

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
 Data File : VX038054.D
 Acq On : 04 Oct 2023 10:49
 Operator : JC/MD
 Sample : VX1004WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 05 00:57:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 09:08:35 2023
 Response via : Initial Calibration

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

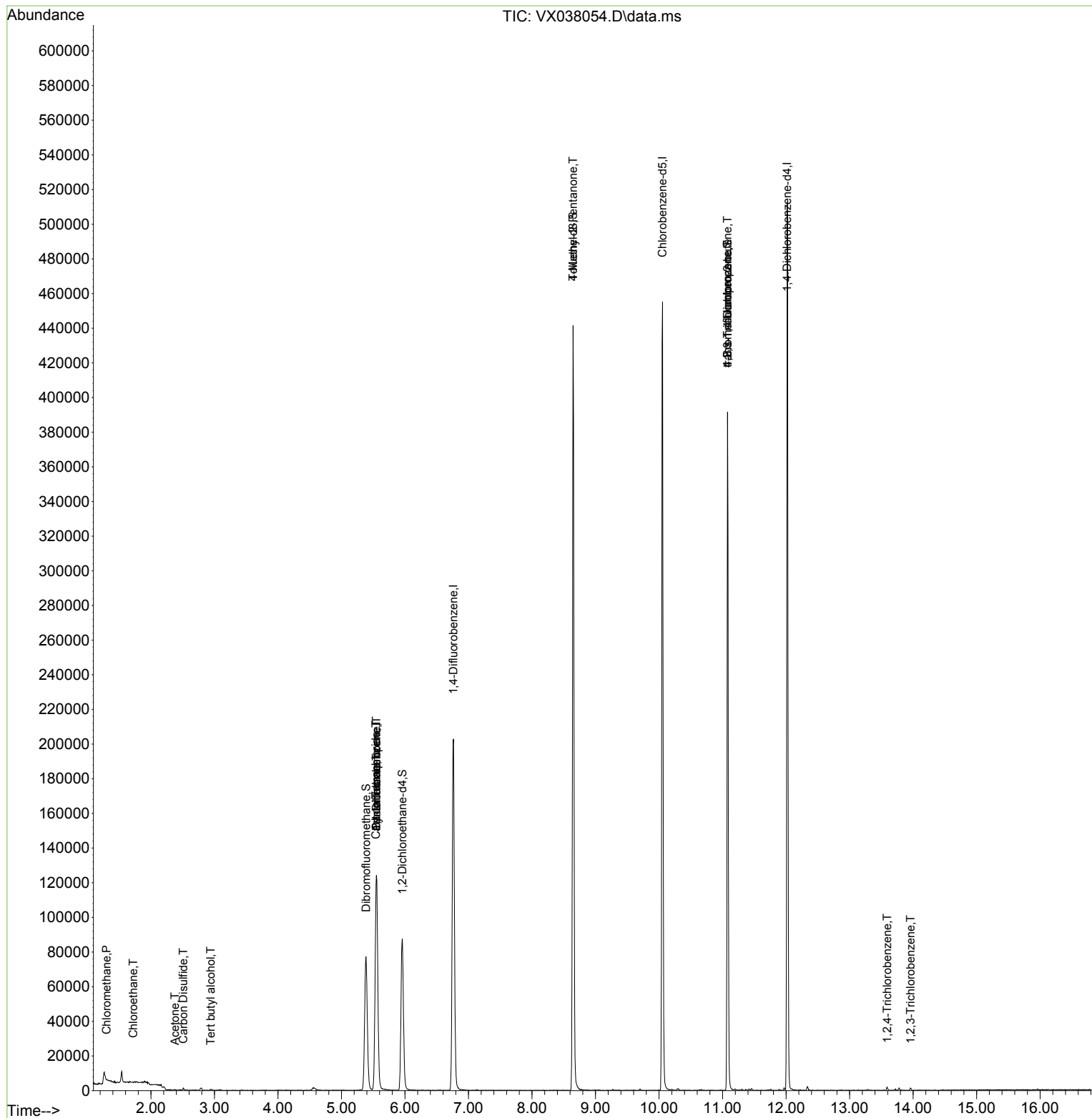
Internal Standards						
1) Pentafluorobenzene	5.550	168	117301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206335	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	99360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86546	47.418	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.840%		
35) Dibromofluoromethane	5.385	113	65403	46.203	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.400%		
50) Toluene-d8	8.647	98	260725	48.128	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.260%		
62) 4-Bromofluorobenzene	11.079	95	94540	47.951	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.900%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	521	0.339	ug/l #	43
6) Chloroethane	1.721	64	640	0.614	ug/l #	43
11) Tert butyl alcohol	2.940	59	405	0.988	ug/l #	78
16) Acetone	2.380	43	477	0.595	ug/l	93
17) Carbon Disulfide	2.508	76	1050	0.334	ug/l #	95
20) Methylene Chloride	2.788	84	564	Below Cal	#	91
31) Cyclohexane	5.550	56	3186	1.493	ug/l #	33
36) 1,1-Dichloropropene	5.550	75	10329	4.951	ug/l #	50
38) Carbon Tetrachloride	5.544	117	12315	6.067	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1204	0.477	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	53844	23.393	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	53844	79.005	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	636	0.291	ug/l	89
96) 1,2,3-Trichlorobenzene	13.963	180	478	0.226	ug/l	86

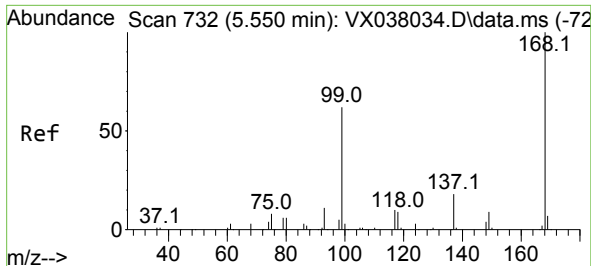
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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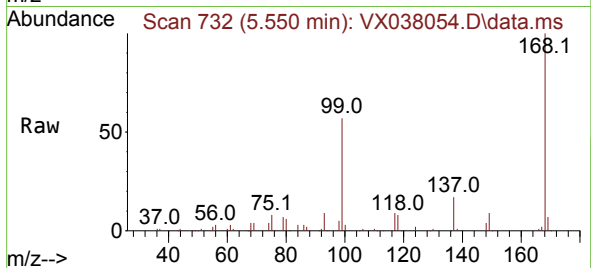
Quant Time: Oct 05 00:57:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 04 09:08:35 2023
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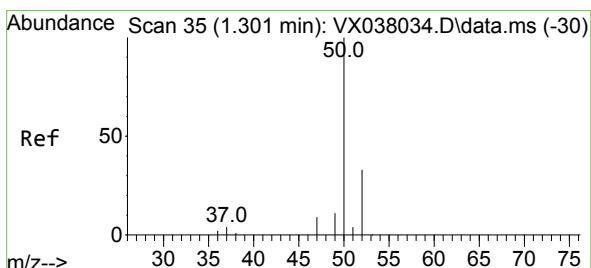
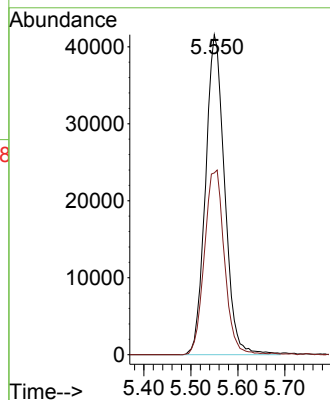
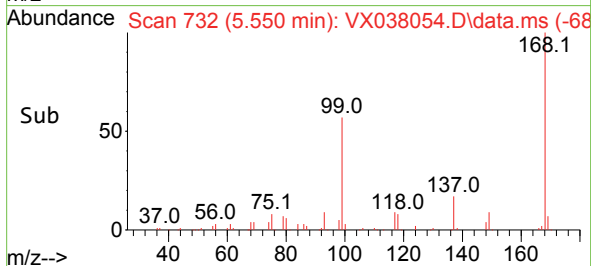


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038054.D
Acq: 04 Oct 2023 10:49

Instrument :
MSVOA_X
ClientSampleId :

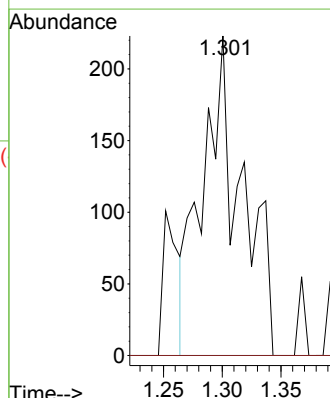
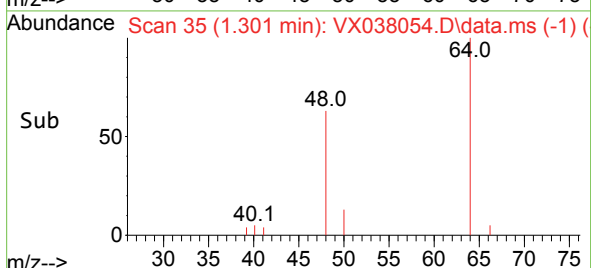
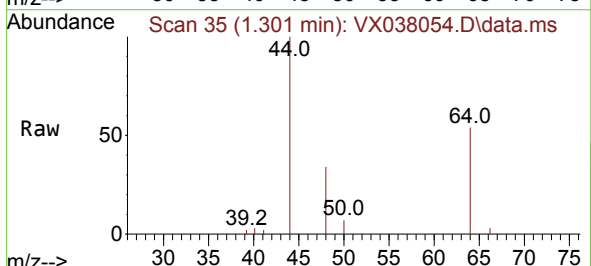


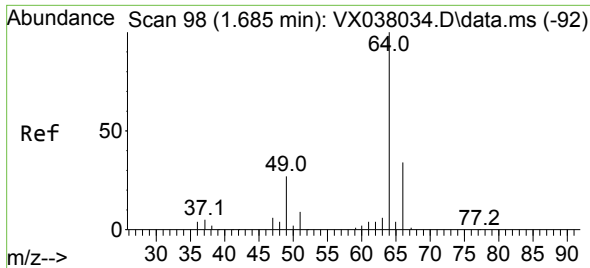
Tgt Ion:168 Resp: 117301
Ion Ratio Lower Upper
168 100
99 56.8 56.6 85.0



#3
Chloromethane
Concen: 0.339 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038054.D
Acq: 04 Oct 2023 10:49

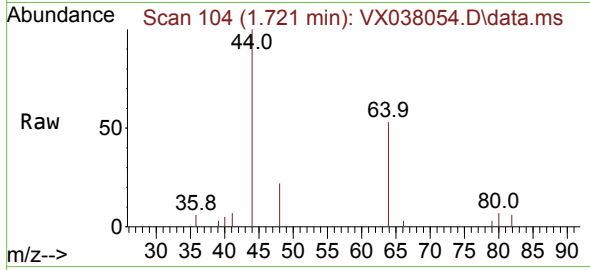
Tgt Ion: 50 Resp: 521
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



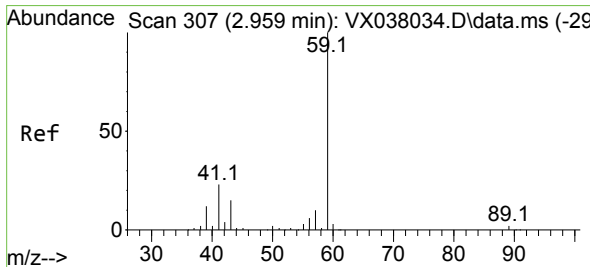
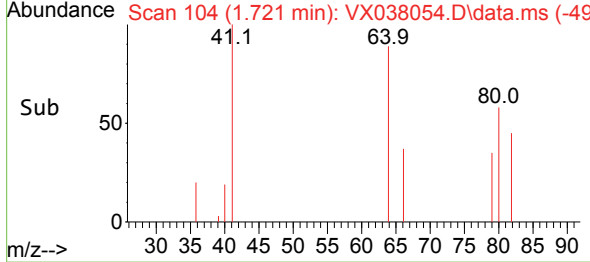
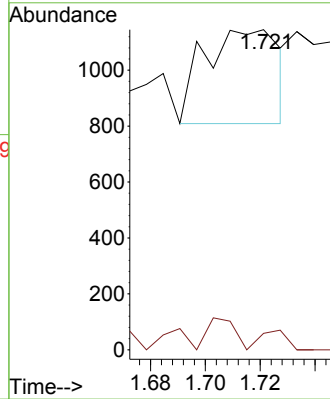


#6
Chloroethane
Concen: 0.614 ug/l
RT: 1.721 min Scan# 104
Delta R.T. 0.036 min
Lab File: VX038054.D
Acq: 04 Oct 2023 10:49

Instrument :
MSVOA_X
ClientSampleId :

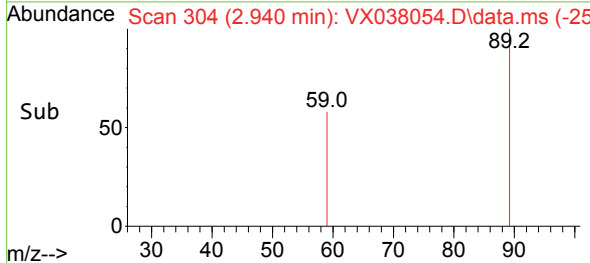
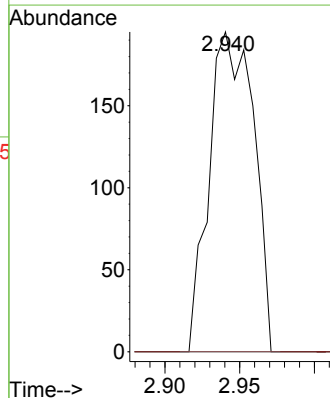
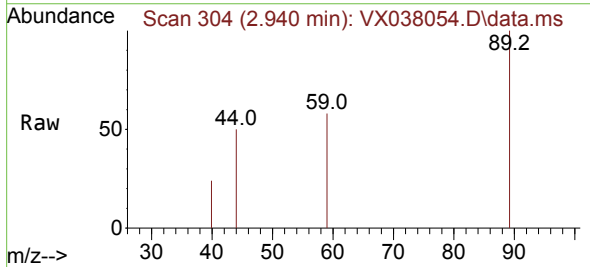


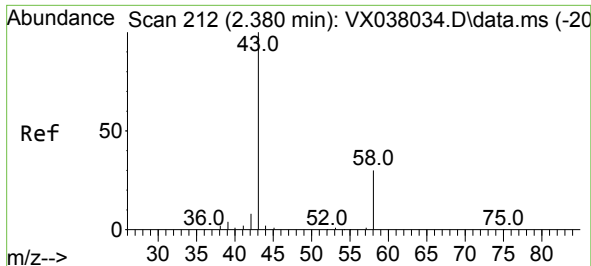
Tgt Ion: 64 Resp: 640
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.988 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.019 min
Lab File: VX038054.D
Acq: 04 Oct 2023 10:49

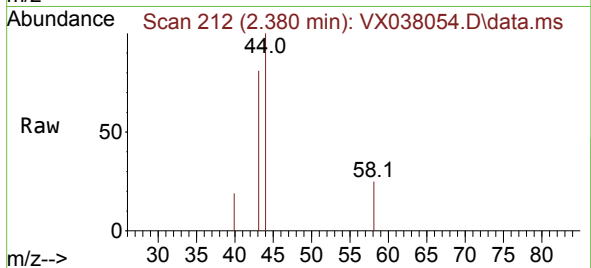
Tgt Ion: 59 Resp: 405
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



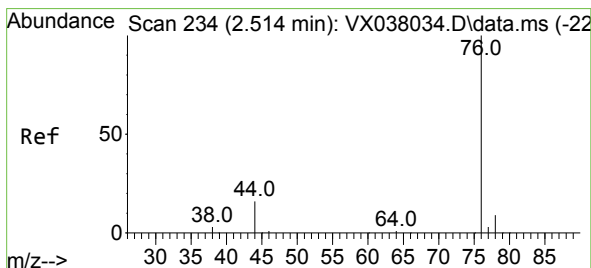
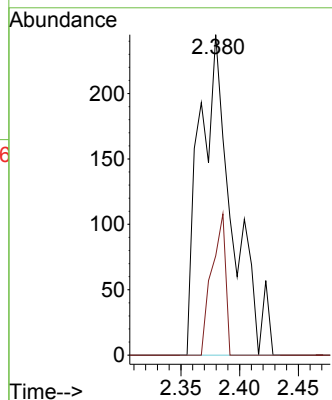
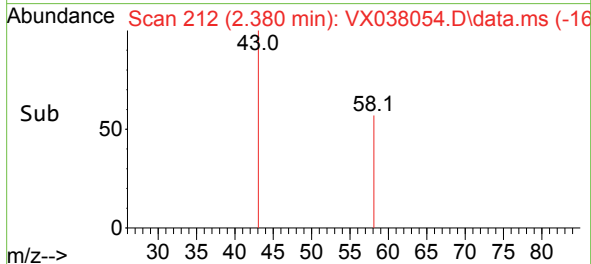


#16
Acetone
Concen: 0.595 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038054.D
Acq: 04 Oct 2023 10:49

Instrument :
MSVOA_X
ClientSampleId :

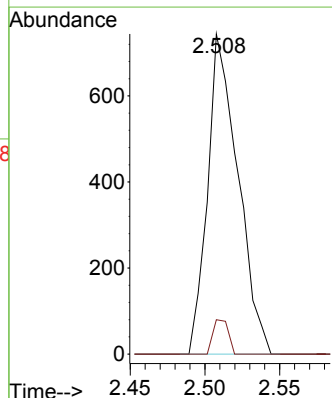
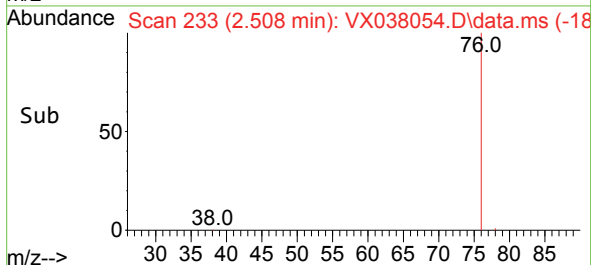
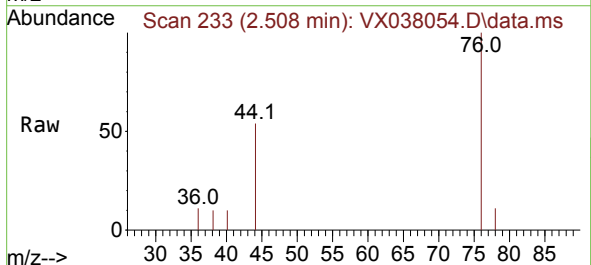


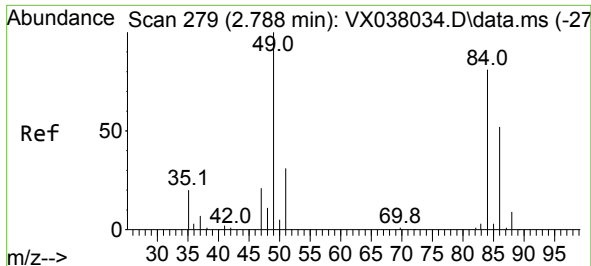
Tgt Ion: 43 Resp: 477
Ion Ratio Lower Upper
43 100
58 31.0 21.9 32.9



#17
Carbon Disulfide
Concen: 0.334 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX038054.D
Acq: 04 Oct 2023 10:49

Tgt Ion: 76 Resp: 1050
Ion Ratio Lower Upper
76 100
78 10.8 7.0 10.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

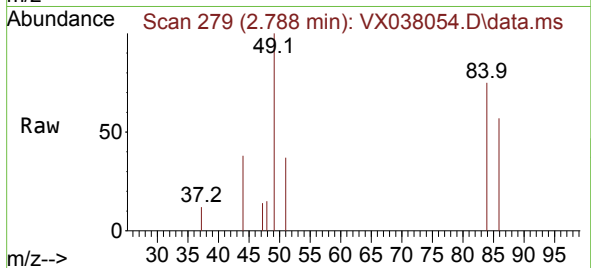
Lab File: VX038054.D

Acq: 04 Oct 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 564

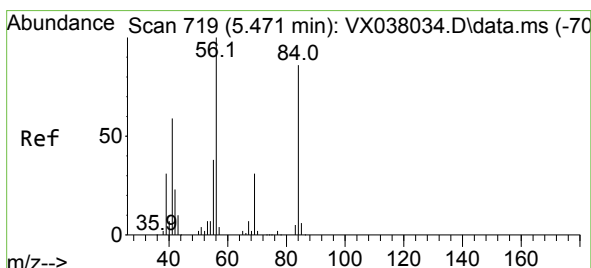
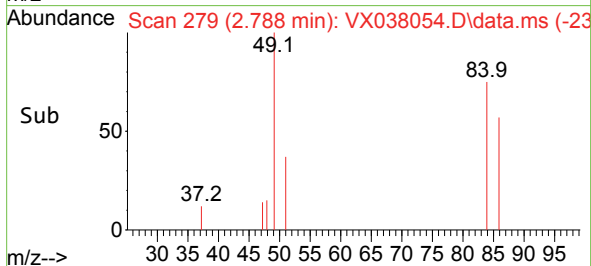
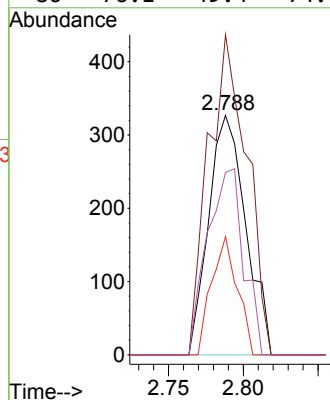
Ion Ratio Lower Upper

84 100

49 133.6 103.6 155.4

51 49.2 33.8 50.6

86 76.1 49.4 74.0#



#31

Cyclohexane

Concen: 1.493 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX038054.D

Acq: 04 Oct 2023 10:49

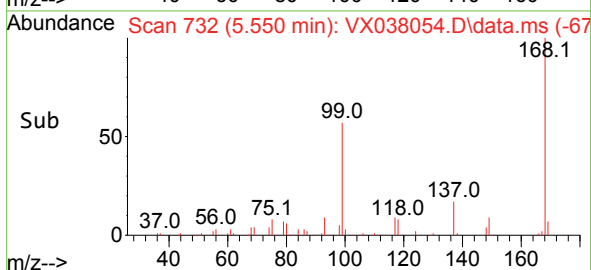
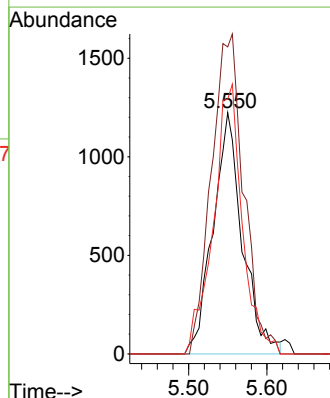
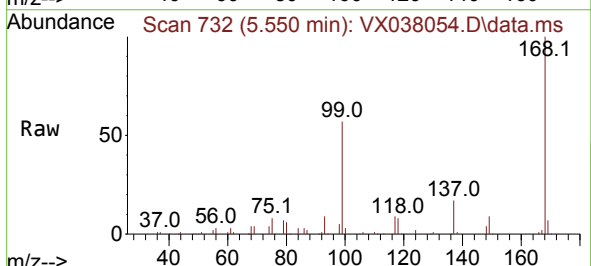
Tgt Ion: 56 Resp: 3186

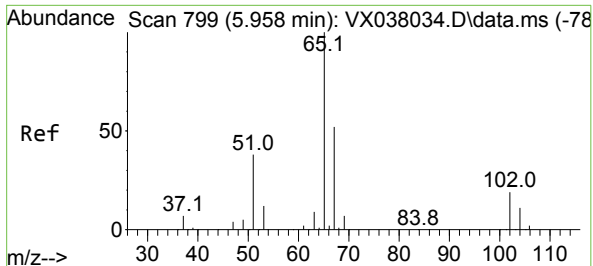
Ion Ratio Lower Upper

56 100

69 127.2 23.4 35.2#

84 105.6 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.418 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038054.D

Acq: 04 Oct 2023 10:49

Instrument :

MSVOA_X

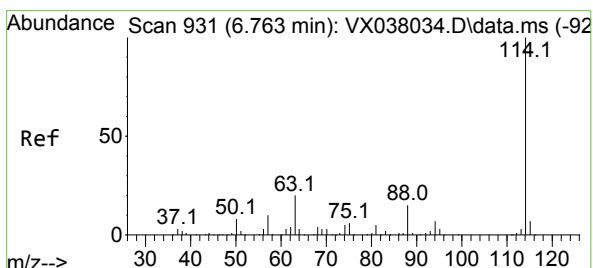
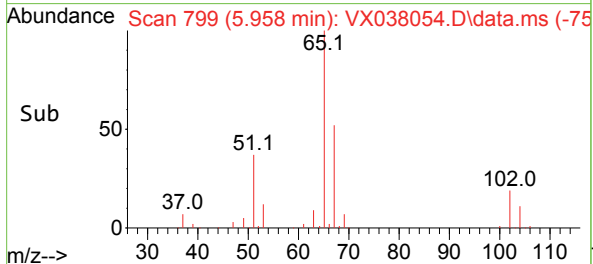
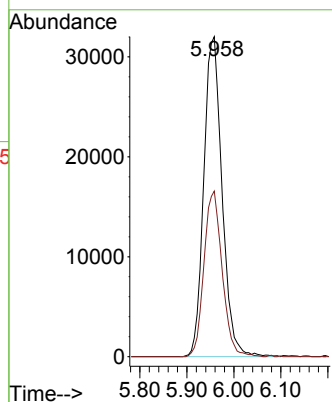
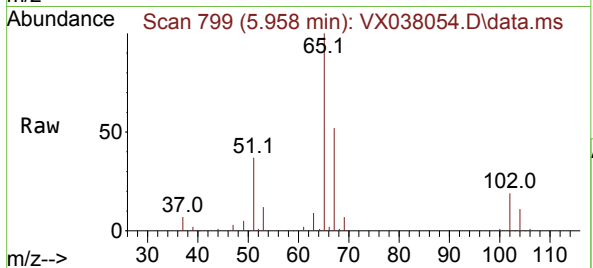
ClientSampleId :

Tgt Ion: 65 Resp: 86546

Ion Ratio Lower Upper

65 100

67 51.4 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: VX038054.D

Acq: 04 Oct 2023 10:49

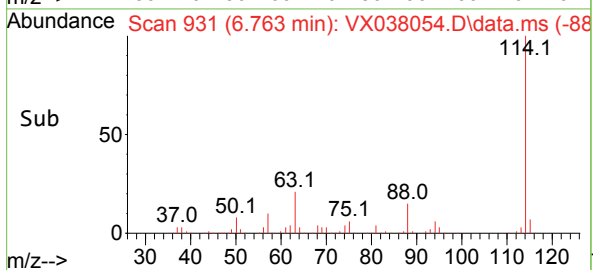
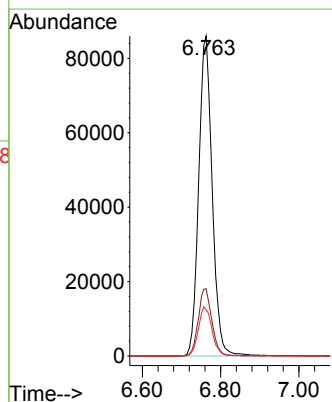
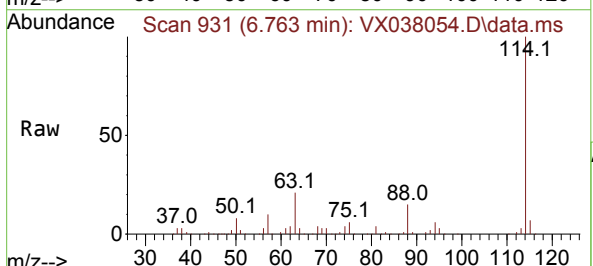
Tgt Ion: 114 Resp: 206335

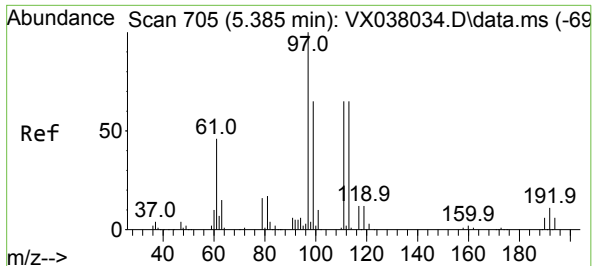
Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.0

88 14.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.203 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX038054.D

Acq: 04 Oct 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

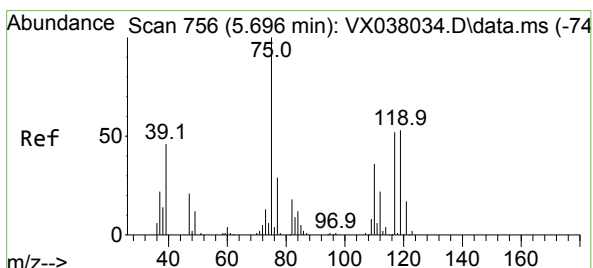
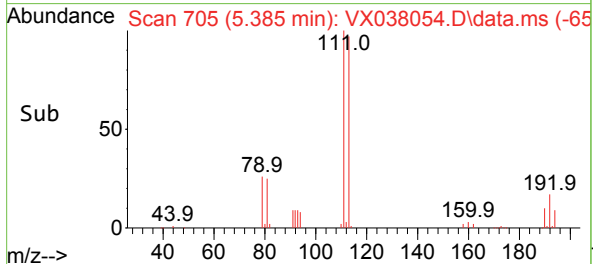
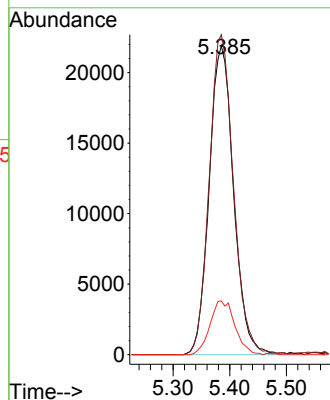
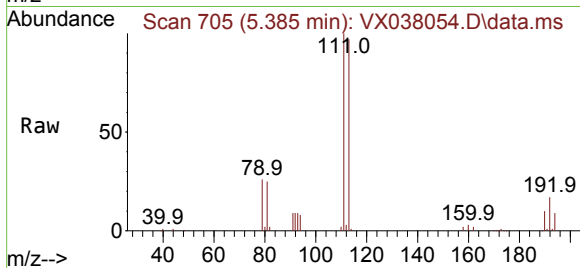
Tgt Ion:113 Resp: 65403

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

192 17.8 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.951 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX038054.D

Acq: 04 Oct 2023 10:49

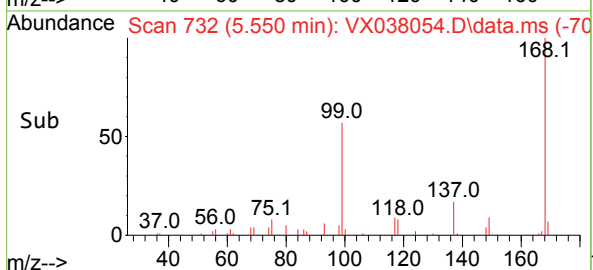
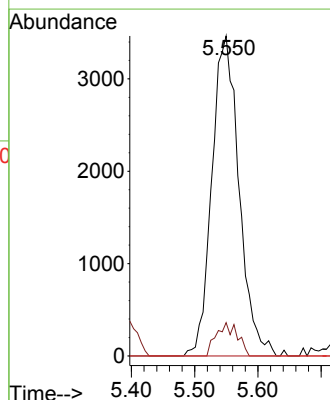
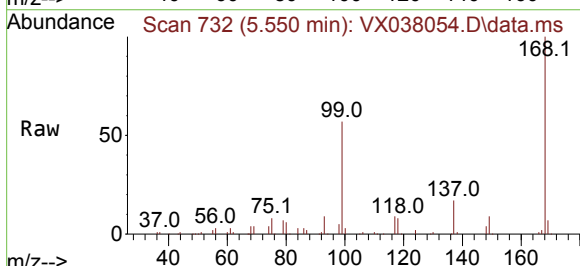
Tgt Ion: 75 Resp: 10329

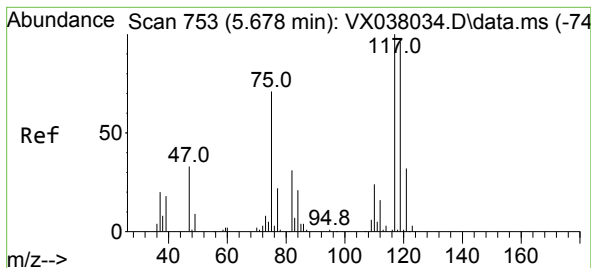
Ion Ratio Lower Upper

75 100

110 8.1 17.0 50.9#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.067 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.134 min

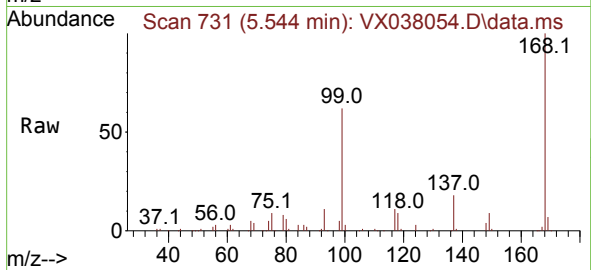
Lab File: VX038054.D

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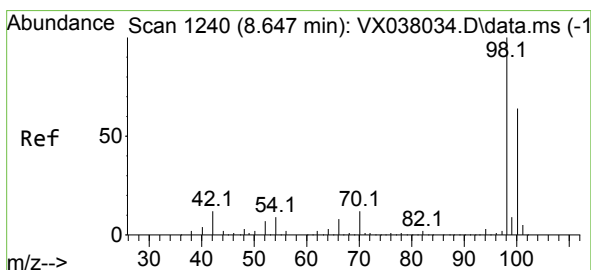
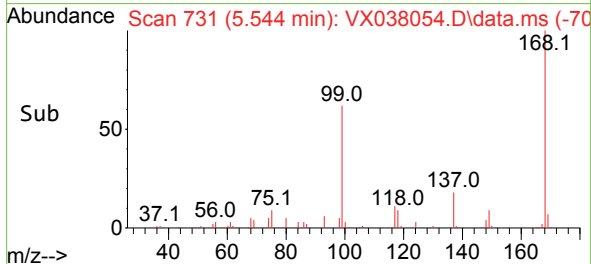
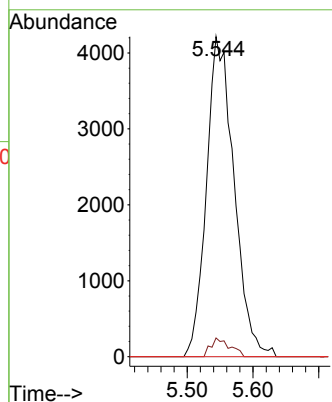
Tgt Ion:117 Resp: 12315

Ion Ratio Lower Upper

117 100

119 5.9 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 48.128 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX038054.D

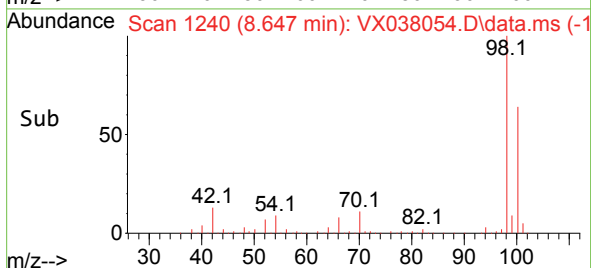
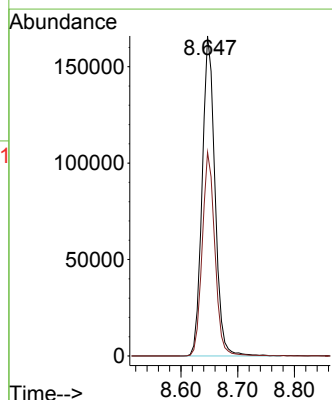
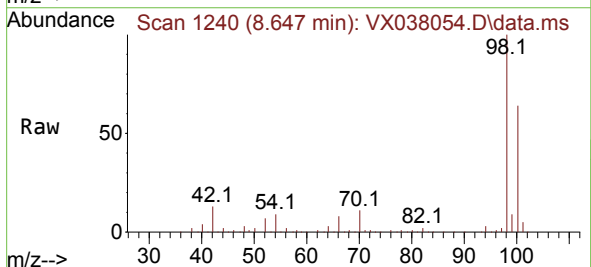
Acq: 04 Oct 2023 10:49

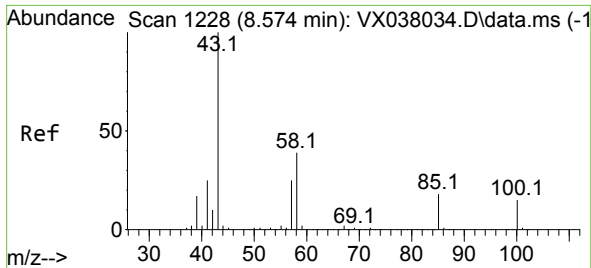
Tgt Ion: 98 Resp: 260725

Ion Ratio Lower Upper

98 100

100 63.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.477 ug/l

RT: 8.647 min Scan# 1228

Delta R.T. 0.073 min

Lab File: VX038054.D

Acq: 04 Oct 2023 10:49

Instrument :

MSVOA_X

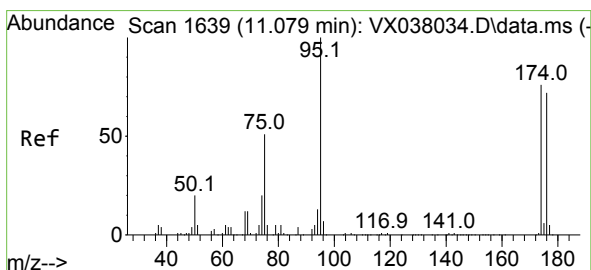
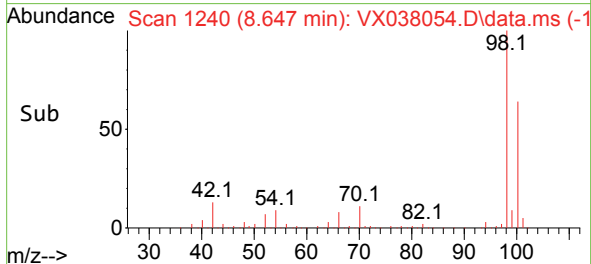
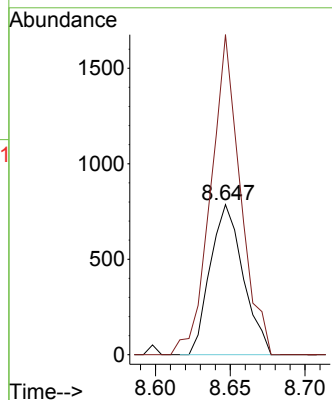
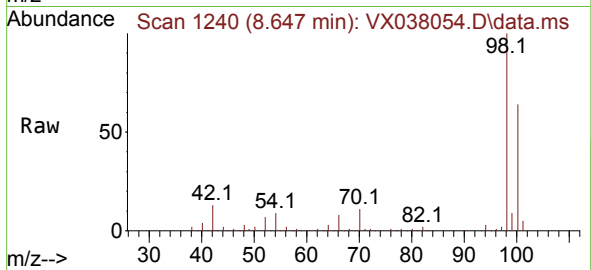
ClientSampleId :

Tgt Ion: 43 Resp: 1204

Ion Ratio Lower Upper

43 100

58 191.9 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 47.951 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX038054.D

Acq: 04 Oct 2023 10:49

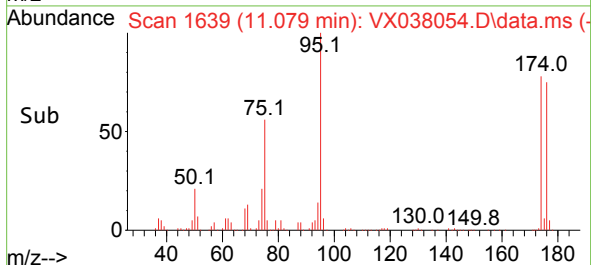
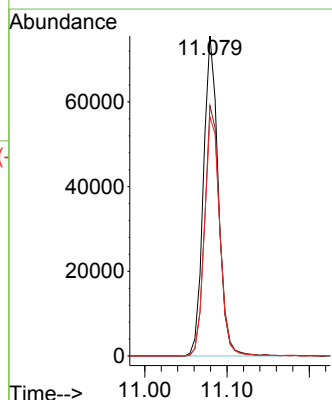
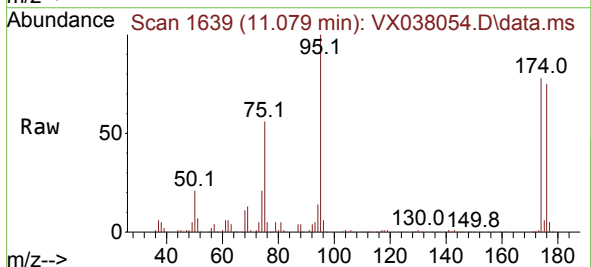
Tgt Ion: 95 Resp: 94540

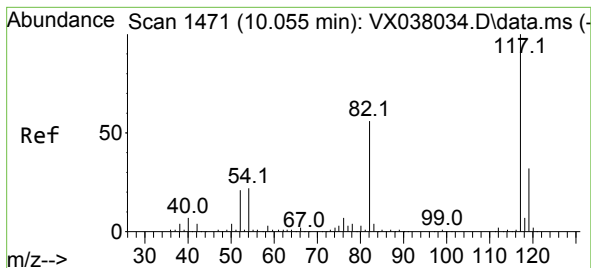
Ion Ratio Lower Upper

95 100

174 79.6 0.0 135.6

176 77.1 0.0 131.0

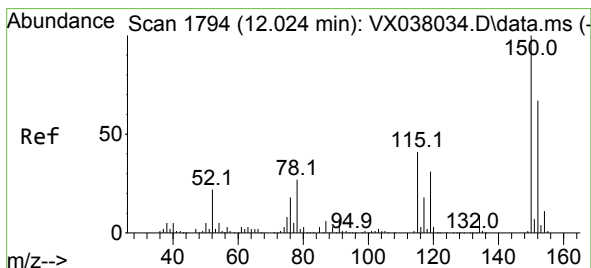
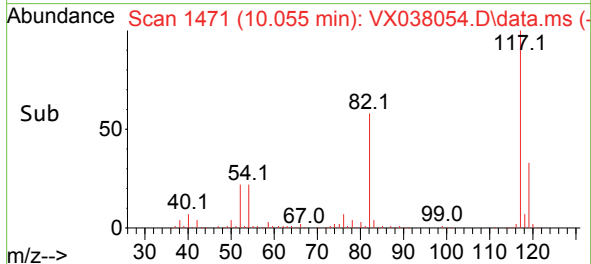
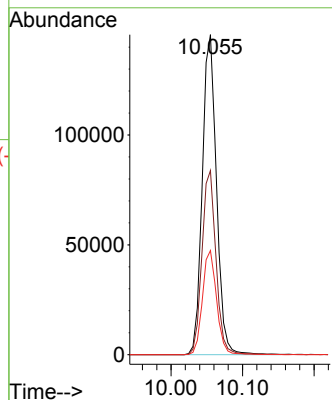
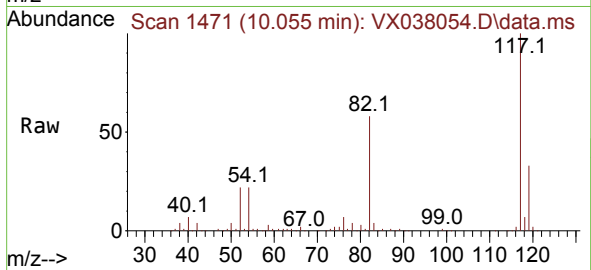




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038054.D
Acq: 04 Oct 2023 10:49

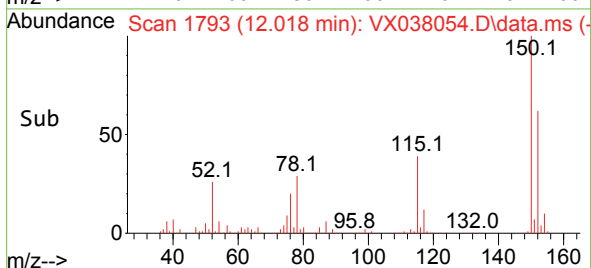
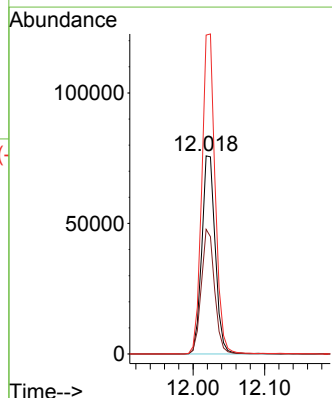
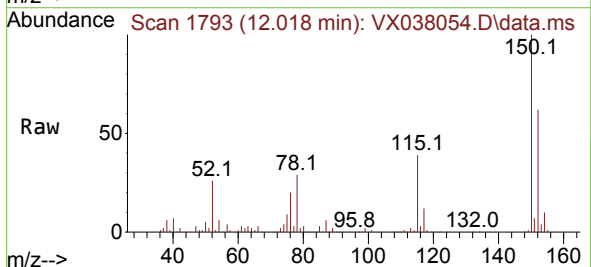
Instrument :
MSVOA_X
ClientSampleId :

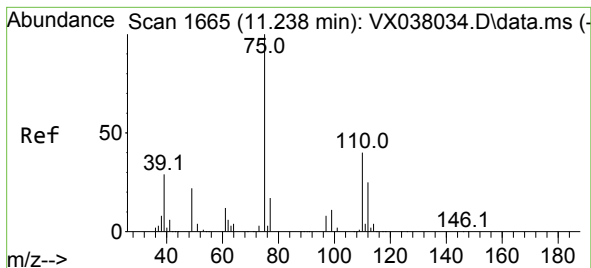
Tgt Ion:117 Resp: 200827
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.4
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX038054.D
Acq: 04 Oct 2023 10:49

Tgt Ion:152 Resp: 99360
Ion Ratio Lower Upper
152 100
115 61.8 43.3 129.9
150 160.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.393 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038054.D

Acq: 04 Oct 2023 10:49

Instrument :

MSVOA_X

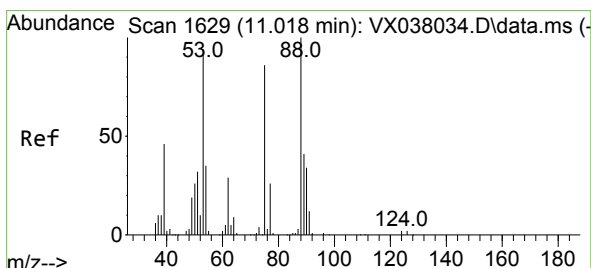
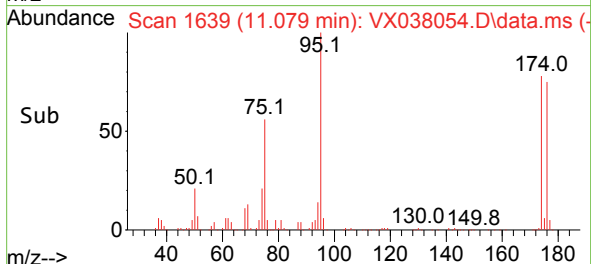
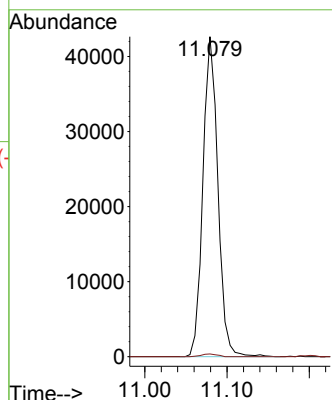
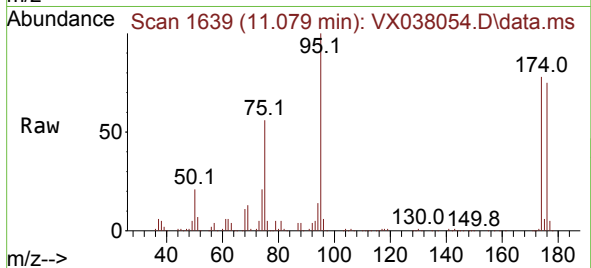
ClientSampleId :

Tgt Ion: 75 Resp: 53844

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.005 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038054.D

Acq: 04 Oct 2023 10:49

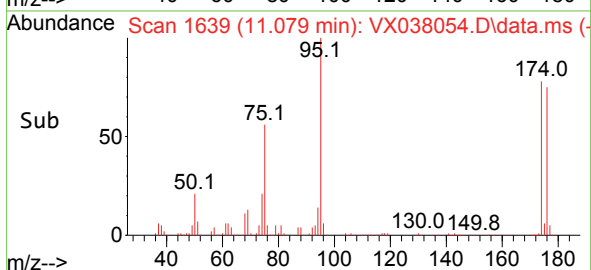
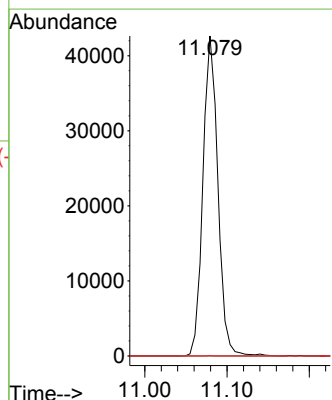
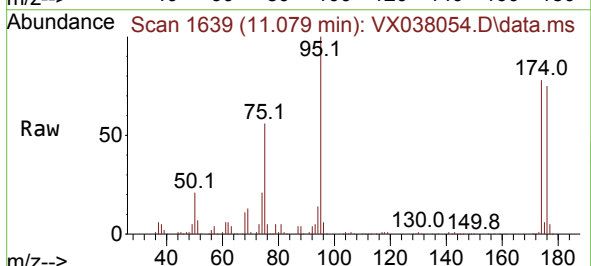
Tgt Ion: 75 Resp: 53844

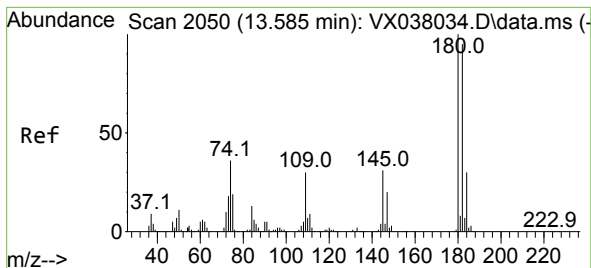
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.291 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX038054.D

Acq: 04 Oct 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

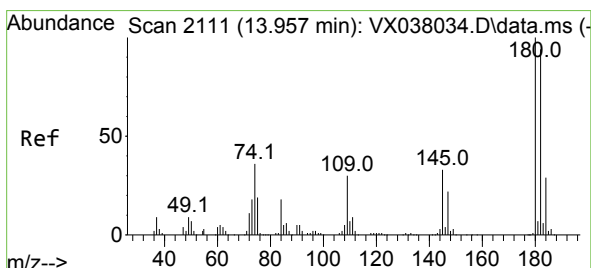
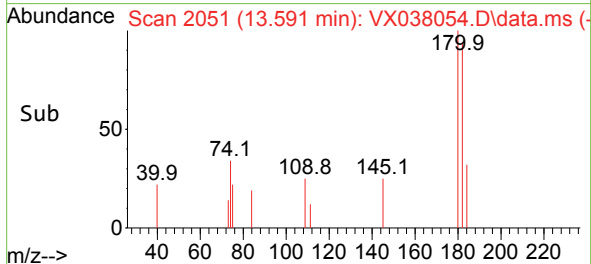
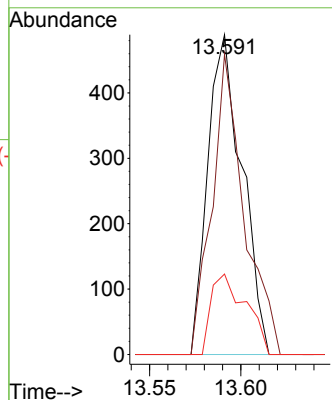
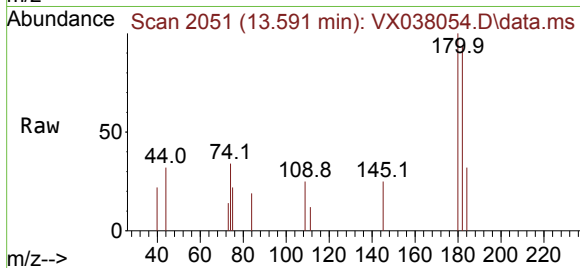
Tgt Ion:180 Resp: 636

Ion Ratio Lower Upper

180 100

182 88.2 48.3 144.8

145 25.6 18.0 54.0



#96

1,2,3-Trichlorobenzene

Concen: 0.226 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX038054.D

Acq: 04 Oct 2023 10:49

Tgt Ion:180 Resp: 478

Ion Ratio Lower Upper

180 100

182 82.6 46.9 140.6

145 23.0 17.8 53.5

