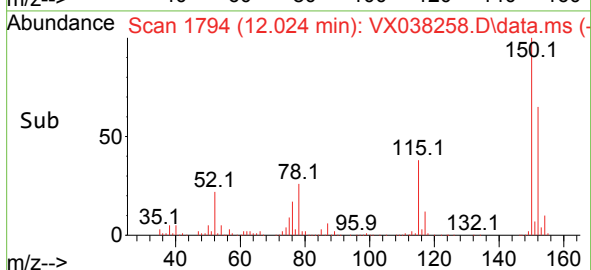
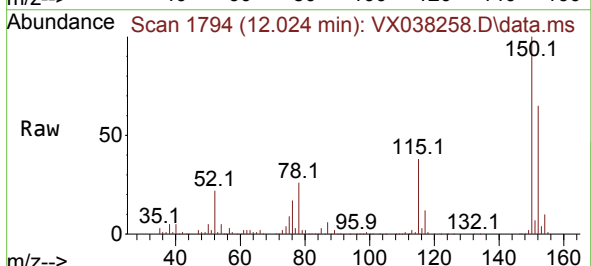
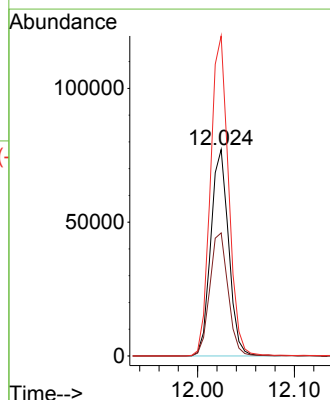
Tgt Ion:152 Resp: 98884

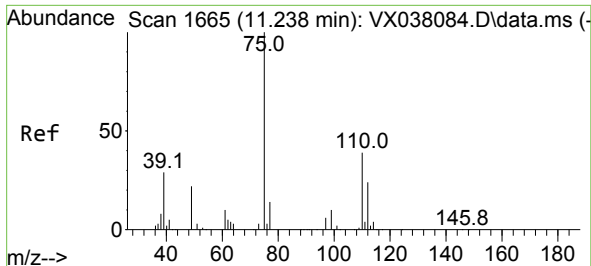
Ion Ratio Lower Upper

152 100

115 61.1 43.3 129.9

150 157.2 0.0 345.0

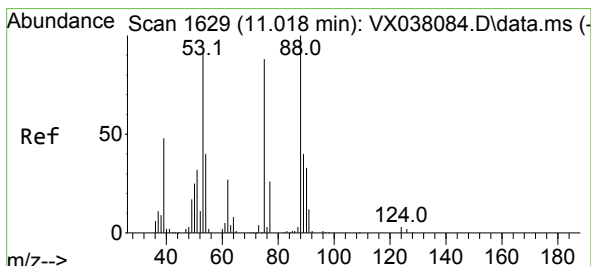
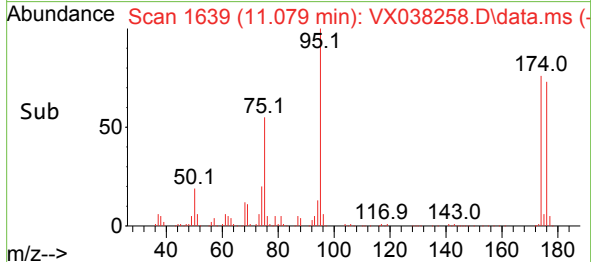
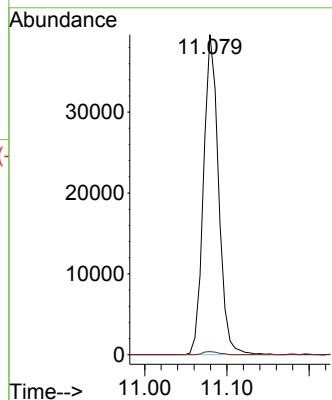
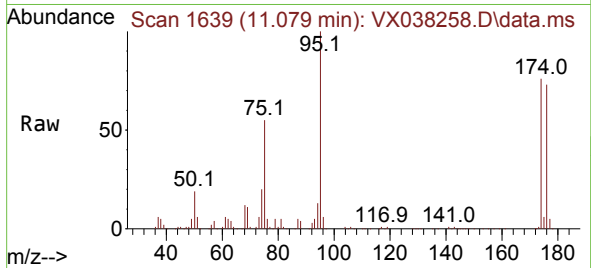




#76
1,2,3-Trichloropropane
Concen: 22.395 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038258.D
Acq: 12 Oct 2023 15:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 50343
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.149 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038258.D
Acq: 12 Oct 2023 15:50

Tgt Ion: 75 Resp: 50343
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

