

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038431.D
 Acq On : 23 Oct 2023 14:41
 Operator : JC/MD
 Sample : 05007-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-23-23-26

Quant Time: Oct 24 00:02:34 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)

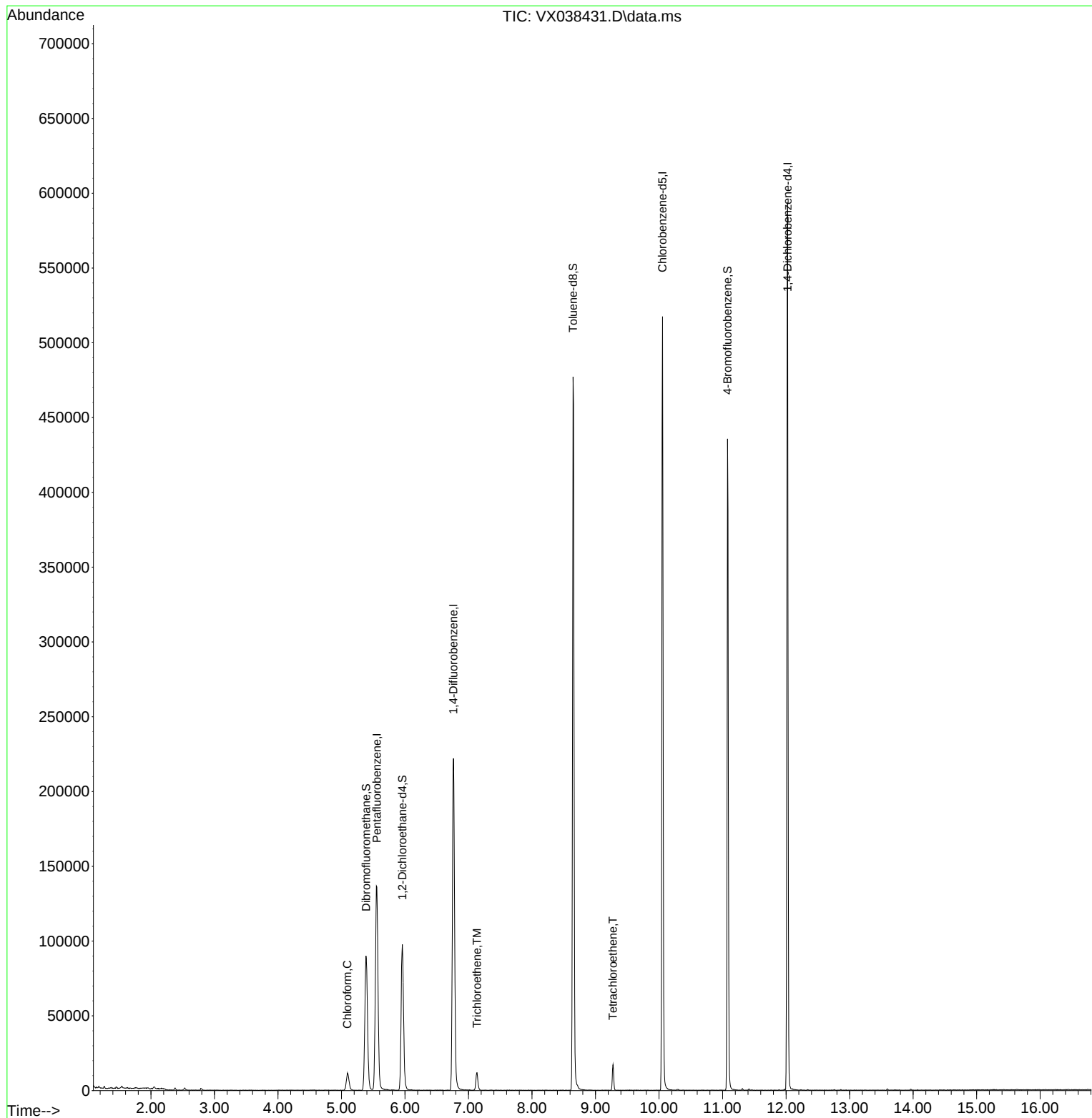
Internal Standards						
1) Pentafluorobenzene	5.556	168	130905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234457	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93895	44.595	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.180%
35) Dibromofluoromethane	5.385	113	78523	46.480	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.960%
50) Toluene-d8	8.647	98	293117	45.405	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.800%#
62) 4-Bromofluorobenzene	11.079	95	110713	45.237	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.480%
Target Compounds						
					Qvalue	
30) Chloroform	5.092	83	13743	4.612	ug/l	97
44) Trichloroethene	7.135	130	4830	2.834	ug/l	90
64) Tetrachloroethene	9.274	164	3029	1.966	ug/l	96

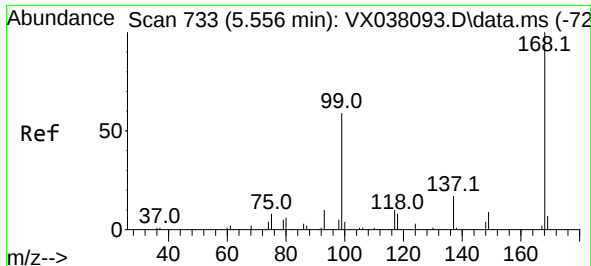
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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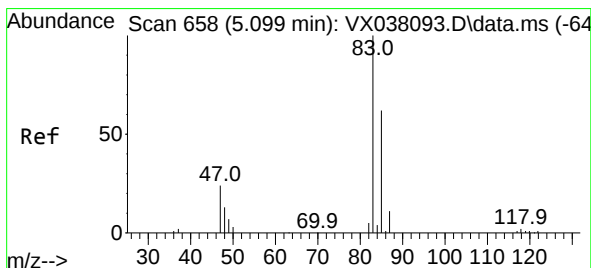
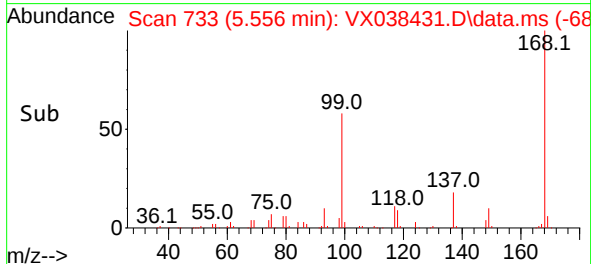
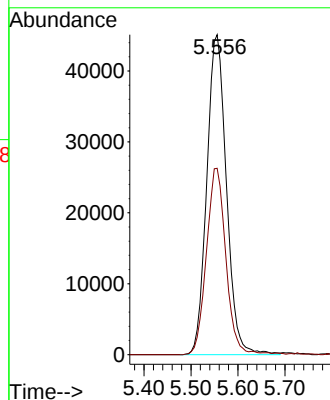
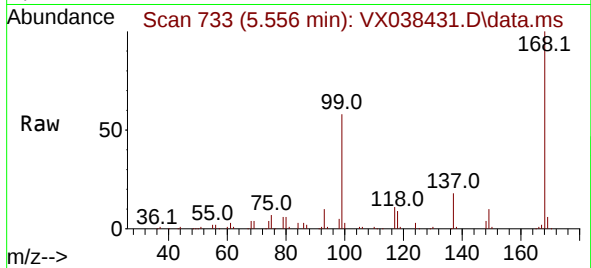




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038431.D
Acq: 23 Oct 2023 14:41

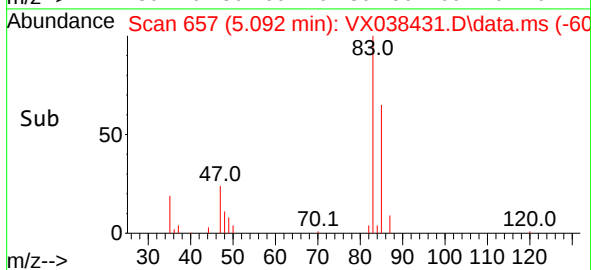
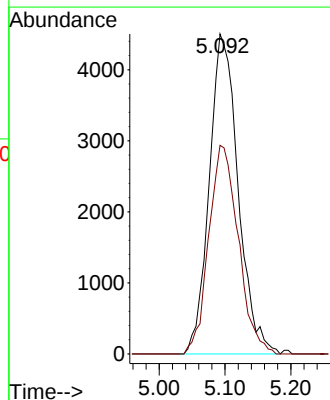
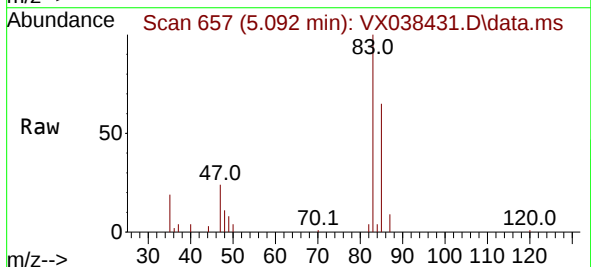
Instrument :
MSVOA_X
ClientSampleId :
GW-23-23-26

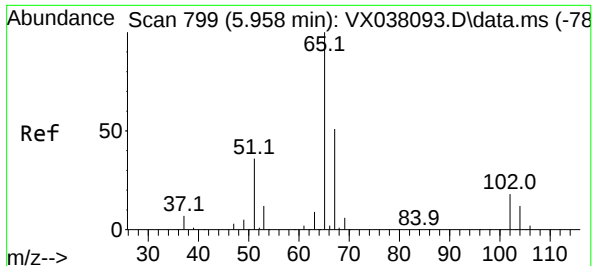
Tgt Ion:168 Resp: 130905
Ion Ratio Lower Upper
168 100
99 58.2 56.6 85.0



#30
Chloroform
Concen: 4.612 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.001 min
Lab File: VX038431.D
Acq: 23 Oct 2023 14:41

Tgt Ion: 83 Resp: 13743
Ion Ratio Lower Upper
83 100
85 65.2 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 44.595 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038431.D

Acq: 23 Oct 2023 14:41

Instrument :

MSVOA_X

ClientSampleId :

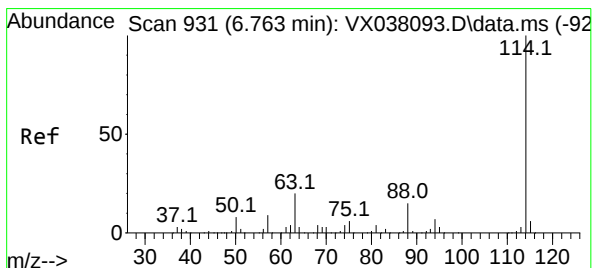
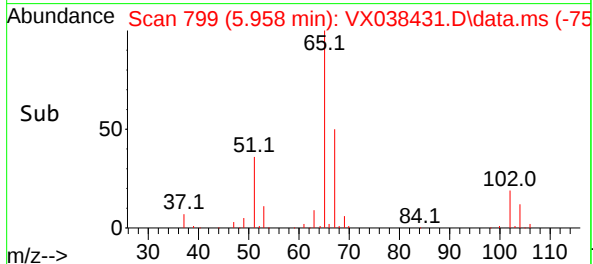
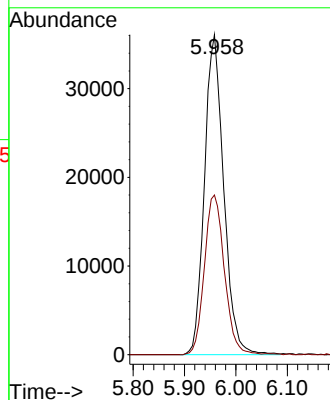
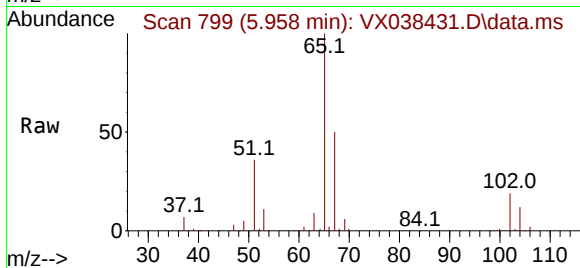
GW-23-23-26

Tgt Ion: 65 Resp: 93895

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: VX038431.D

Acq: 23 Oct 2023 14:41

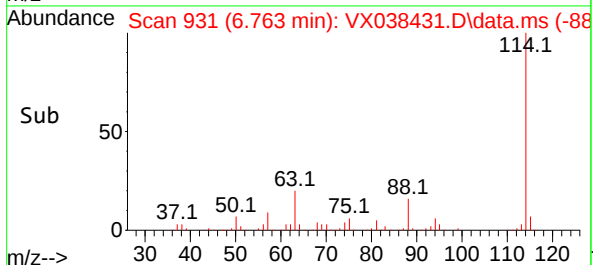
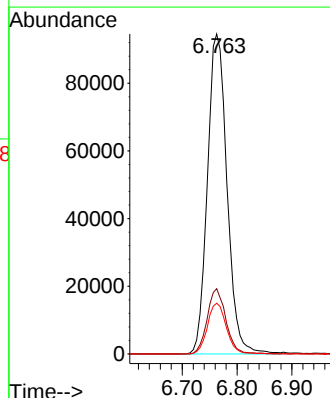
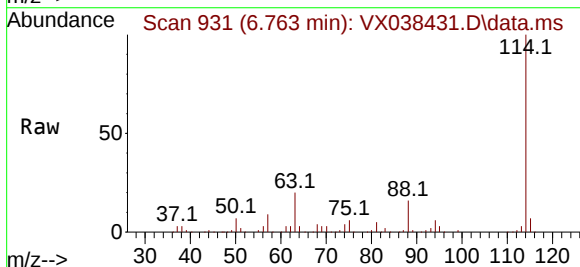
Tgt Ion: 114 Resp: 234457

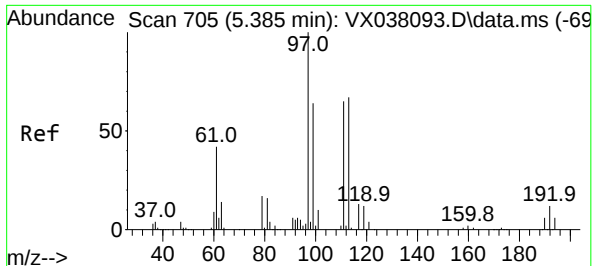
Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.0

88 15.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.480 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX038431.D

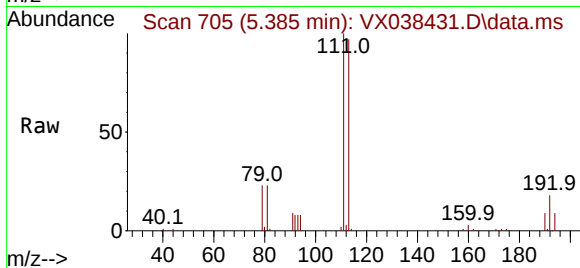
Acq: 23 Oct 2023 14:41

Instrument :

MSVOA_X

ClientSampleId :

GW-23-23-26



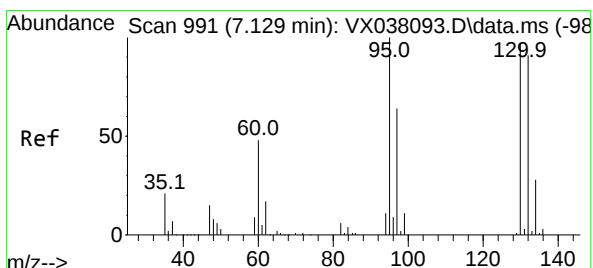
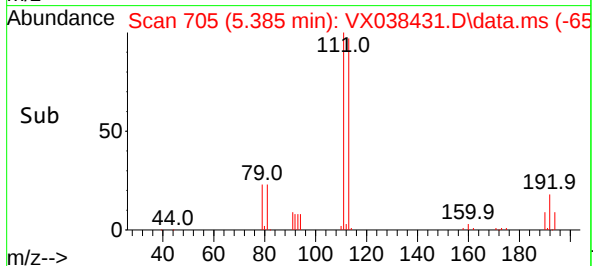
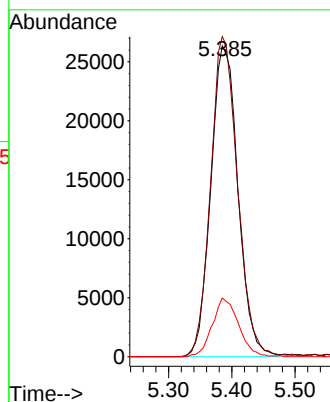
Tgt Ion:113 Resp: 78523

Ion Ratio Lower Upper

113 100

111 102.1 82.9 124.3

192 18.3 13.3 19.9



#44

Trichloroethene

Concen: 2.834 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX038431.D

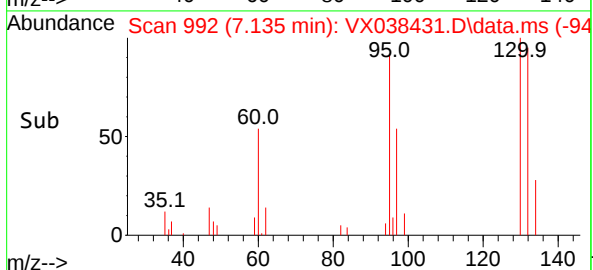
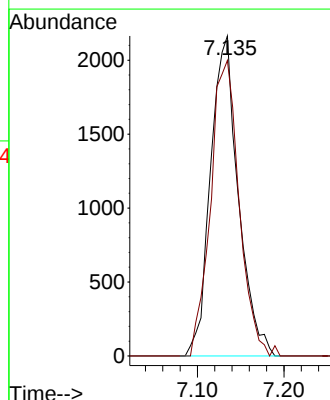
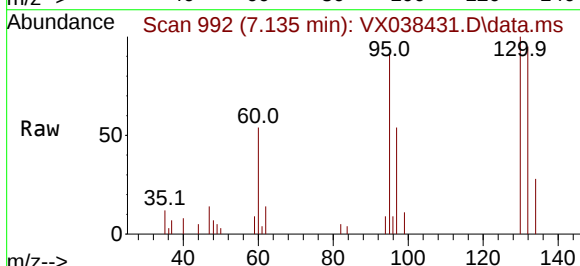
Acq: 23 Oct 2023 14:41

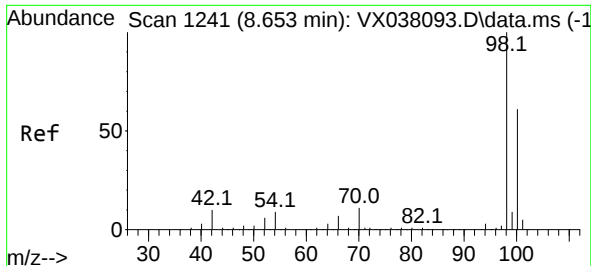
Tgt Ion:130 Resp: 4830

Ion Ratio Lower Upper

130 100

95 92.3 0.0 204.4

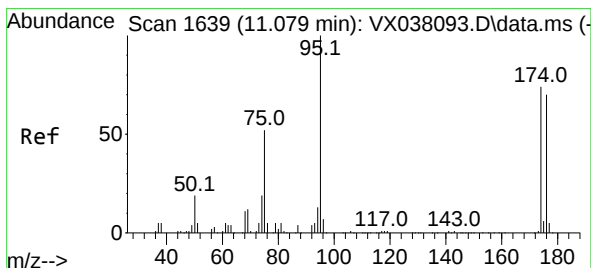
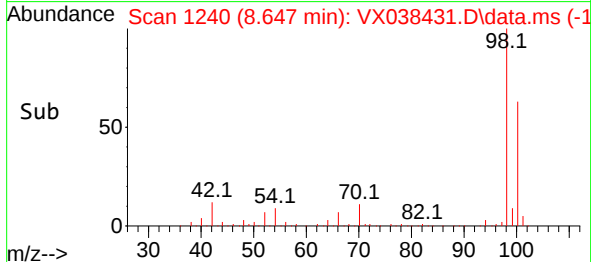
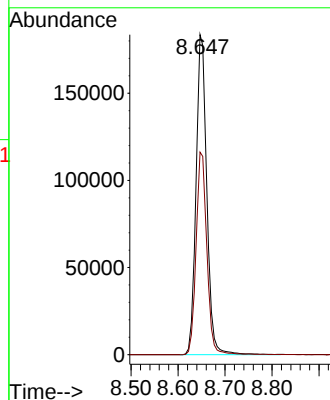
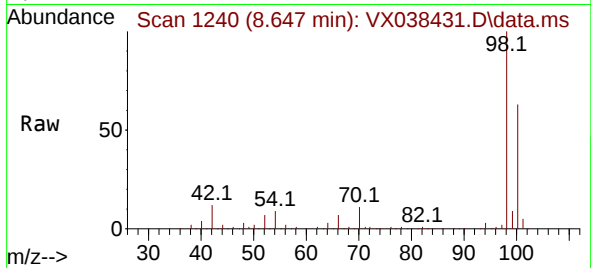




#50
Toluene-d8
Concen: 45.405 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038431.D
Acq: 23 Oct 2023 14:41

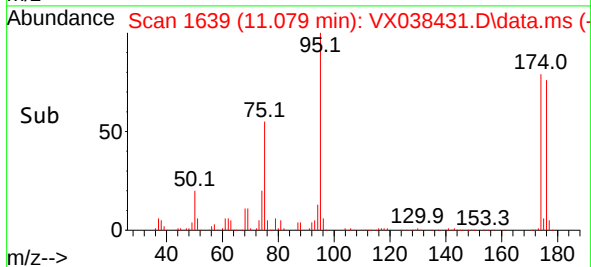
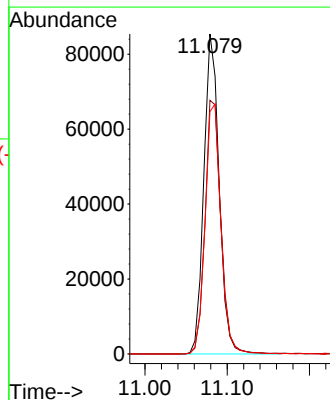
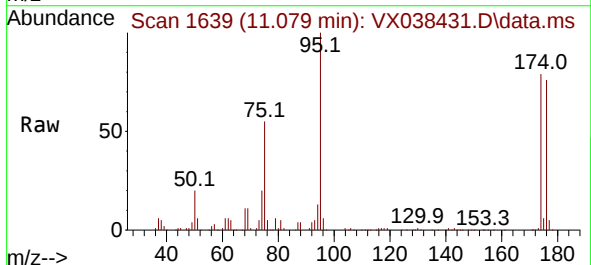
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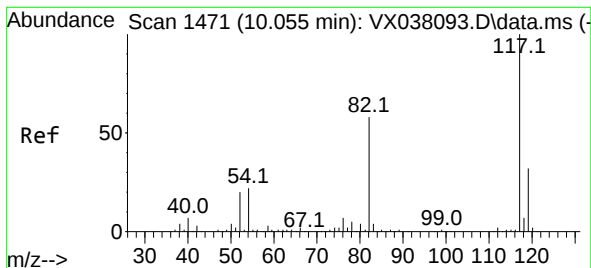
Tgt Ion: 98 Resp: 293117
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.237 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038431.D
Acq: 23 Oct 2023 14:41

Tgt Ion: 95 Resp: 110713
Ion Ratio Lower Upper
95 100
174 81.9 0.0 135.6
176 80.2 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: VX038431.D

Acq: 23 Oct 2023 14:41

Instrument :

MSVOA_X

ClientSampleId :

GW-23-23-26

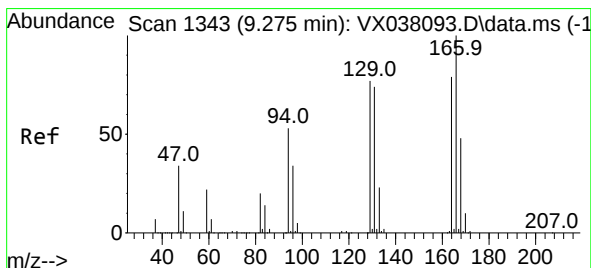
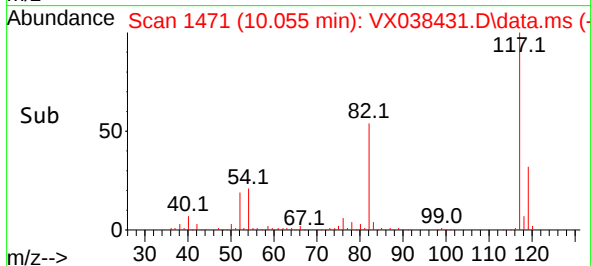
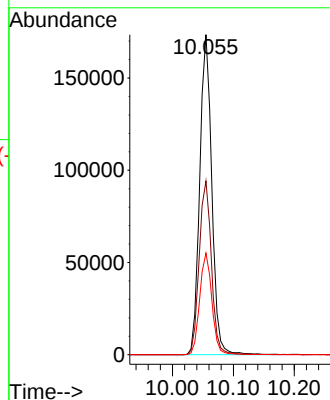
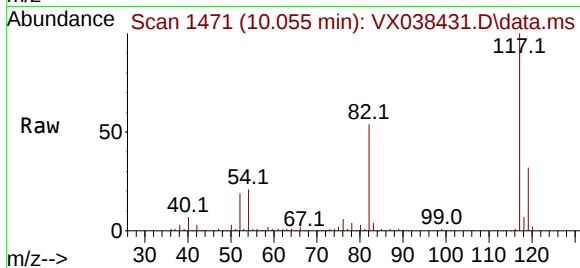
Tgt Ion:117 Resp: 238012

Ion Ratio Lower Upper

117 100

82 54.3 46.2 69.4

119 31.8 25.5 38.3



#64

Tetrachloroethene

Concen: 1.966 ug/l

RT: 9.274 min Scan# 1343

Delta R.T. -0.001 min

Lab File: VX038431.D

Acq: 23 Oct 2023 14:41

Tgt Ion:164 Resp: 3029

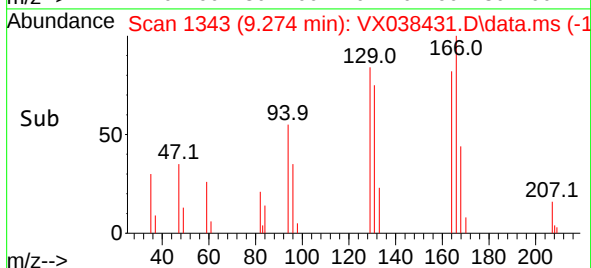
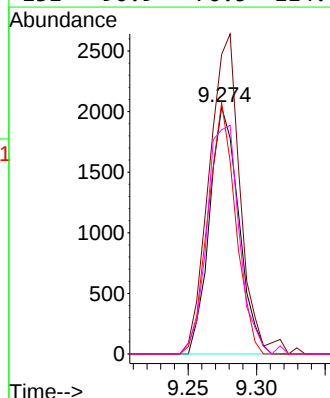
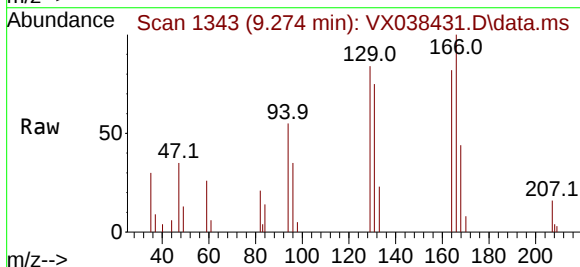
Ion Ratio Lower Upper

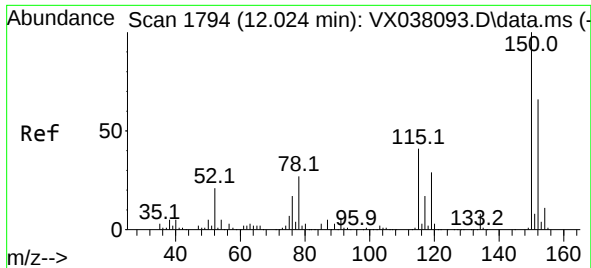
164 100

166 121.4 102.7 154.1

129 102.0 80.4 120.6

131 90.9 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: VX038431.D

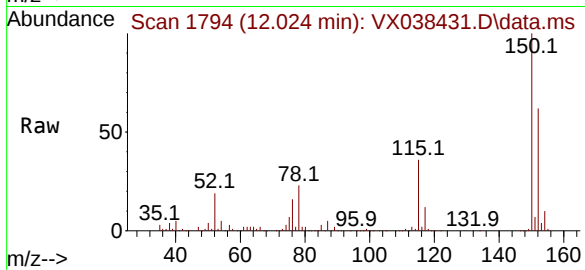
Acq: 23 Oct 2023 14:41

Instrument :

MSVOA_X

ClientSampleId :

GW-23-23-26



Tgt Ion:152 Resp: 123650

Ion Ratio Lower Upper

152 100

115 59.4 43.3 129.9

150 159.0 0.0 345.0

