

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038432.D
 Acq On : 23 Oct 2023 15:04
 Operator : JC/MD
 Sample : 05007-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-23-37-40

Quant Time: Oct 24 00:02:57 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)

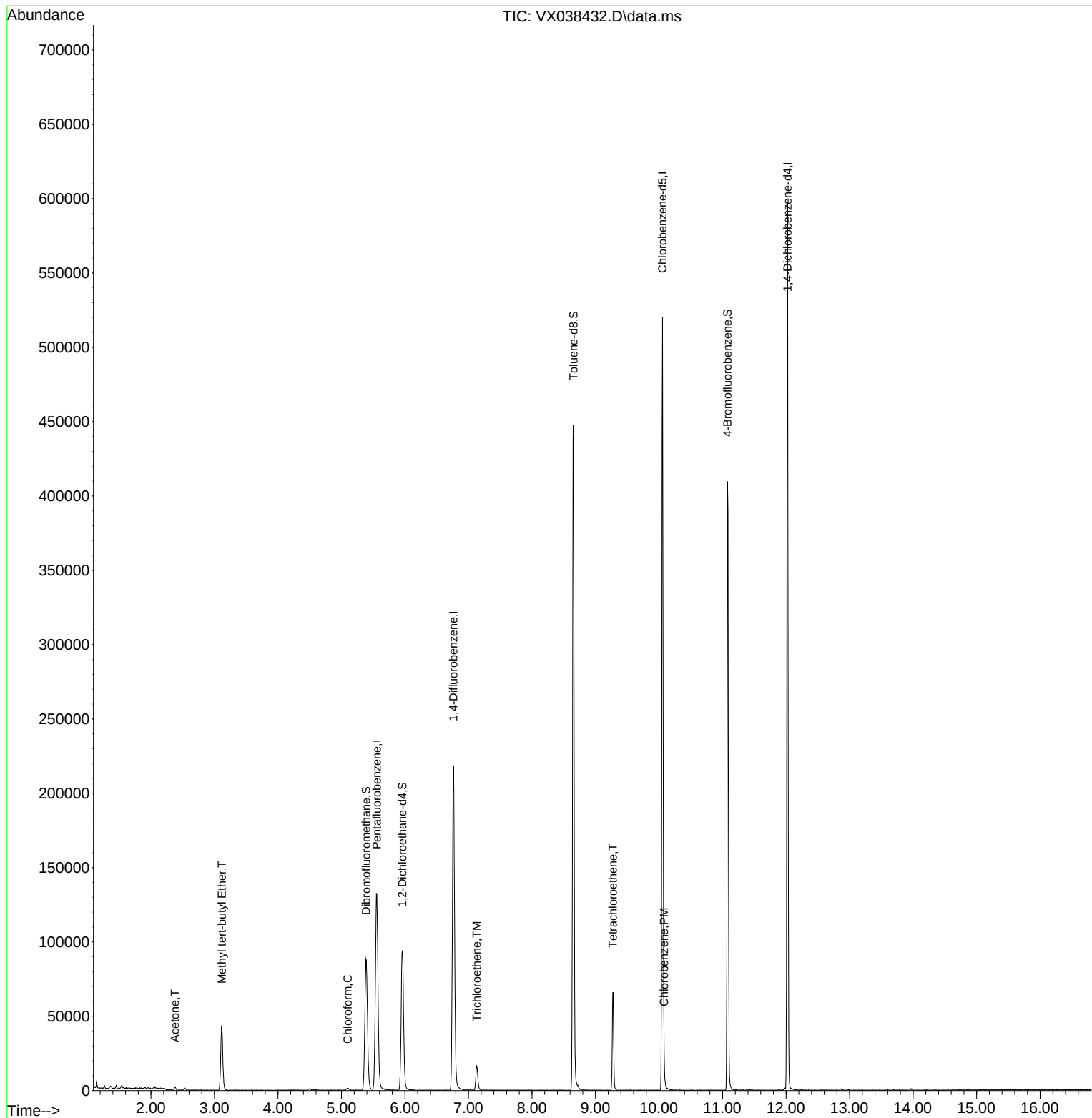
Internal Standards						
1) Pentafluorobenzene	5.556	168	126400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	228120	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90874	44.698	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.400%
35) Dibromofluoromethane	5.385	113	75763	46.092	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.180%
50) Toluene-d8	8.653	98	283207	45.088	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.180%#
62) 4-Bromofluorobenzene	11.079	95	107385	45.096	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.200%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	2378	2.803	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	47049	10.215	ug/l	95
30) Chloroform	5.098	83	1866	0.649	ug/l	98
44) Trichloroethene	7.128	130	6380	3.848	ug/l	90
64) Tetrachloroethene	9.274	164	12044	7.964	ug/l	93
65) Chlorobenzene	10.079	112	1849	0.378	ug/l	95

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
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Response via : Initial Calibration

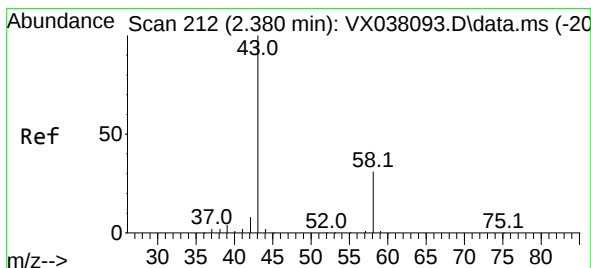
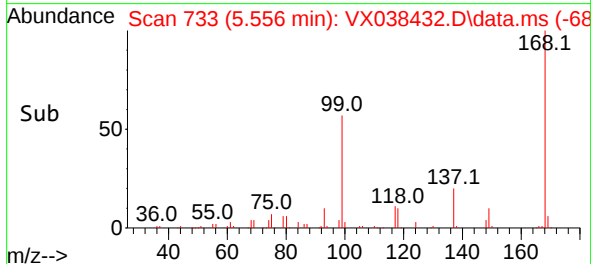
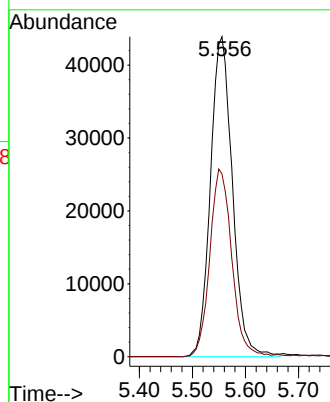
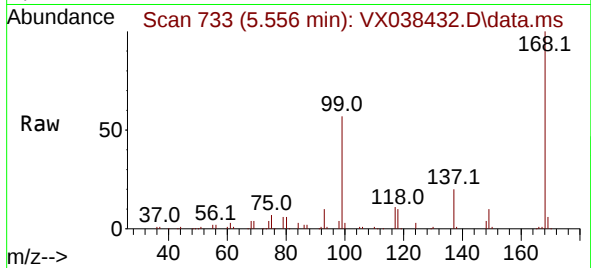




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

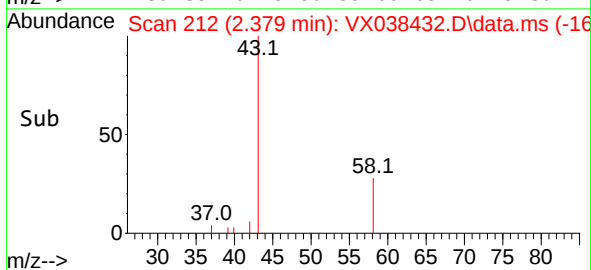
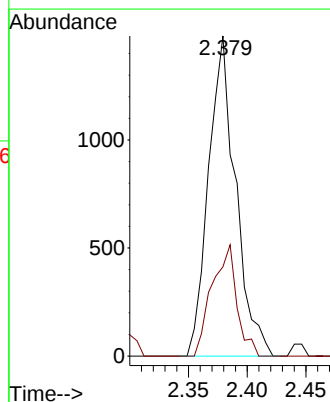
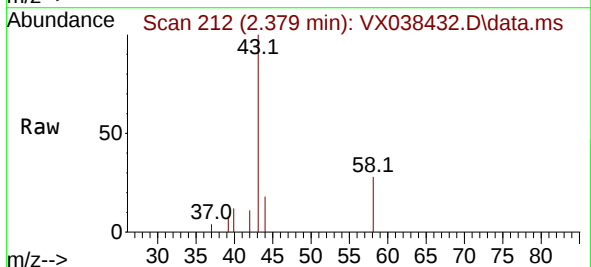
Instrument :
MSVOA_X
ClientSampleId :
GW-23-37-40

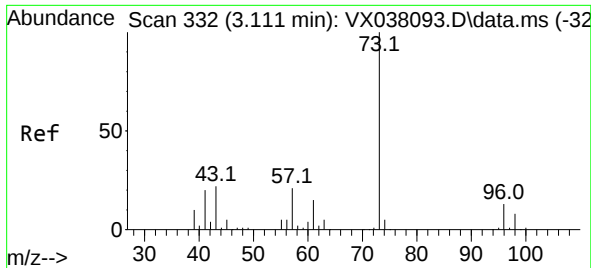
Tgt Ion:168 Resp: 126400
Ion Ratio Lower Upper
168 100
99 57.1 56.6 85.0



#16
Acetone
Concen: 2.803 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

Tgt Ion: 43 Resp: 2378
Ion Ratio Lower Upper
43 100
58 27.9 21.9 32.9

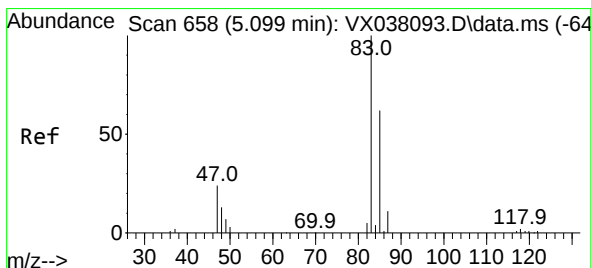
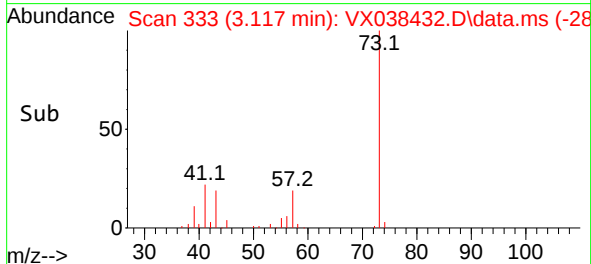
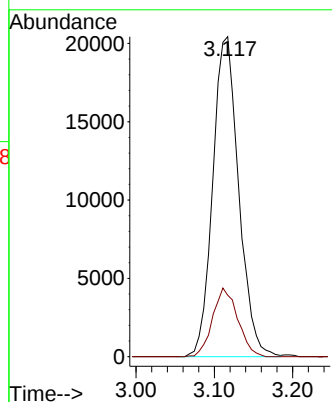
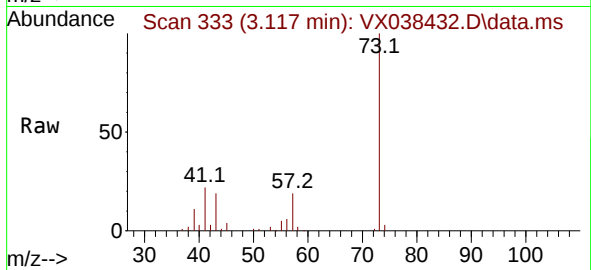




#19
Methyl tert-butyl Ether
Concen: 10.215 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

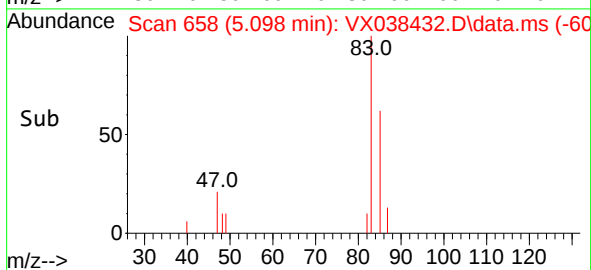
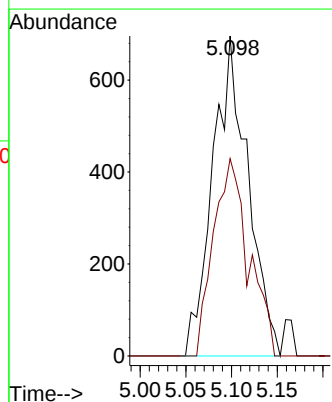
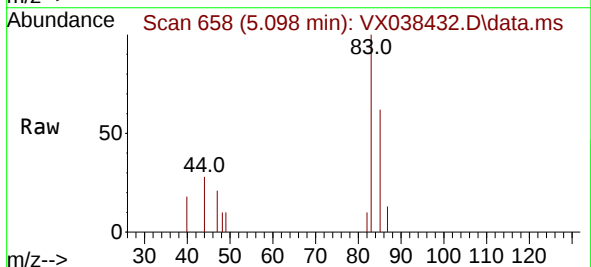
Instrument :
MSVOA_X
ClientSampleId :
GW-23-37-40

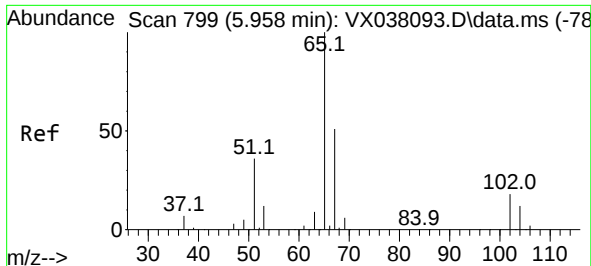
Tgt Ion: 73 Resp: 47049
Ion Ratio Lower Upper
73 100
57 19.2 17.3 25.9



#30
Chloroform
Concen: 0.649 ug/l
RT: 5.098 min Scan# 658
Delta R.T. 0.005 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

Tgt Ion: 83 Resp: 1866
Ion Ratio Lower Upper
83 100
85 61.6 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 44.698 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX038432.D

Acq: 23 Oct 2023 15:04

Instrument :

MSVOA_X

ClientSampleId :

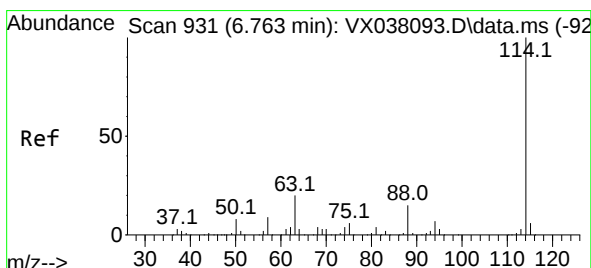
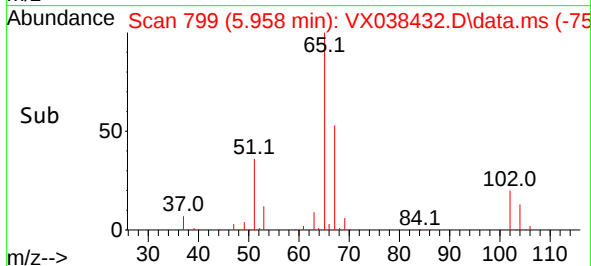
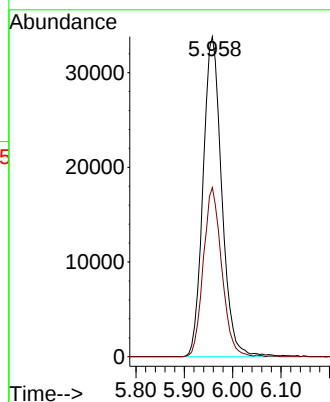
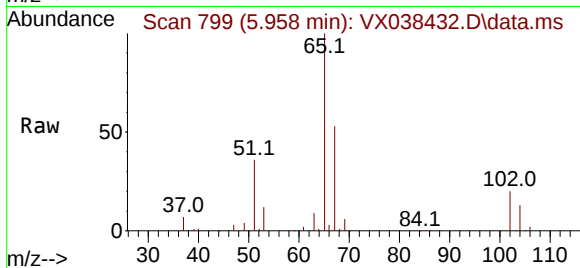
GW-23-37-40

Tgt Ion: 65 Resp: 90874

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: VX038432.D

Acq: 23 Oct 2023 15:04

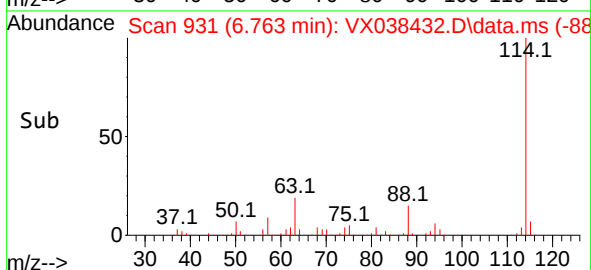
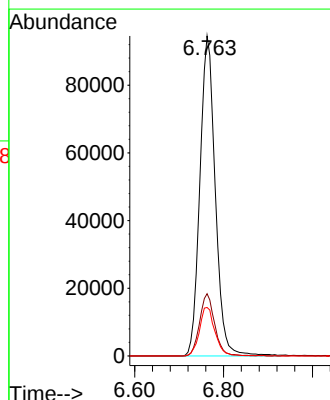
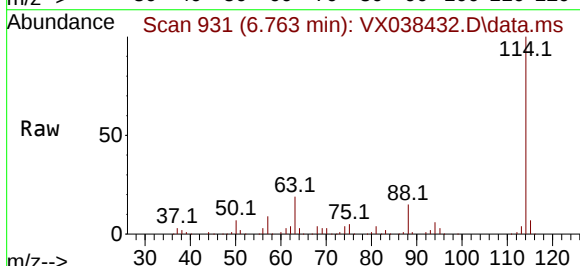
Tgt Ion: 114 Resp: 228120

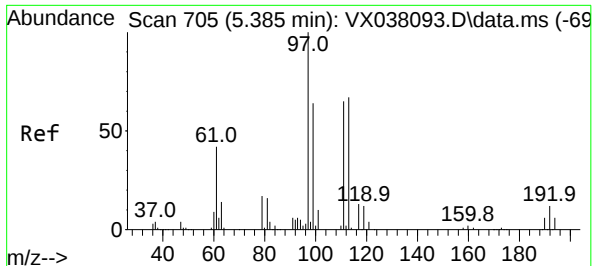
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

88 15.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.092 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX038432.D

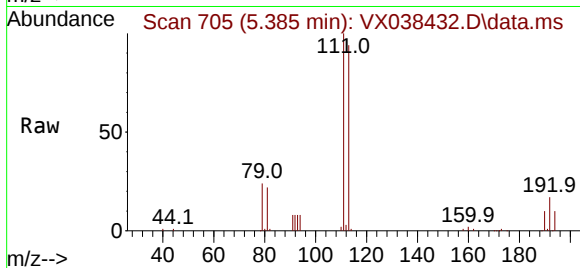
Acq: 23 Oct 2023 15:04

Instrument :

MSVOA_X

ClientSampleId :

GW-23-37-40



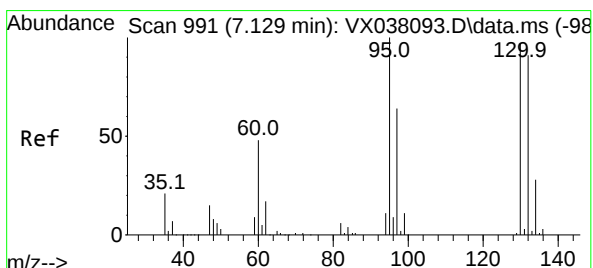
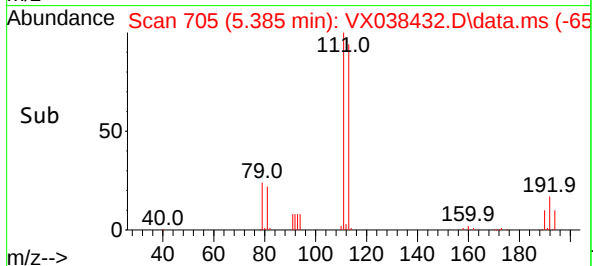
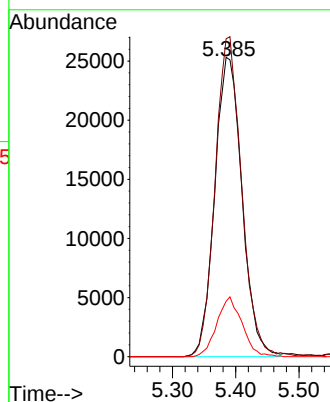
Tgt Ion:113 Resp: 75763

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

192 18.5 13.3 19.9



#44

Trichloroethene

Concen: 3.848 ug/l

RT: 7.128 min Scan# 991

Delta R.T. -0.001 min

Lab File: VX038432.D

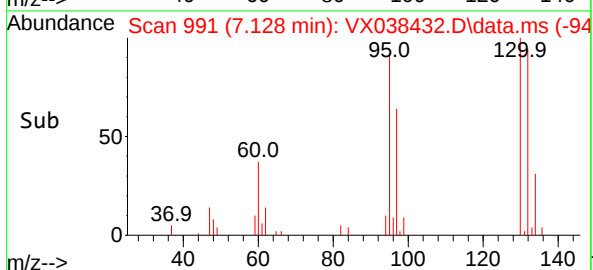
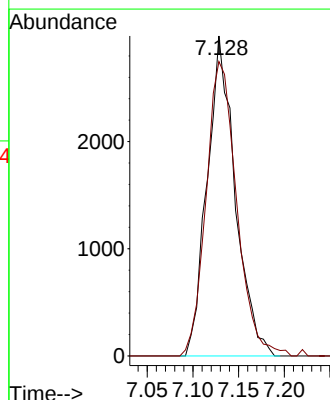
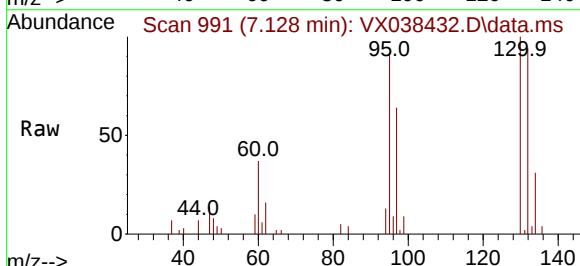
Acq: 23 Oct 2023 15:04

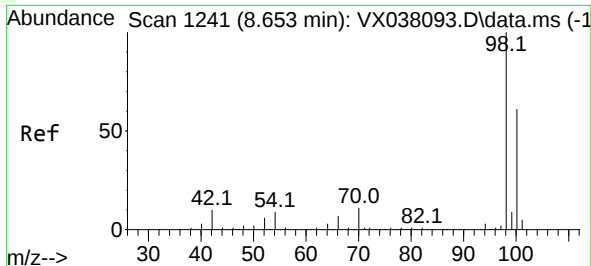
Tgt Ion:130 Resp: 6380

Ion Ratio Lower Upper

130 100

95 92.0 0.0 204.4

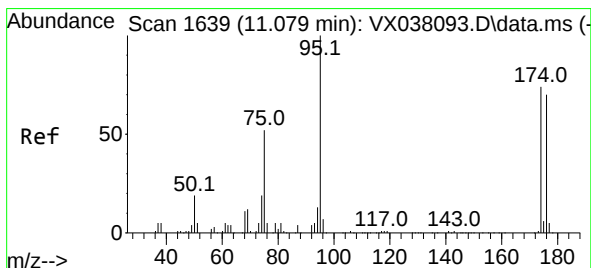
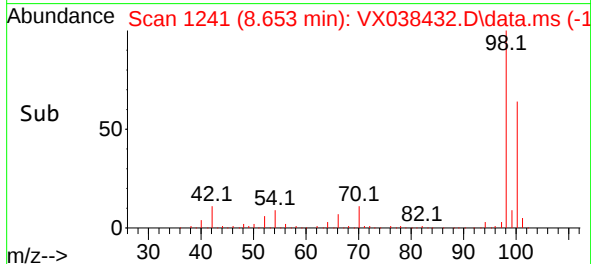
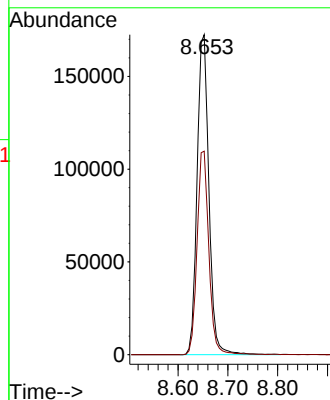
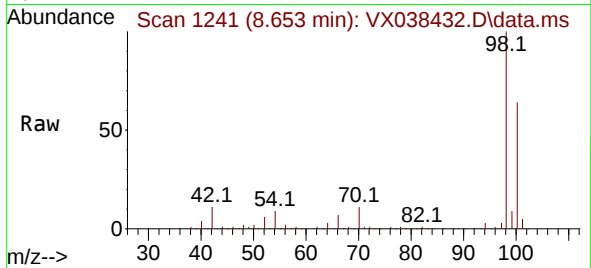




#50
Toluene-d8
Concen: 45.088 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

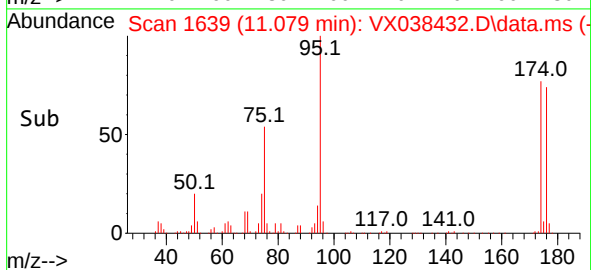
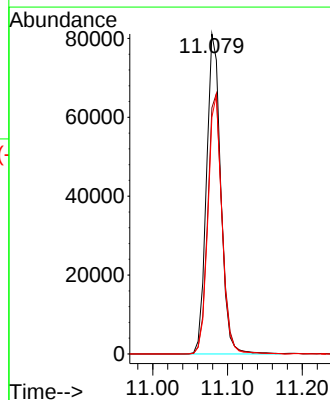
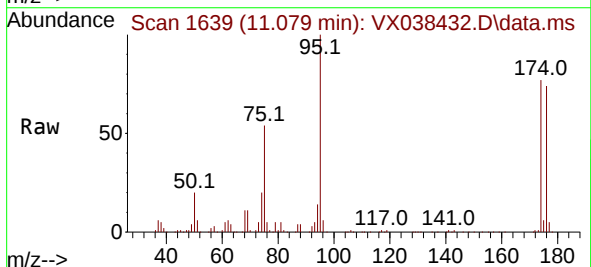
Instrument :
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GW-23-37-40

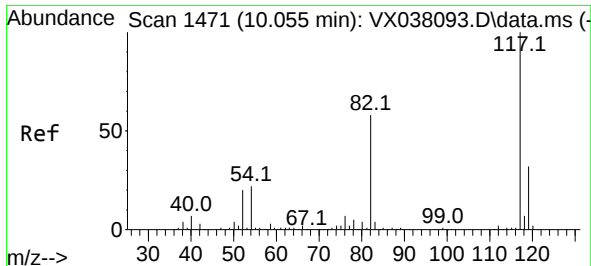
Tgt Ion: 98 Resp: 283207
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.096 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

Tgt Ion: 95 Resp: 107385
Ion Ratio Lower Upper
95 100
174 82.0 0.0 135.6
176 79.3 0.0 131.0

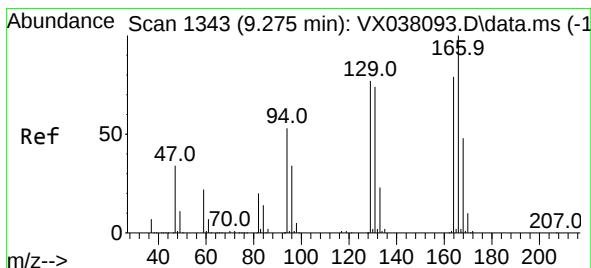
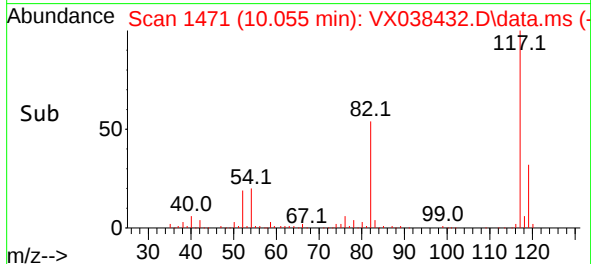
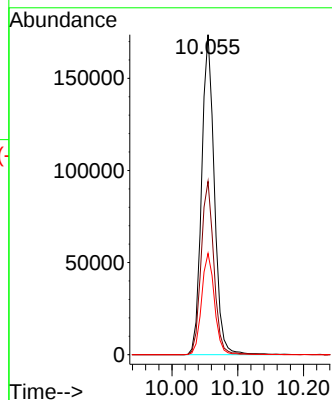
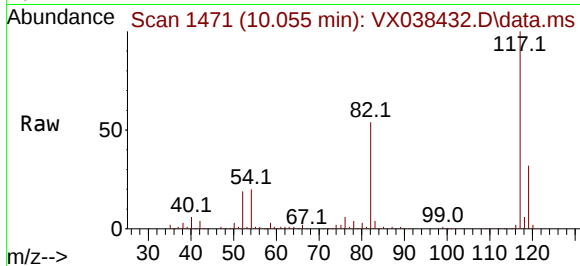




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

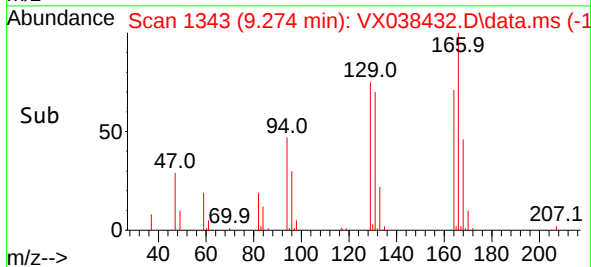
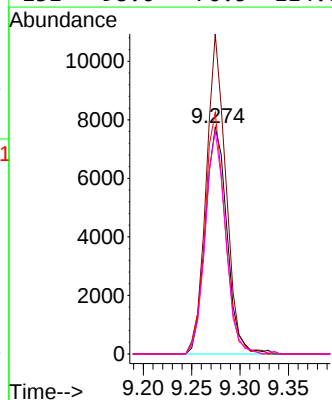
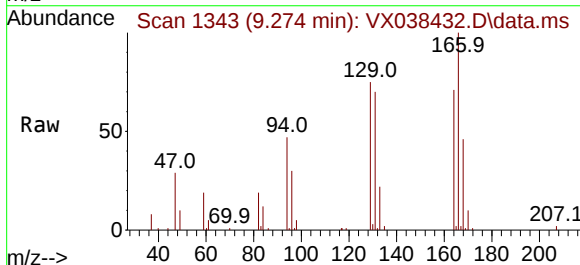
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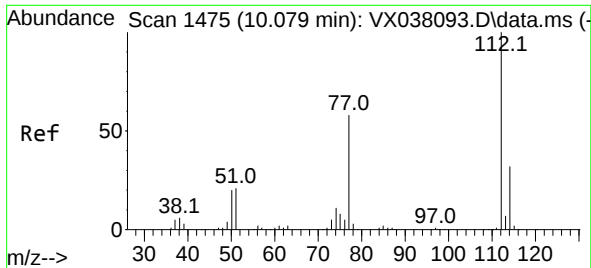
Tgt Ion:117 Resp: 233609
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.4
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 7.964 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.001 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

Tgt Ion:164 Resp: 12044
Ion Ratio Lower Upper
164 100
166 141.3 102.7 154.1
129 106.6 80.4 120.6
131 98.6 76.5 114.7

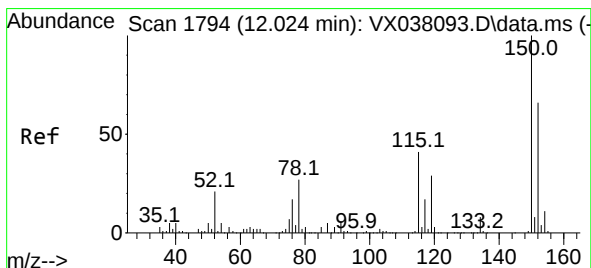
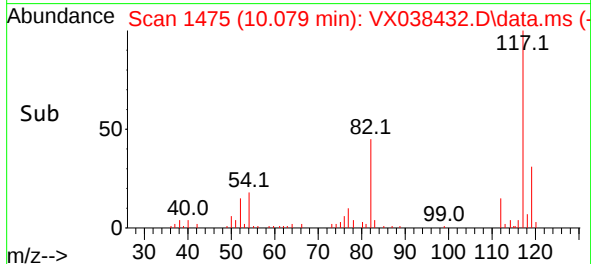
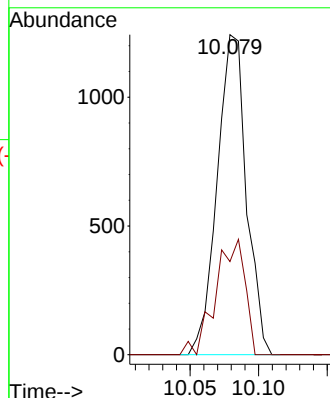
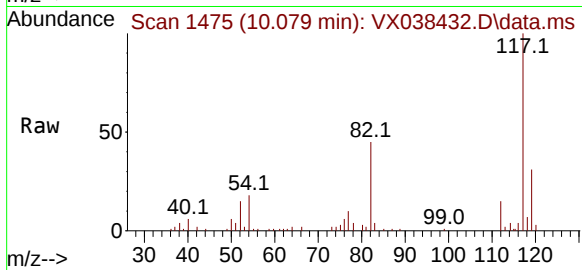




#65
Chlorobenzene
Concen: 0.378 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

Instrument :
MSVOA_X
ClientSampleId :
GW-23-37-40

Tgt Ion:112 Resp: 1849
Ion Ratio Lower Upper
112 100
114 29.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX038432.D
Acq: 23 Oct 2023 15:04

Tgt Ion:152 Resp: 121030
Ion Ratio Lower Upper
152 100
115 59.8 43.3 129.9
150 158.6 0.0 345.0

