

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101823\
 Data File : VX038357.D
 Acq On : 18 Oct 2023 13:06
 Operator : JC/MD
 Sample : 04940-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 19 01:39:20 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)

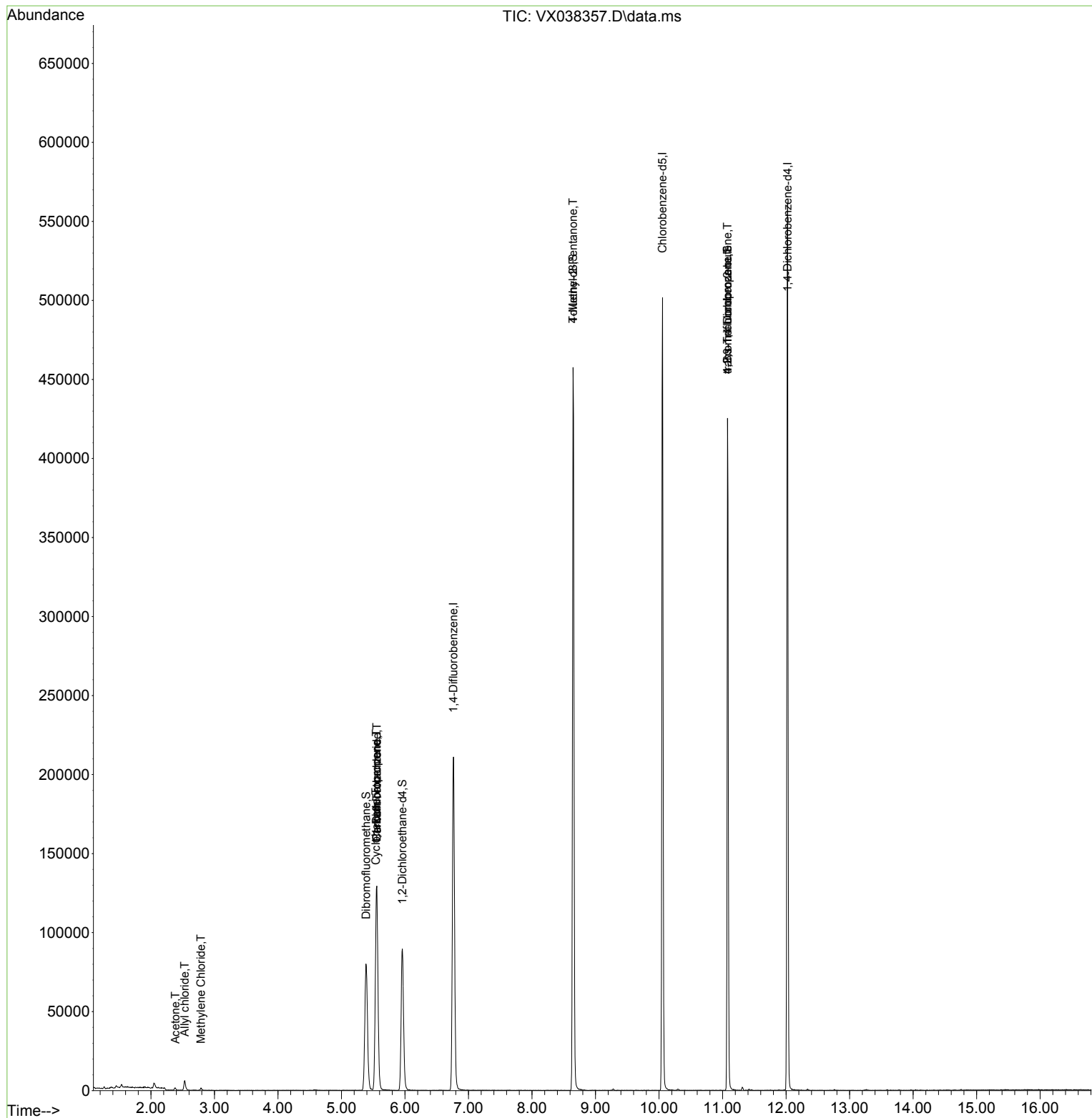
Internal Standards						
1) Pentafluorobenzene	5.556	168	122210	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	217753	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86381	43.945	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.880%
35) Dibromofluoromethane	5.385	113	68834	43.870	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.740%
50) Toluene-d8	8.647	98	277118	46.219	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.440%
62) 4-Bromofluorobenzene	11.079	95	104829	46.118	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.240%
Target Compounds						
						Qvalue
5) Bromomethane	1.618	94	113	Below Cal	#	3
6) Chloroethane	1.678	64	75	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	38	Below Cal	#	78
14) Allyl chloride	2.532	41	723	0.362	ug/l #	78
16) Acetone	2.386	43	1665	2.030	ug/l #	87
20) Methylene Chloride	2.788	84	603	0.391	ug/l #	91
31) Cyclohexane	5.544	56	3115	1.463	ug/l #	39
36) 1,1-Dichloropropene	5.550	75	9875	4.564	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12371	5.812	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1227	0.464	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	57759	21.925	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	57759	62.889	ug/l #	5

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

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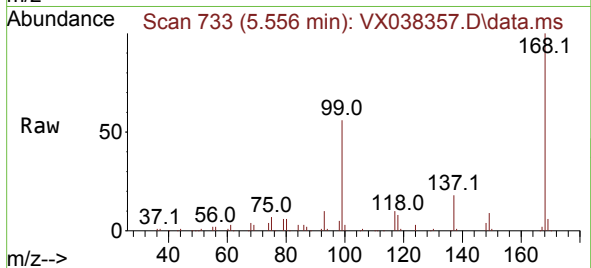
Quant Time: Oct 19 01:39:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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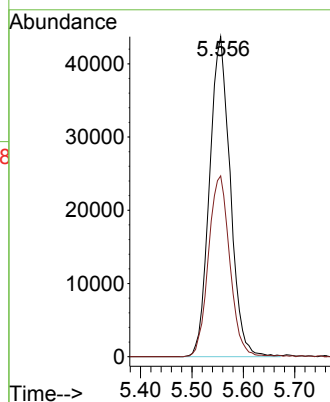
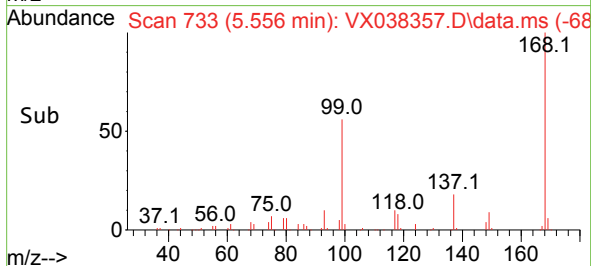


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038357.D
Acq: 18 Oct 2023 13:06

Instrument :
MSVOA_X
ClientSampleId :

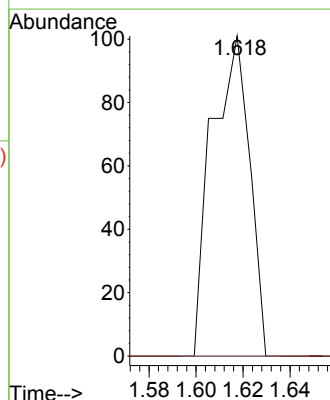
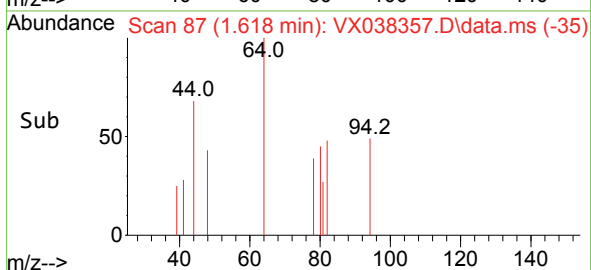
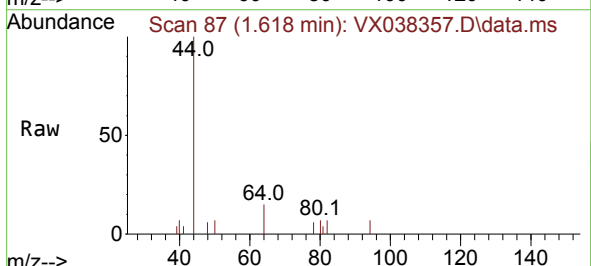


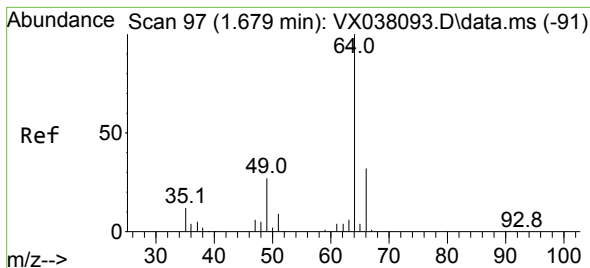
Tgt Ion:168 Resp: 122210
Ion Ratio Lower Upper
168 100
99 56.5 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX038357.D
Acq: 18 Oct 2023 13:06

Tgt Ion: 94 Resp: 113
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: VX038357.D

Acq: 18 Oct 2023 13:06

Instrument :

MSVOA_X

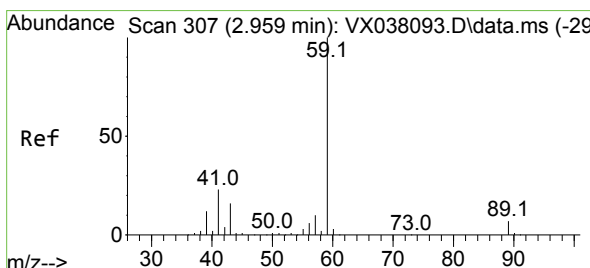
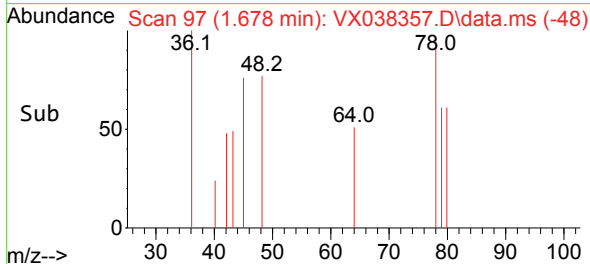
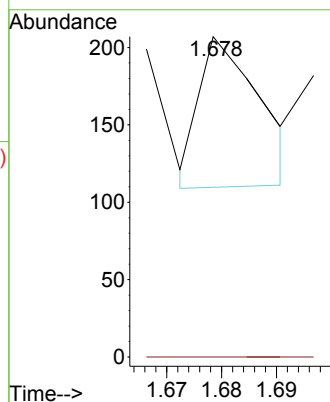
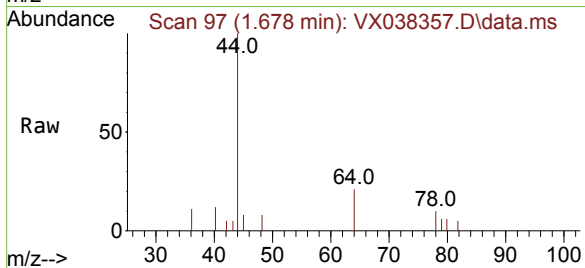
ClientSampleId :

Tgt Ion: 64 Resp: 75

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX038357.D

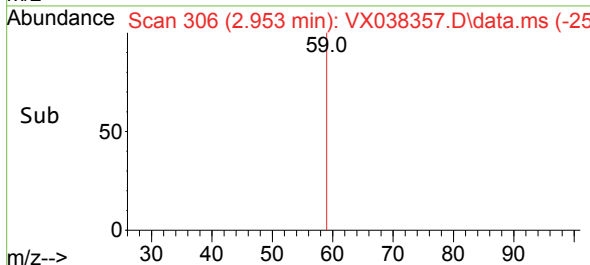
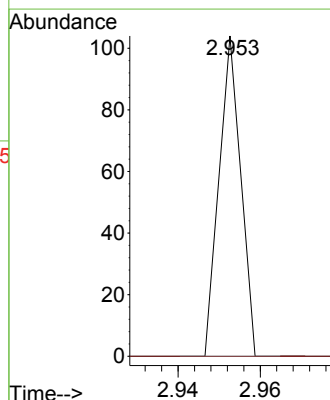
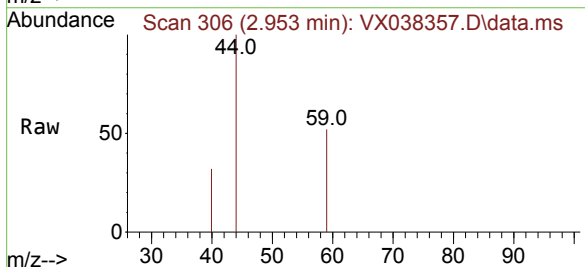
Acq: 18 Oct 2023 13:06

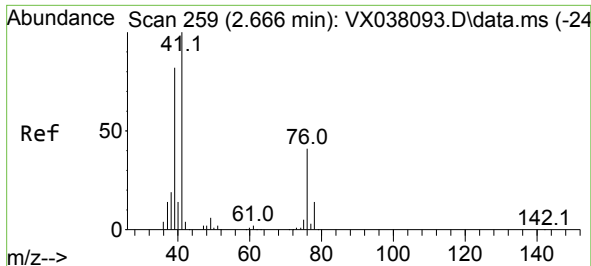
Tgt Ion: 59 Resp: 38

Ion Ratio Lower Upper

59 100

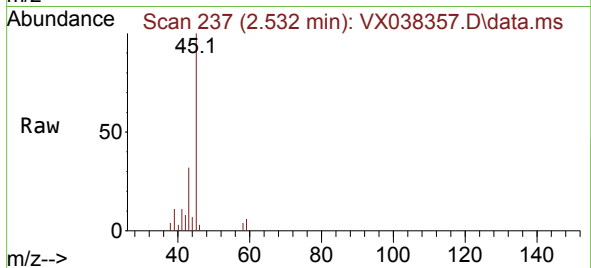
57 0.0 6.0 9.0#



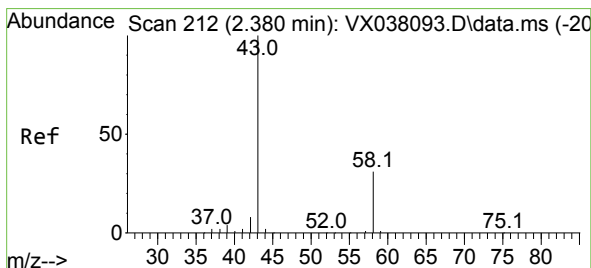
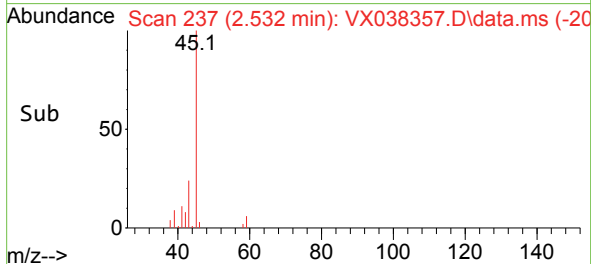
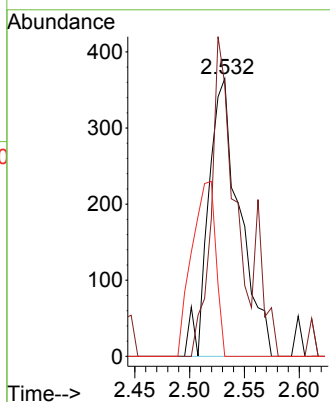


#14
 Allyl chloride
 Concen: 0.362 ug/l
 RT: 2.532 min Scan# 213
 Delta R.T. -0.128 min
 Lab File: VX038357.D
 Acq: 18 Oct 2023 13:06

Instrument :
 MSVOA_X
 ClientSampleId :

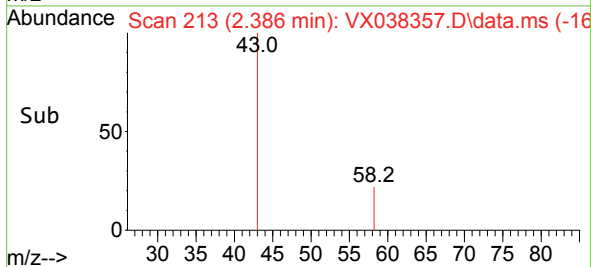
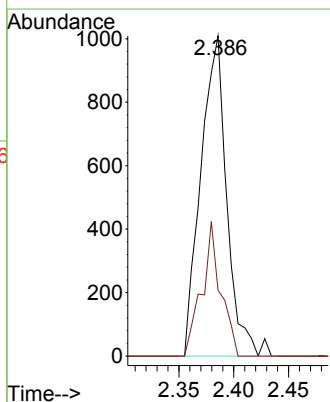
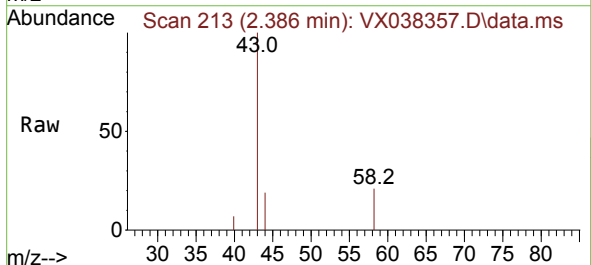


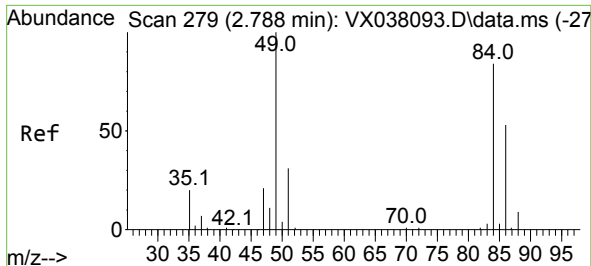
Tgt Ion: 41 Resp: 723
 Ion Ratio Lower Upper
 41 100
 39 83.7 55.8 83.6#
 76 48.4 24.3 36.5#



#16
 Acetone
 Concen: 2.030 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VX038357.D
 Acq: 18 Oct 2023 13:06

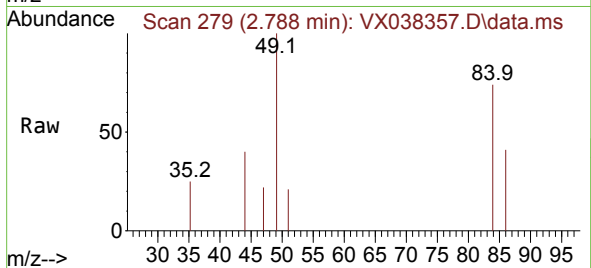
Tgt Ion: 43 Resp: 1665
 Ion Ratio Lower Upper
 43 100
 58 20.5 21.9 32.9#





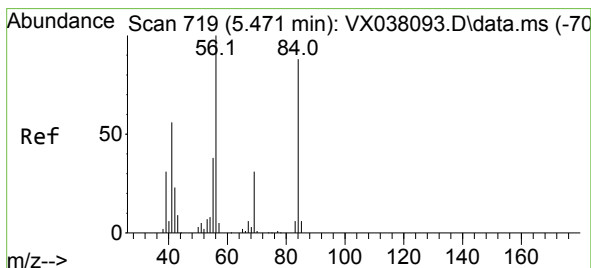
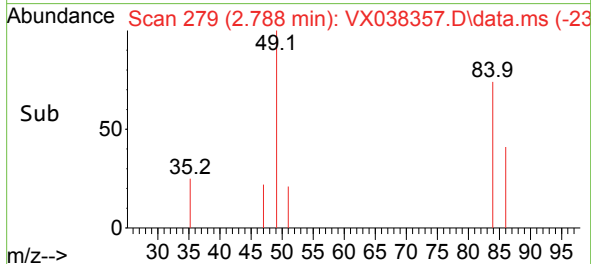
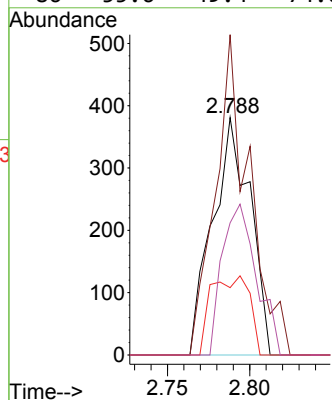
#20
Methylene Chloride
Concen: 0.391 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038357.D
Acq: 18 Oct 2023 13:06

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 603

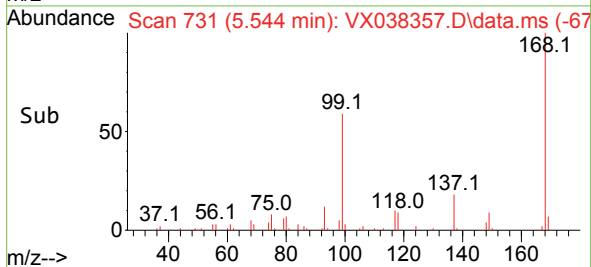
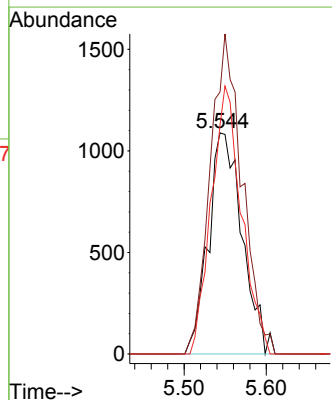
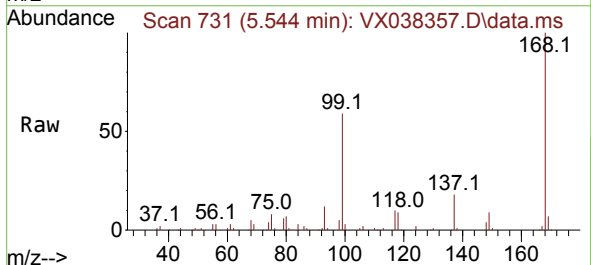
Ion	Ratio	Lower	Upper
84	100		
49	134.9	103.6	155.4
51	28.3	33.8	50.6#
86	55.6	49.4	74.0

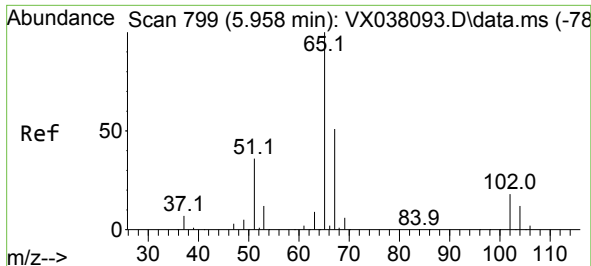


#31
Cyclohexane
Concen: 1.463 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX038357.D
Acq: 18 Oct 2023 13:06

Tgt Ion: 56 Resp: 3115

Ion	Ratio	Lower	Upper
56	100		
69	118.5	23.4	35.2#
84	103.6	65.9	98.9#

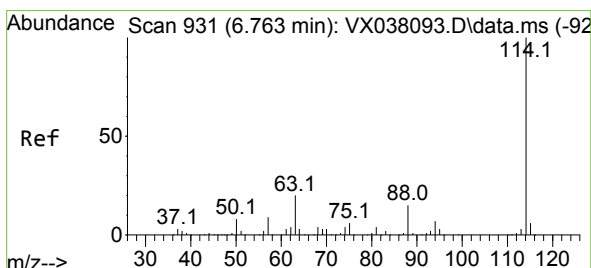
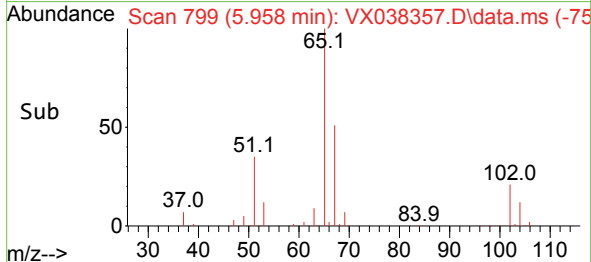
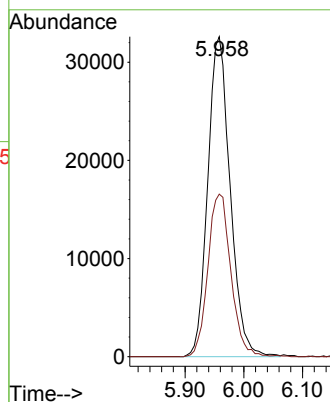
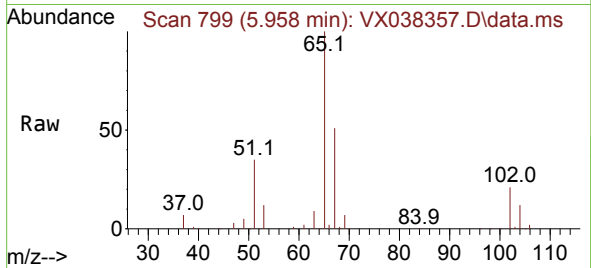




#33
1,2-Dichloroethane-d4
Concen: 43.945 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038357.D
Acq: 18 Oct 2023 13:06

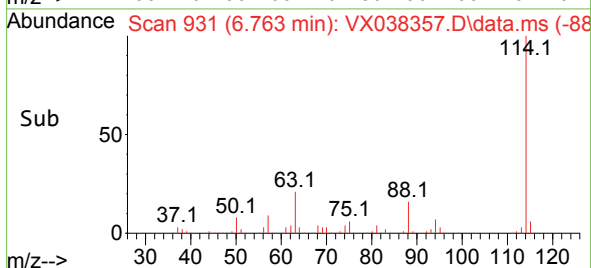
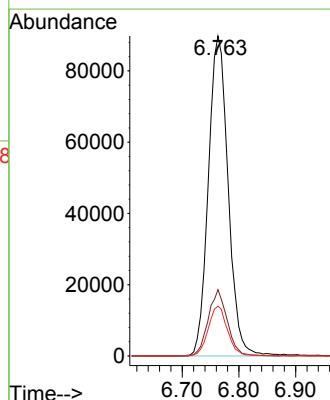
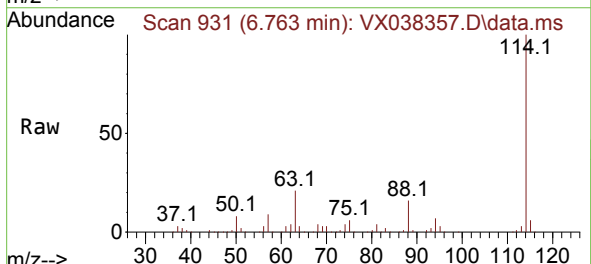
Instrument :
MSVOA_X
ClientSampleId :

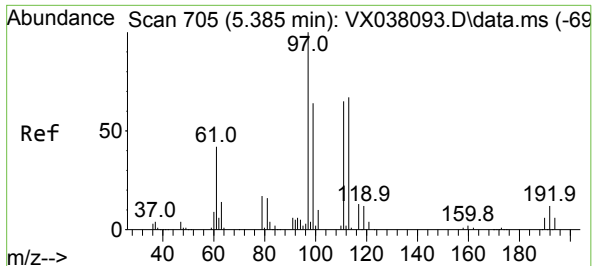
Tgt Ion: 65 Resp: 86381
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX038357.D
Acq: 18 Oct 2023 13:06

Tgt Ion:114 Resp: 217753
Ion Ratio Lower Upper
114 100
63 20.7 0.0 45.0
88 15.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 43.870 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

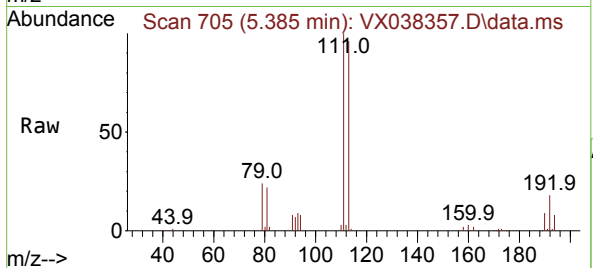
Lab File: VX038357.D

Acq: 18 Oct 2023 13:06

Instrument :

MSVOA_X

ClientSampleId :



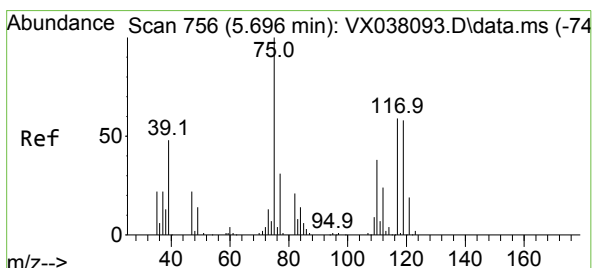
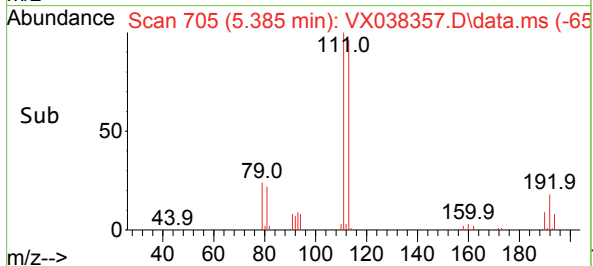
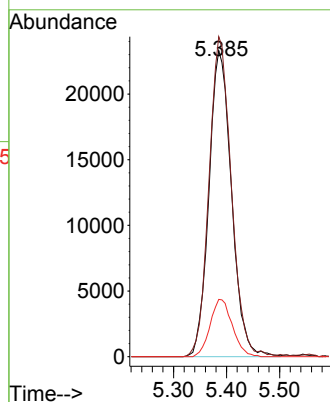
Tgt Ion:113 Resp: 68834

Ion Ratio Lower Upper

113 100

111 103.5 82.9 124.3

192 18.5 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.564 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX038357.D

Acq: 18 Oct 2023 13:06

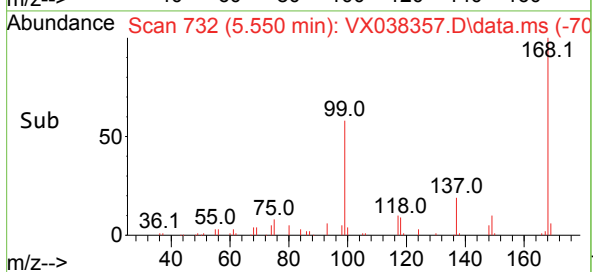
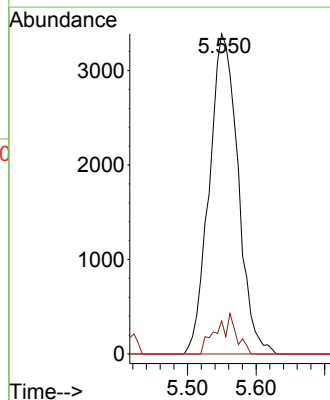
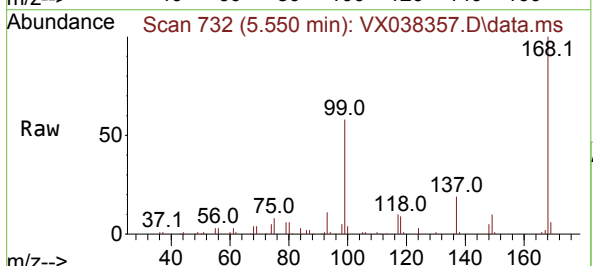
Tgt Ion: 75 Resp: 9875

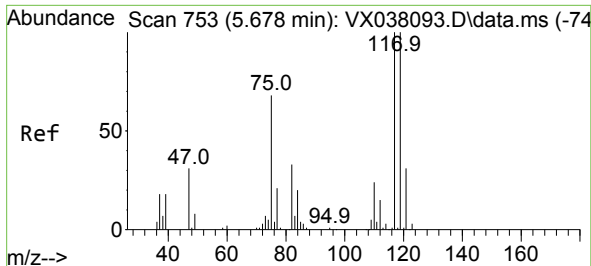
Ion Ratio Lower Upper

75 100

110 8.8 17.0 50.9#

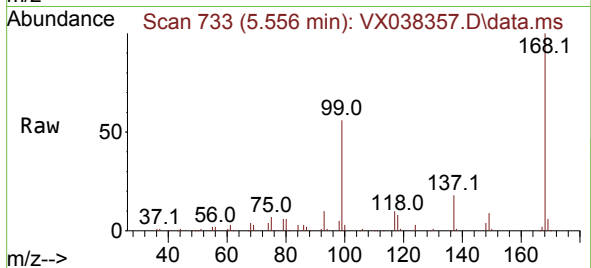
77 0.0 24.7 37.1#



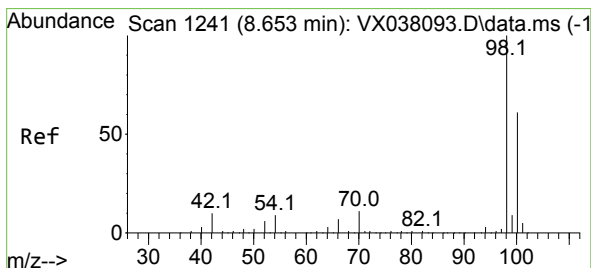
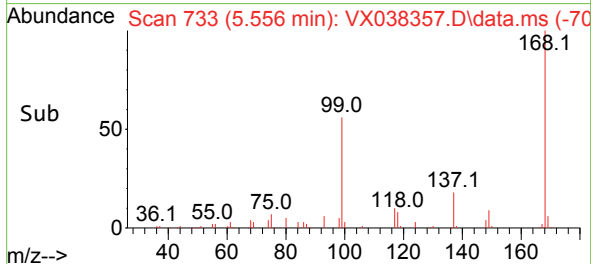
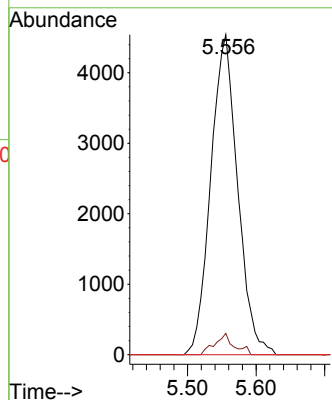


#38
Carbon Tetrachloride
Concen: 5.812 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038357.D
Acq: 18 Oct 2023 13:06

Instrument :
MSVOA_X
ClientSampleId :

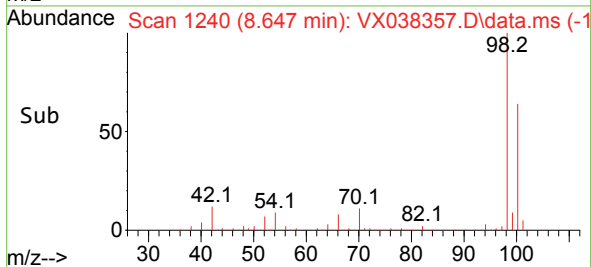
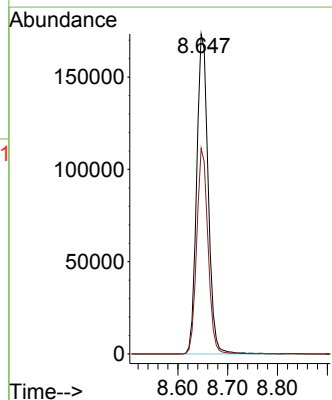
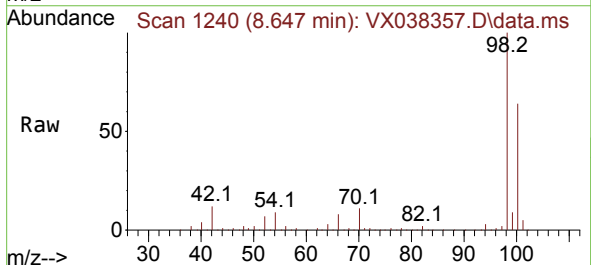


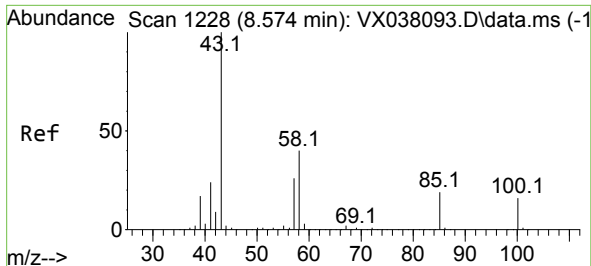
Tgt Ion:117 Resp: 12371
Ion Ratio Lower Upper
117 100
119 6.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.219 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038357.D
Acq: 18 Oct 2023 13:06

Tgt Ion: 98 Resp: 277118
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7

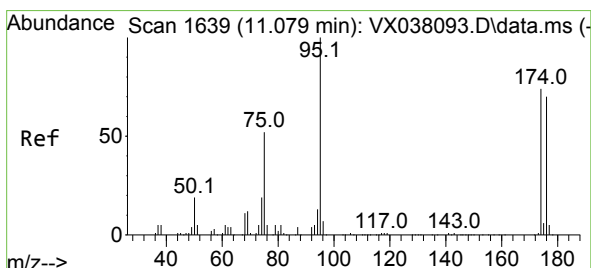
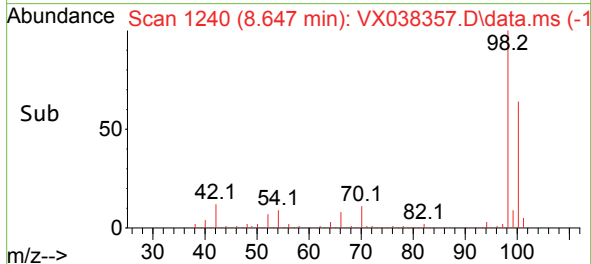
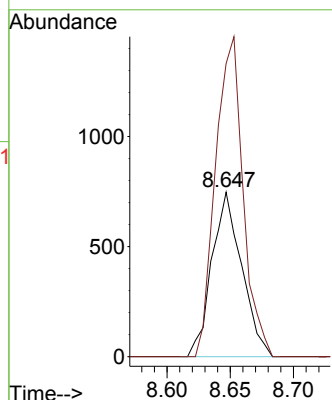
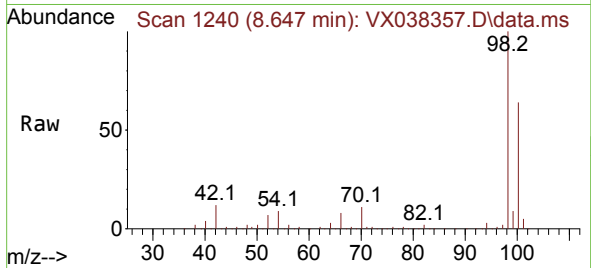




#51
4-Methyl-2-Pentanone
Concen: 0.464 ug/l
RT: 8.647 min Scan# 1227
Delta R.T. 0.073 min
Lab File: VX038357.D
Acq: 18 Oct 2023 13:06

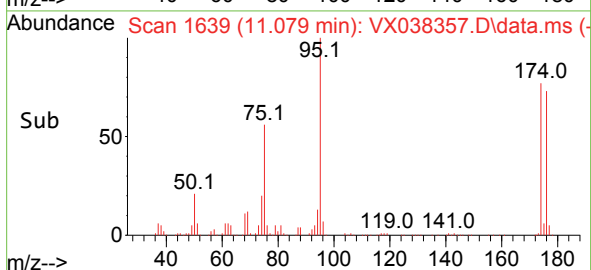
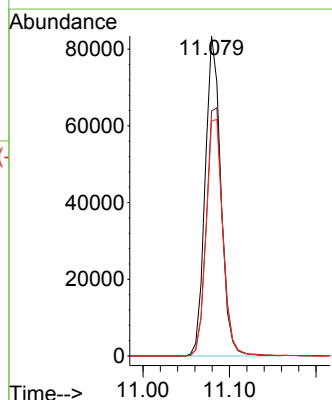
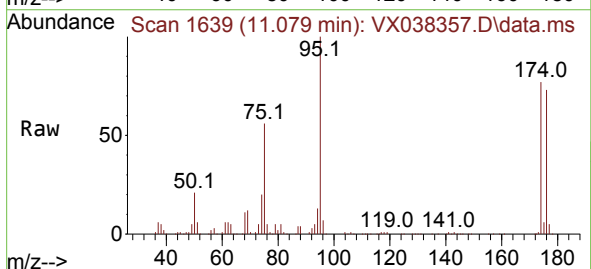
Instrument :
MSVOA_X
ClientSampleId :

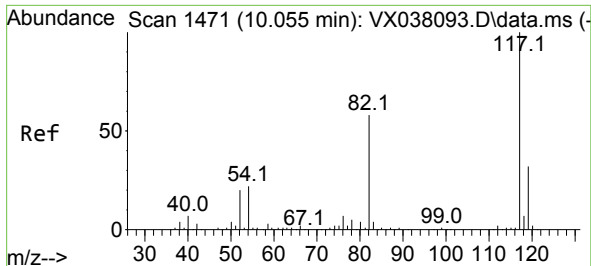
Tgt Ion: 43 Resp: 1227
Ion Ratio Lower Upper
43 100
58 179.5 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 46.118 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038357.D
Acq: 18 Oct 2023 13:06

Tgt Ion: 95 Resp: 104829
Ion Ratio Lower Upper
95 100
174 81.8 0.0 135.6
176 78.5 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: VX038357.D

Acq: 18 Oct 2023 13:06

Instrument :

MSVOA_X

ClientSampleId :

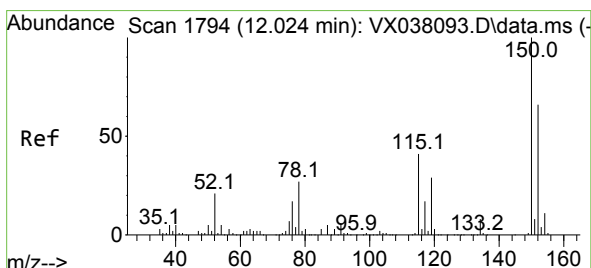
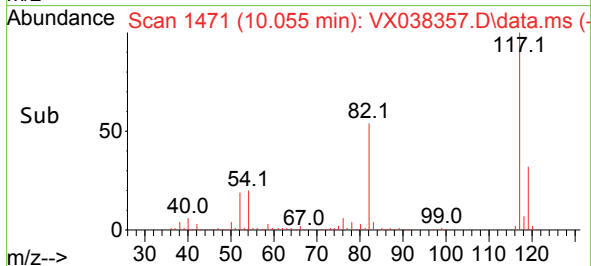
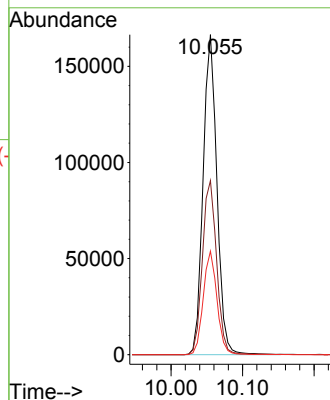
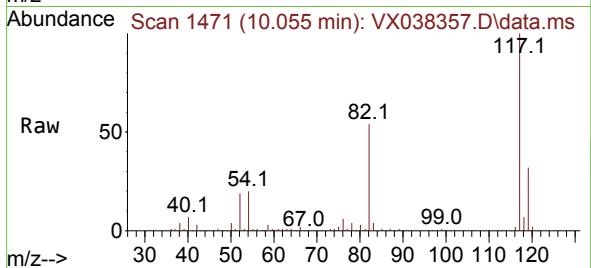
Tgt Ion:117 Resp: 223359

Ion Ratio Lower Upper

117 100

82 54.4 46.2 69.4

119 32.4 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: VX038357.D

Acq: 18 Oct 2023 13:06

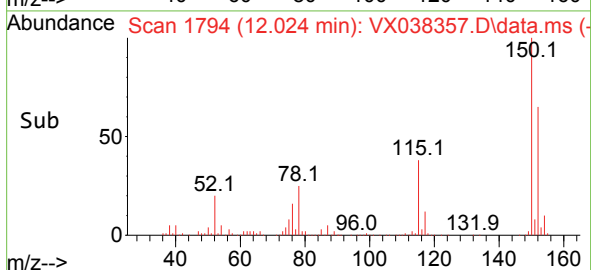
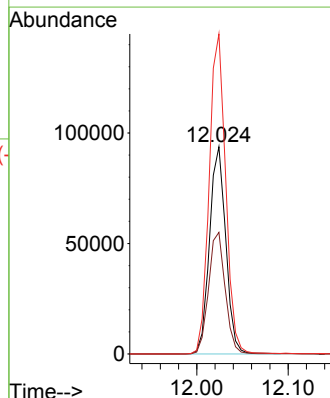
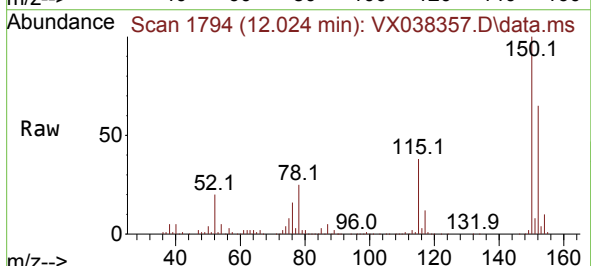
Tgt Ion:152 Resp: 115879

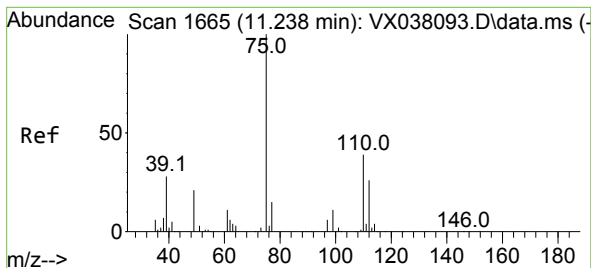
Ion Ratio Lower Upper

152 100

115 60.1 43.3 129.9

150 156.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.925 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038357.D

Acq: 18 Oct 2023 13:06

Instrument :

MSVOA_X

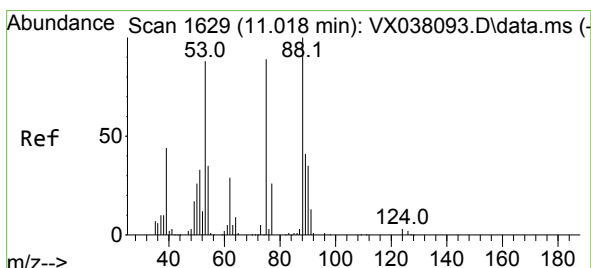
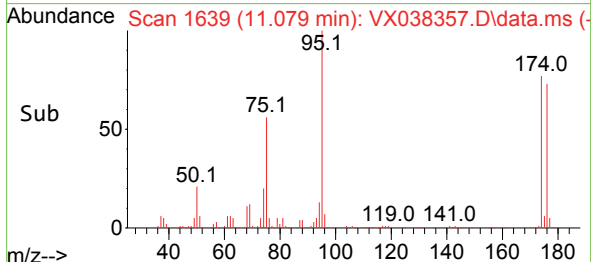
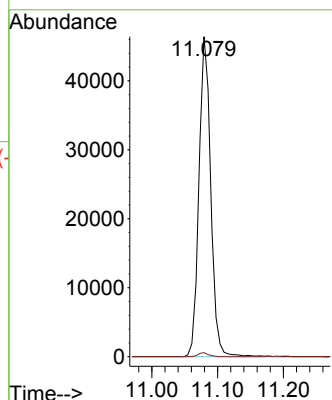
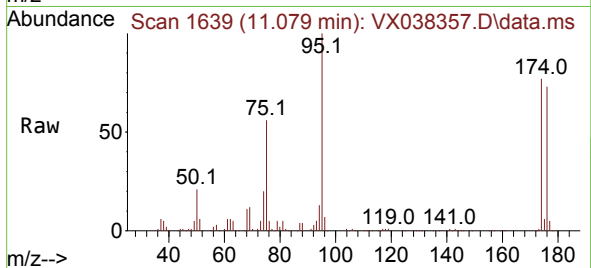
ClientSampleId :

Tgt Ion: 75 Resp: 57759

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.889 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038357.D

Acq: 18 Oct 2023 13:06

Tgt Ion: 75 Resp: 57759

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

