

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038264.D
 Acq On : 12 Oct 2023 18:09
 Operator : JC/MD
 Sample : 04875-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-13-37-40

Quant Time: Oct 13 04:53:43 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)

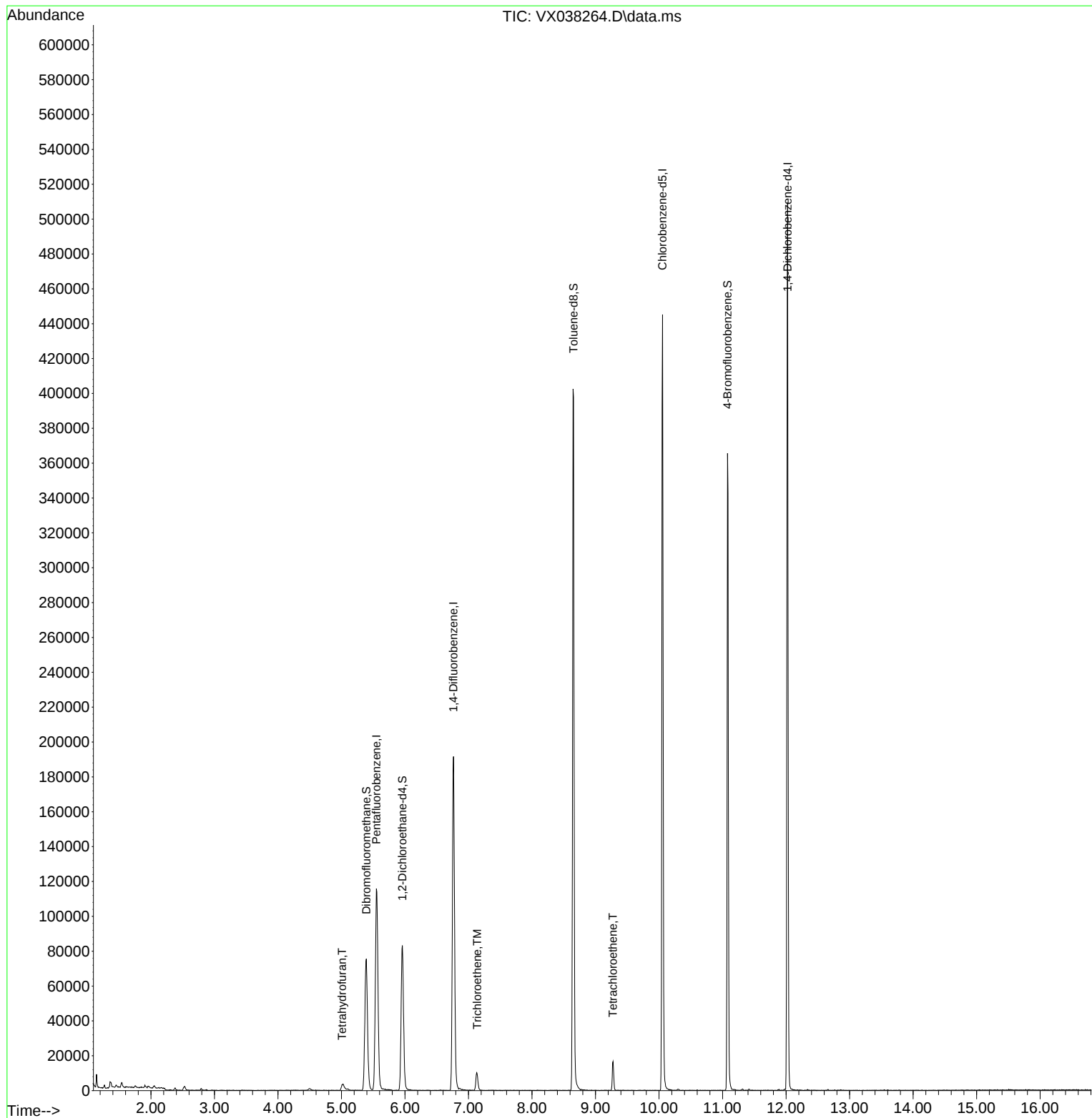
Internal Standards						
1) Pentafluorobenzene	5.550	168	108917	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	193385	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79850	45.580	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.160%
35) Dibromofluoromethane	5.391	113	64425	46.234	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.460%
50) Toluene-d8	8.653	98	247903	46.557	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.120%
62) 4-Bromofluorobenzene	11.079	95	93686	46.410	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.820%
Target Compounds						
					Qvalue	
29) Tetrahydrofuran	5.007	42	3253	4.235	ug/l	93
44) Trichloroethene	7.135	130	4178	2.972	ug/l	78
64) Tetrachloroethene	9.275	164	3122	2.400	ug/l	85

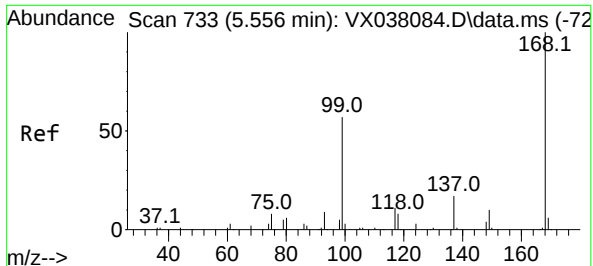
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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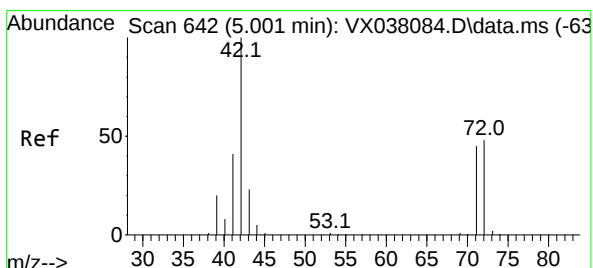
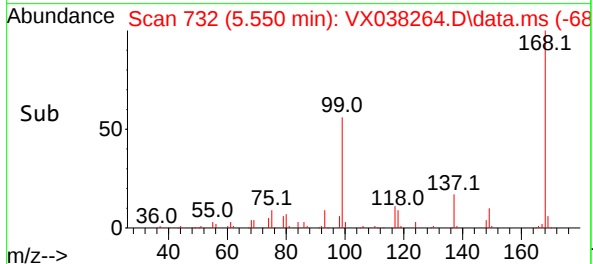
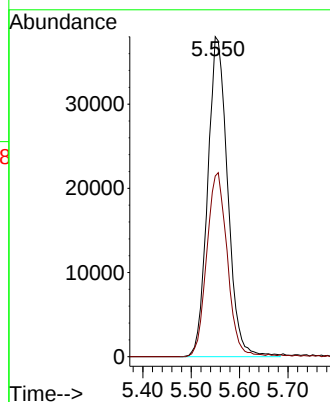
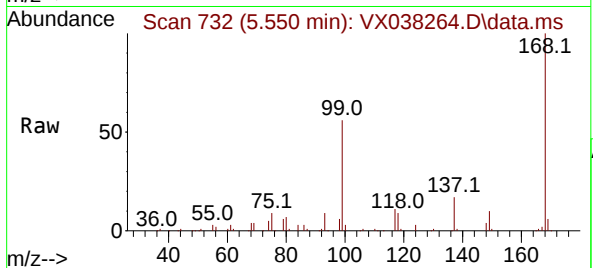




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038264.D
Acq: 12 Oct 2023 18:09

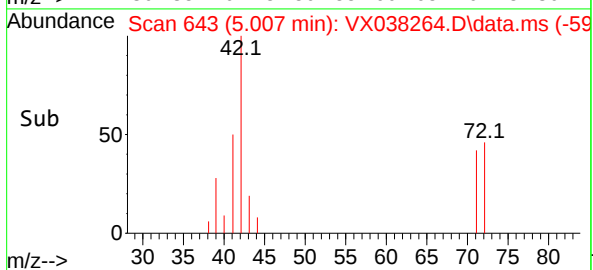
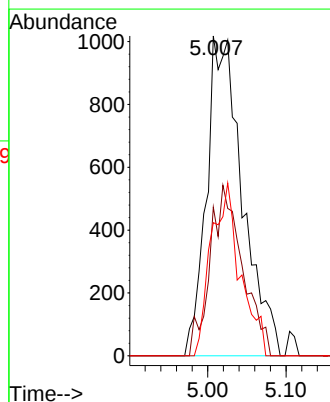
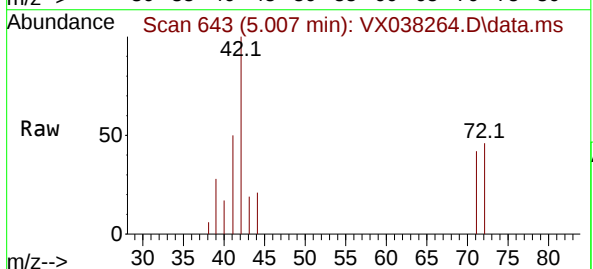
Instrument :
MSVOA_X
ClientSampleId :
GW-13-37-40

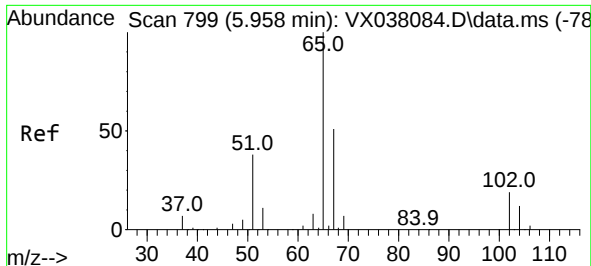
Tgt Ion:168 Resp: 108917
Ion Ratio Lower Upper
168 100
99 56.5 56.6 85.0#



#29
Tetrahydrofuran
Concen: 4.235 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.006 min
Lab File: VX038264.D
Acq: 12 Oct 2023 18:09

Tgt Ion: 42 Resp: 3253
Ion Ratio Lower Upper
42 100
72 48.2 34.2 51.4
71 43.7 32.2 48.2





#33

1,2-Dichloroethane-d4

Concen: 45.580 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038264.D

Acq: 12 Oct 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :

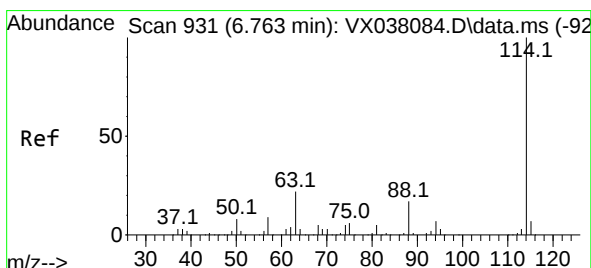
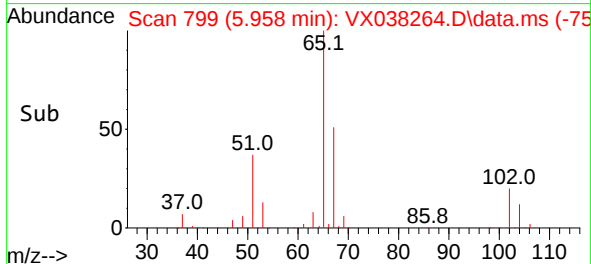
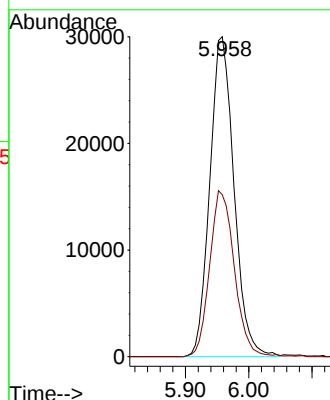
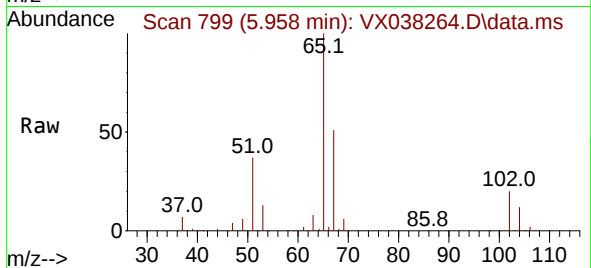
GW-13-37-40

Tgt Ion: 65 Resp: 79850

Ion Ratio Lower Upper

65 100

67 52.9 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: VX038264.D

Acq: 12 Oct 2023 18:09

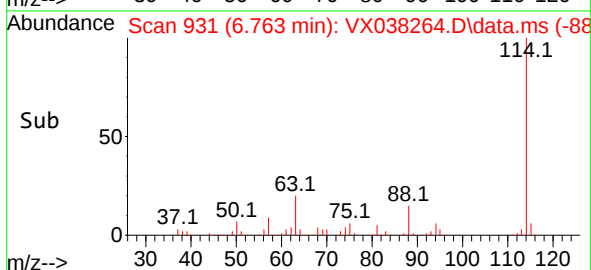
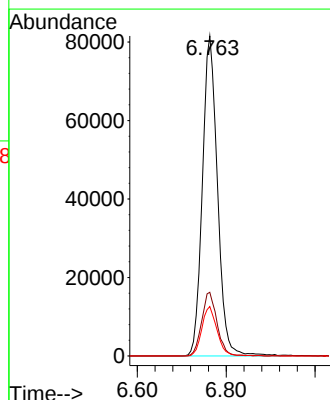
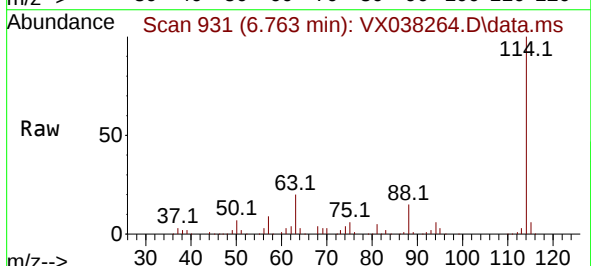
Tgt Ion: 114 Resp: 193385

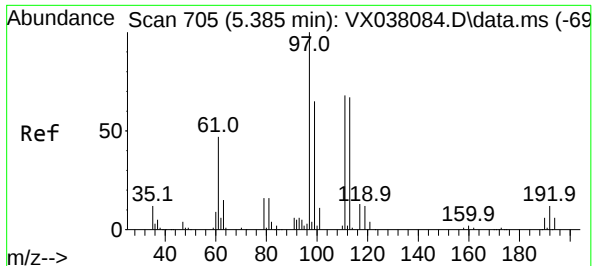
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 15.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.234 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX038264.D

Acq: 12 Oct 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :

GW-13-37-40

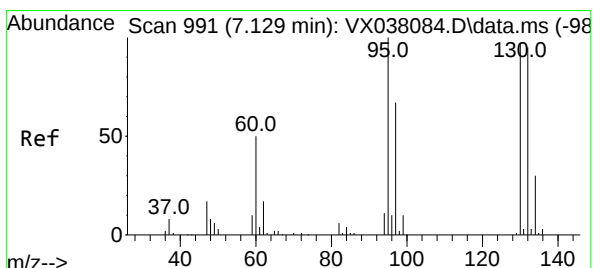
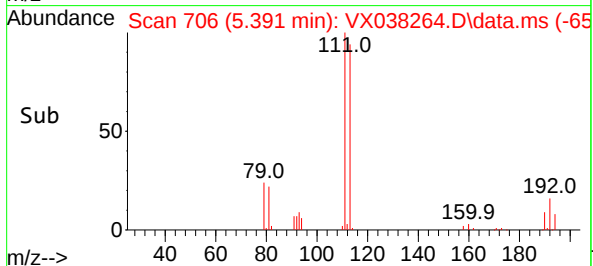
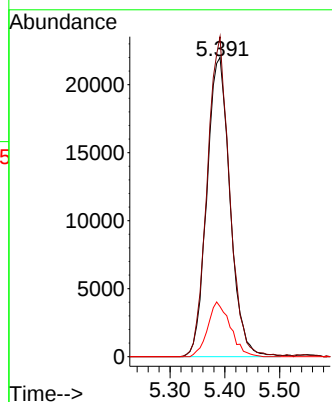
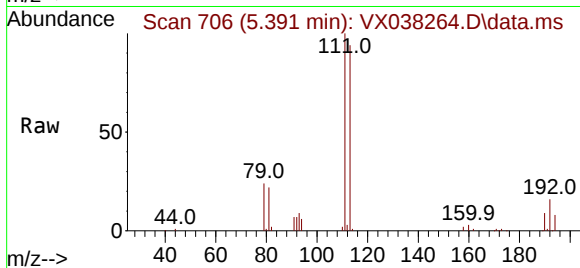
Tgt Ion:113 Resp: 64425

Ion Ratio Lower Upper

113 100

111 103.5 82.9 124.3

192 17.9 13.3 19.9



#44

Trichloroethene

Concen: 2.972 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX038264.D

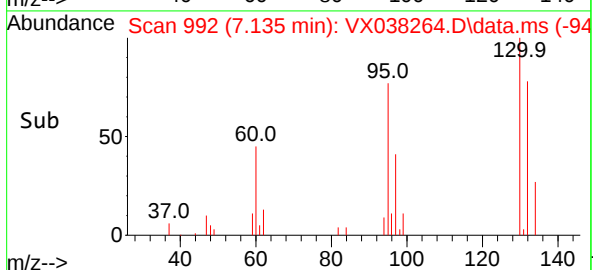
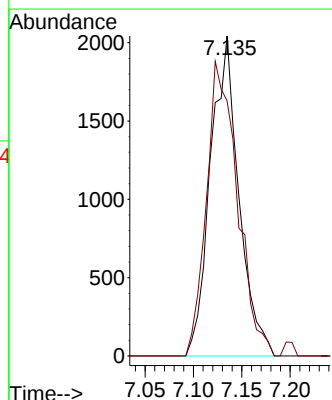
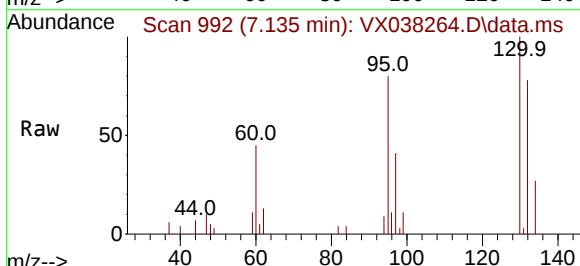
Acq: 12 Oct 2023 18:09

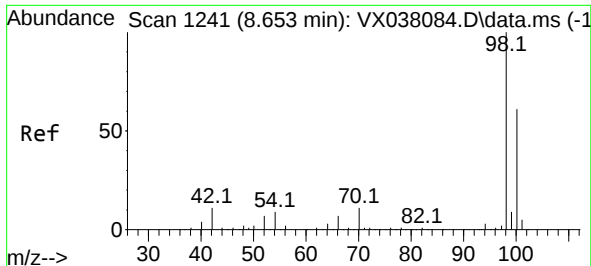
Tgt Ion:130 Resp: 4178

Ion Ratio Lower Upper

130 100

95 79.7 0.0 204.4

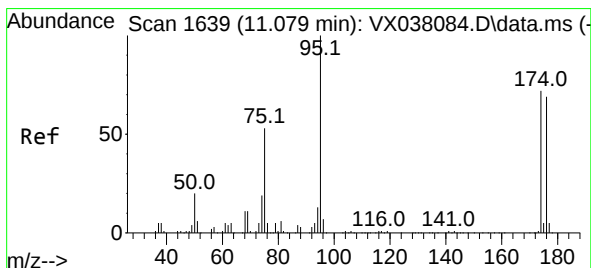
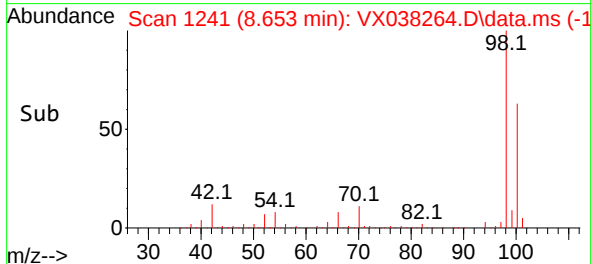
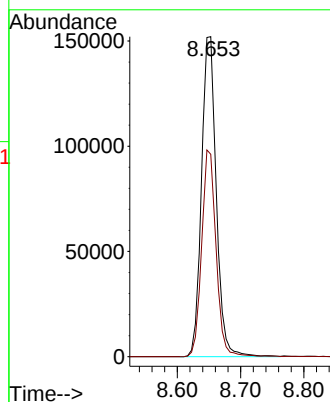
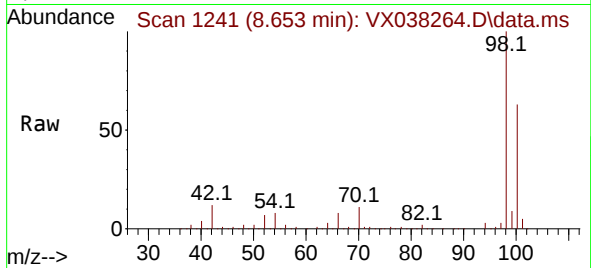




#50
Toluene-d8
Concen: 46.557 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038264.D
Acq: 12 Oct 2023 18:09

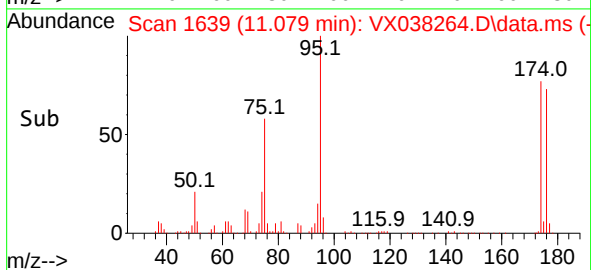
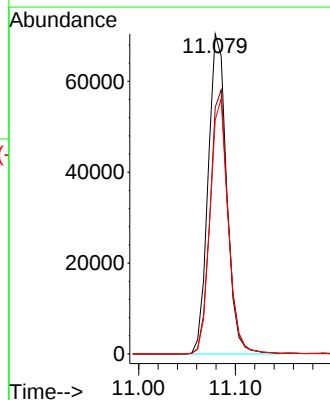
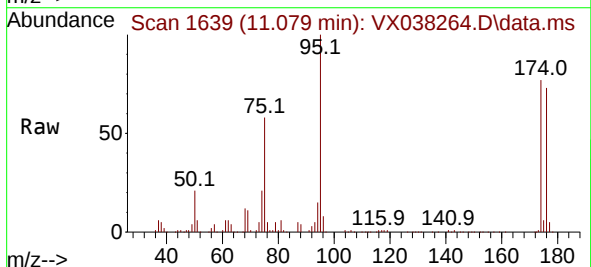
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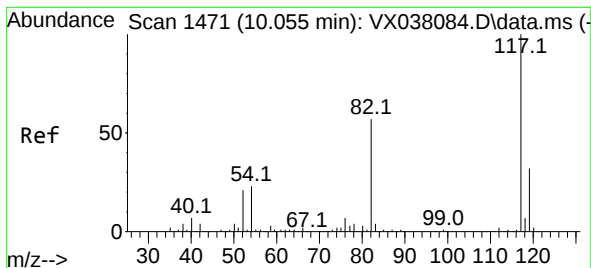
Tgt Ion: 98 Resp: 247903
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.410 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038264.D
Acq: 12 Oct 2023 18:09

Tgt Ion: 95 Resp: 93686
Ion Ratio Lower Upper
95 100
174 81.2 0.0 135.6
176 78.1 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: VX038264.D

Acq: 12 Oct 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :

GW-13-37-40

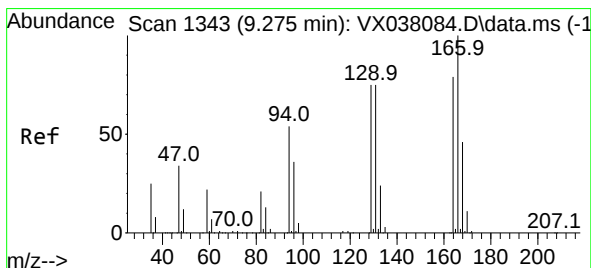
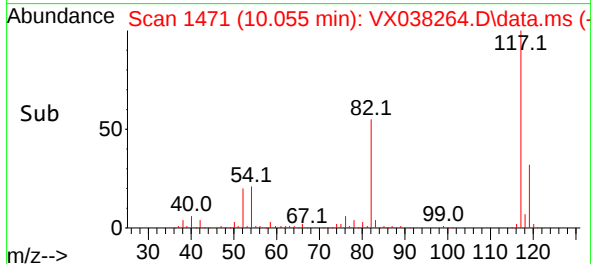
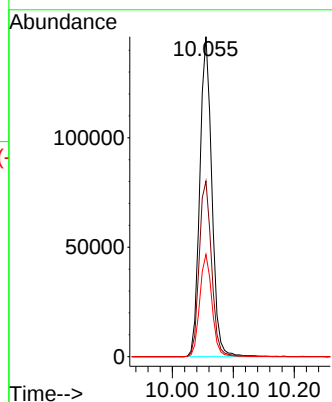
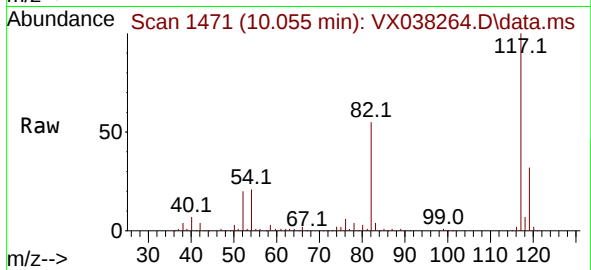
Tgt Ion:117 Resp: 200958

Ion Ratio Lower Upper

117 100

82 54.8 46.2 69.4

119 32.0 25.5 38.3



#64

Tetrachloroethene

Concen: 2.400 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX038264.D

Acq: 12 Oct 2023 18:09

Tgt Ion:164 Resp: 3122

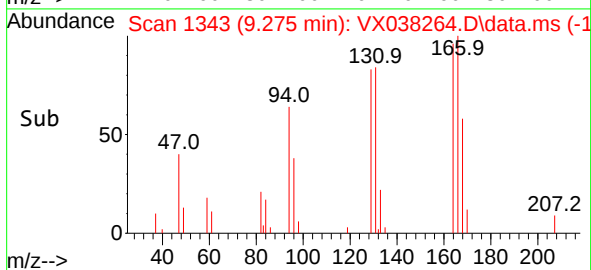
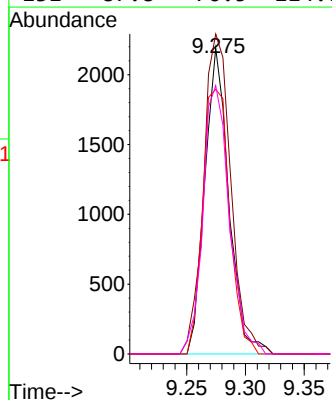
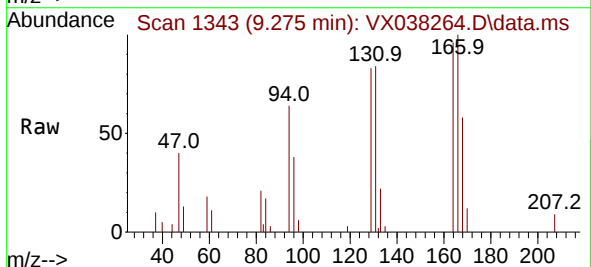
Ion Ratio Lower Upper

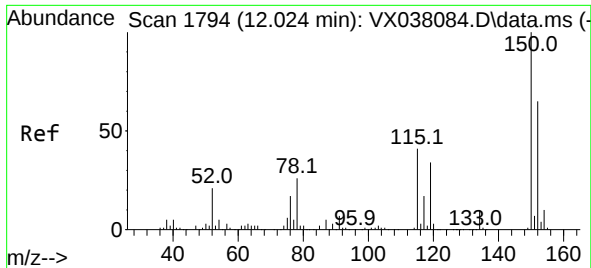
164 100

166 104.7 102.7 154.1

129 86.6 80.4 120.6

131 87.8 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038264.D

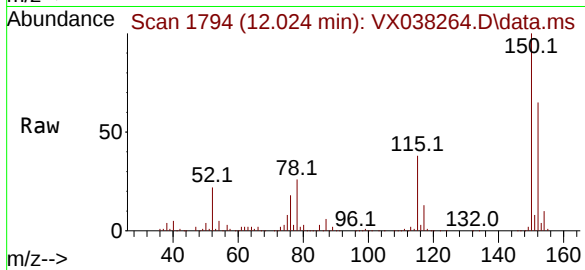
Acq: 12 Oct 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :

GW-13-37-40



Tgt Ion:152 Resp: 104314

Ion Ratio Lower Upper

152 100

115 60.0 43.3 129.9

150 155.5 0.0 345.0

