

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101023\
 Data File : VX038210.D
 Acq On : 10 Oct 2023 18:38
 Operator : JC/MD
 Sample : 04782-04DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-3-10-13DL

Quant Time: Oct 11 01:41:47 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)

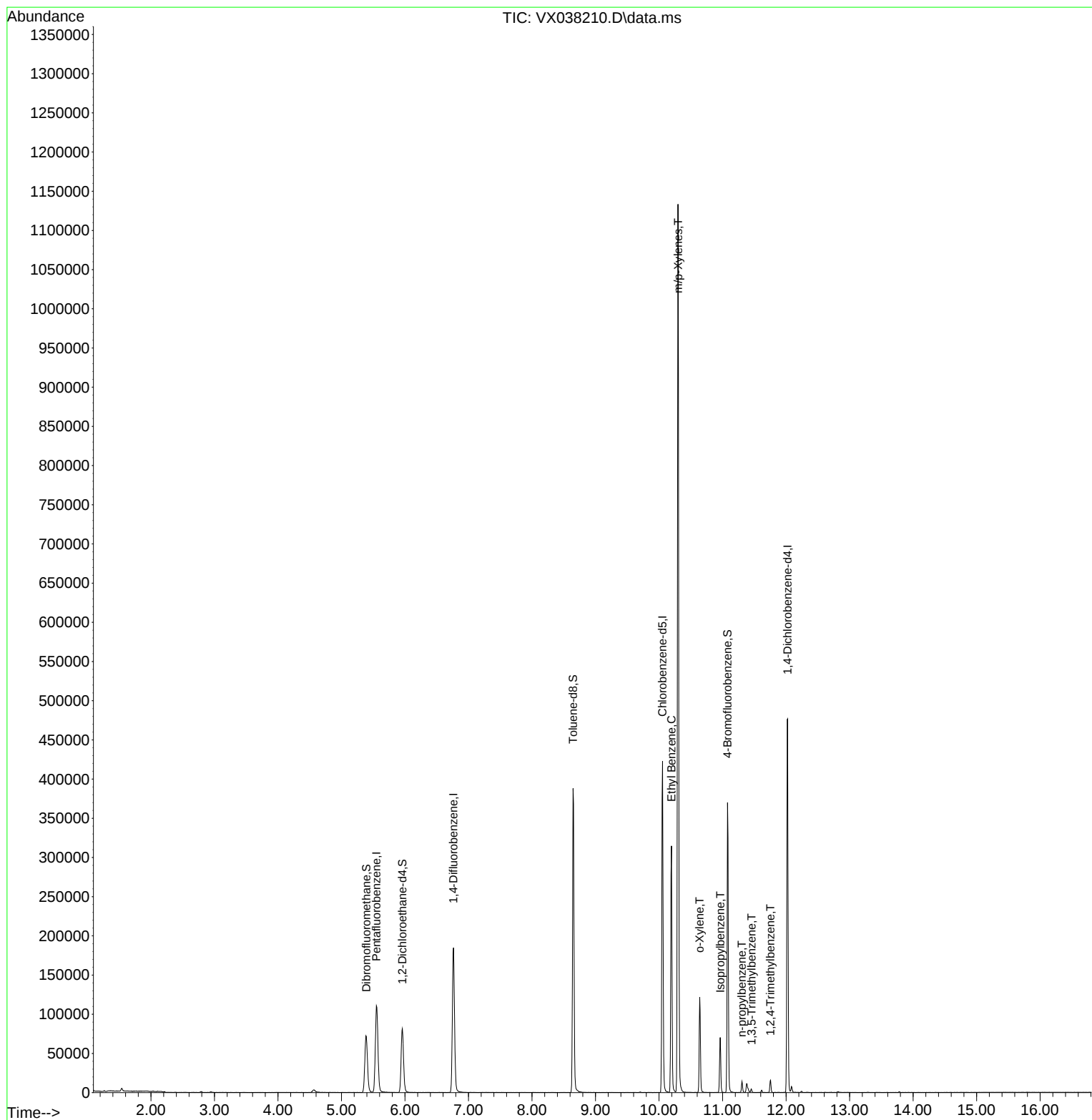
Internal Standards						
1) Pentafluorobenzene	5.550	168	103624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	186726	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79328	47.595	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.200%
35) Dibromofluoromethane	5.391	113	62105	46.158	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.320%
50) Toluene-d8	8.647	98	234281	45.567	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.140%#
62) 4-Bromofluorobenzene	11.079	95	92505	47.459	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.920%
Target Compounds						
					Qvalue	
67) Ethyl Benzene	10.195	91	180331	25.578	ug/l	98
68) m/p-Xylenes	10.299	106	252920	92.779	ug/l	99
69) o-Xylene	10.640	106	26147	9.827	ug/l	97
73) Isopropylbenzene	10.963	105	35454	5.303	ug/l	98
78) n-propylbenzene	11.305	91	9165	1.121	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	1965	0.341	ug/l	86
84) 1,2,4-Trimethylbenzene	11.756	105	7222	1.256	ug/l	96

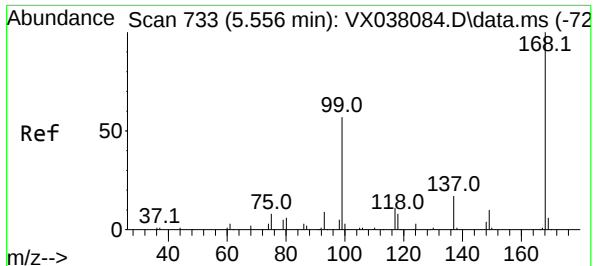
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

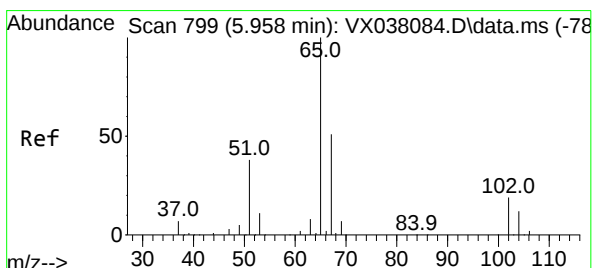
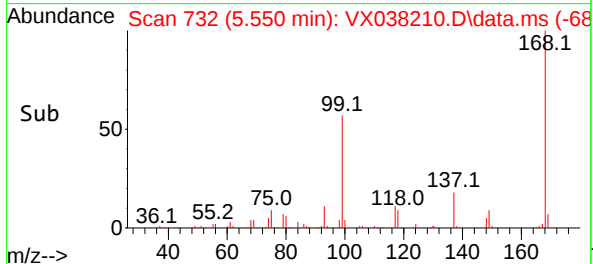
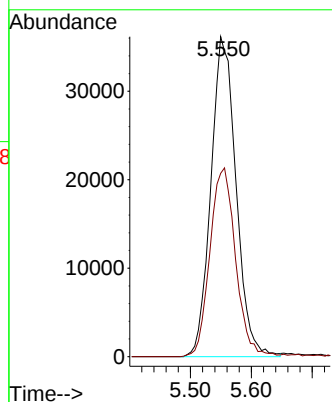
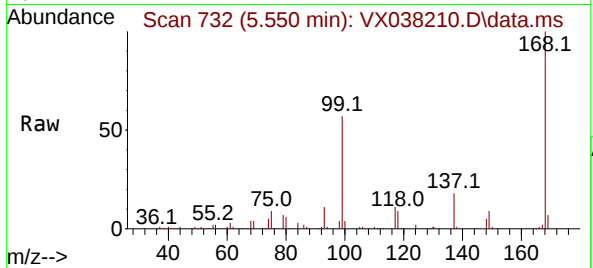




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.006 min
Lab File: VX038210.D
Acq: 10 Oct 2023 18:38

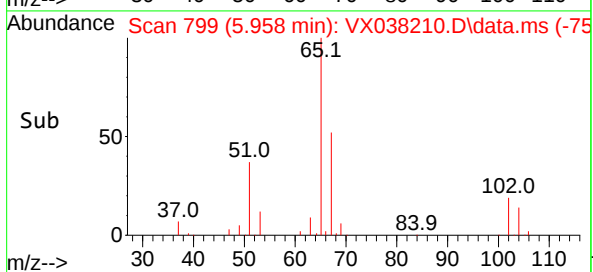
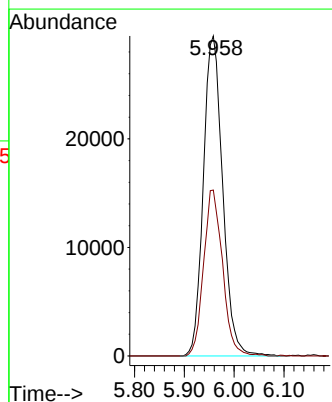
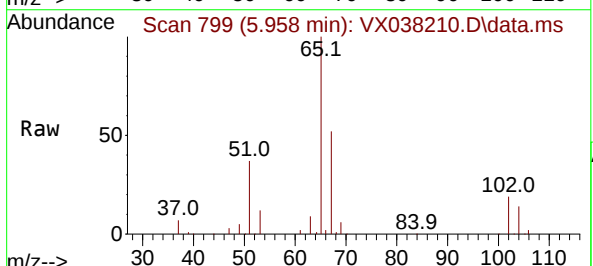
Instrument :
MSVOA_X
ClientSampleId :
GW-3-10-13DL

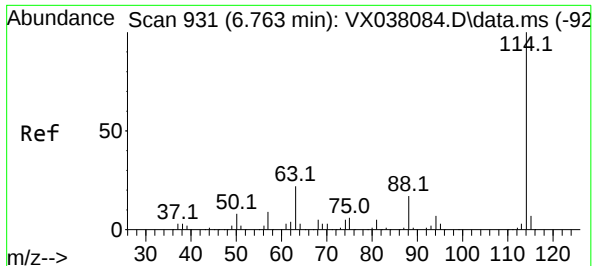
Tgt Ion:168 Resp: 103624
Ion Ratio Lower Upper
168 100
99 57.3 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.595 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038210.D
Acq: 10 Oct 2023 18:38

Tgt Ion: 65 Resp: 79328
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX038210.D

Acq: 10 Oct 2023 18:38

Instrument :

MSVOA_X

ClientSampleId :

GW-3-10-13DL

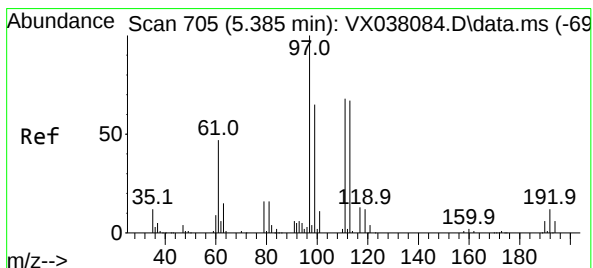
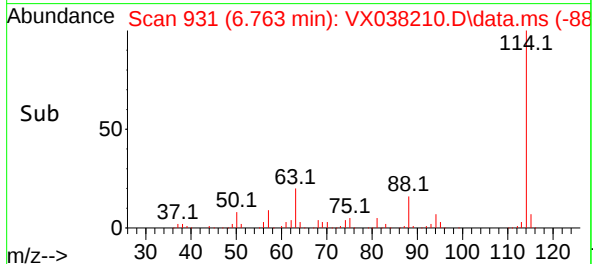
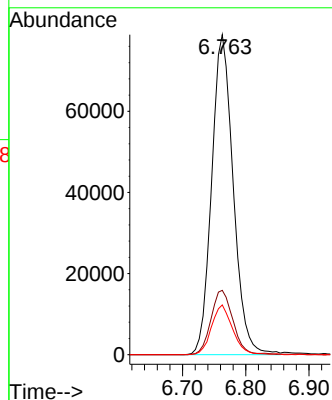
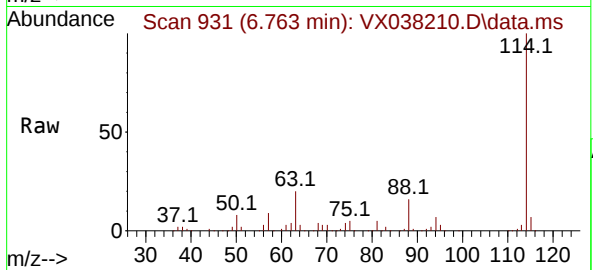
Tgt Ion:114 Resp: 186726

Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

88 15.5 0.0 36.6



#35

Dibromofluoromethane

Concen: 46.158 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX038210.D

Acq: 10 Oct 2023 18:38

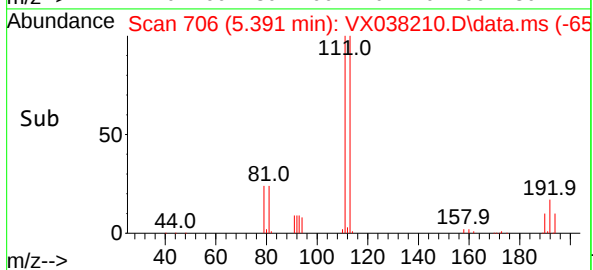
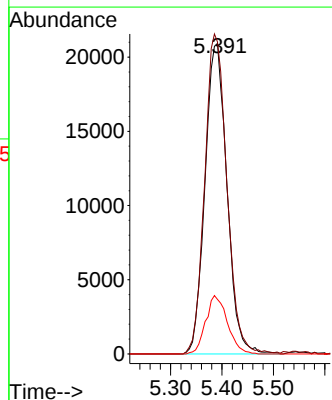
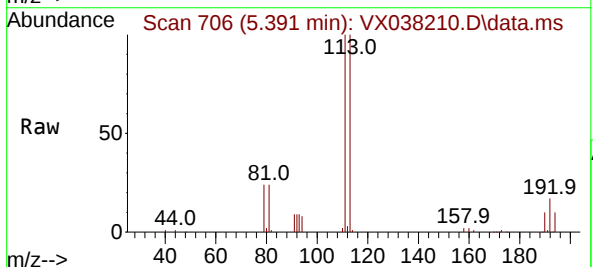
Tgt Ion:113 Resp: 62105

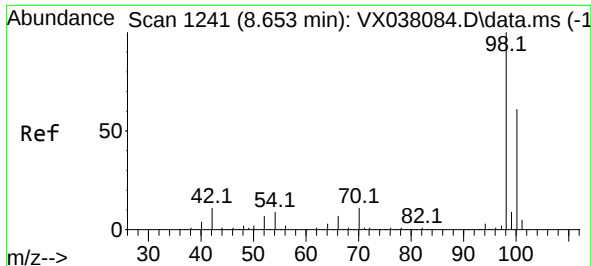
Ion Ratio Lower Upper

113 100

111 104.0 82.9 124.3

192 18.6 13.3 19.9

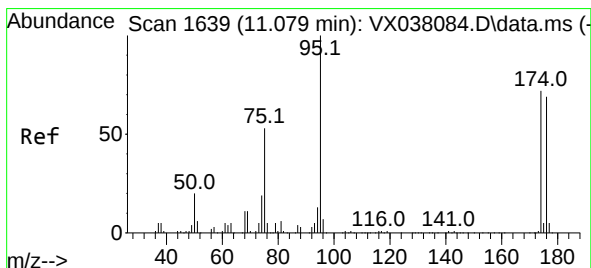
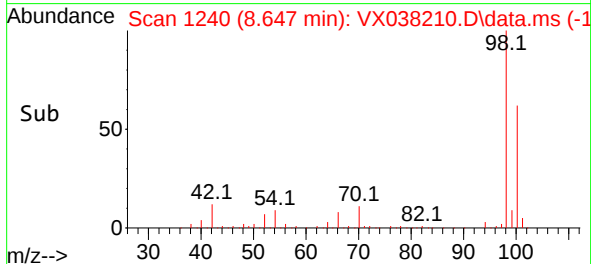
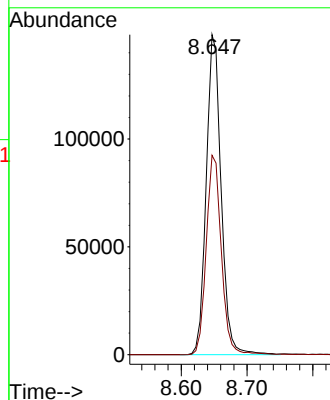
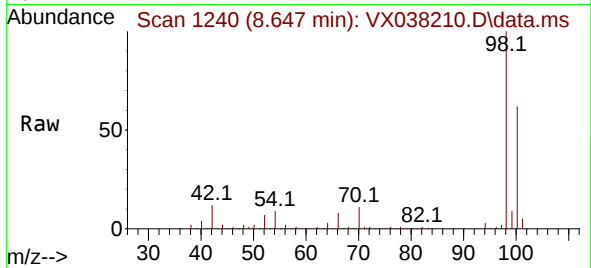




#50
Toluene-d8
Concen: 45.567 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038210.D
Acq: 10 Oct 2023 18:38

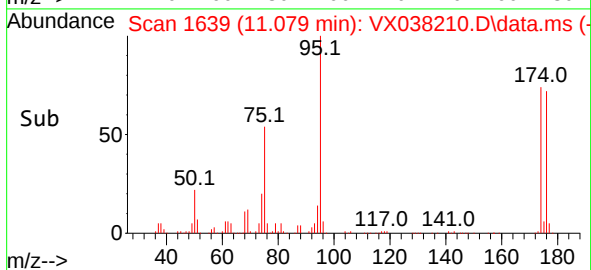
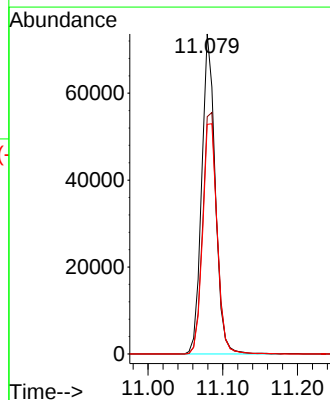
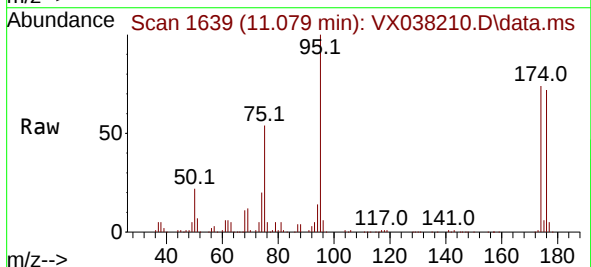
Instrument :
MSVOA_X
ClientSampleId :
GW-3-10-13DL

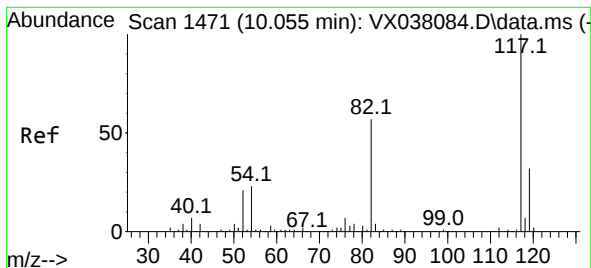
Tgt Ion: 98 Resp: 234281
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.459 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038210.D
Acq: 10 Oct 2023 18:38

Tgt Ion: 95 Resp: 92505
Ion Ratio Lower Upper
95 100
174 80.1 0.0 135.6
176 77.2 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: VX038210.D

Acq: 10 Oct 2023 18:38

Instrument :

MSVOA_X

ClientSampleId :

GW-3-10-13DL

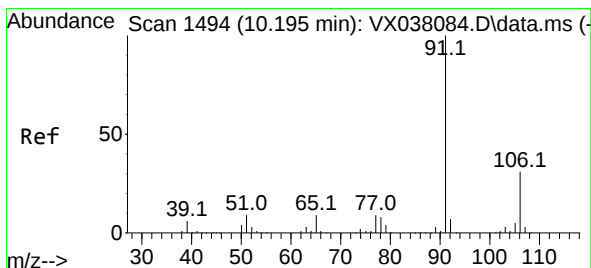
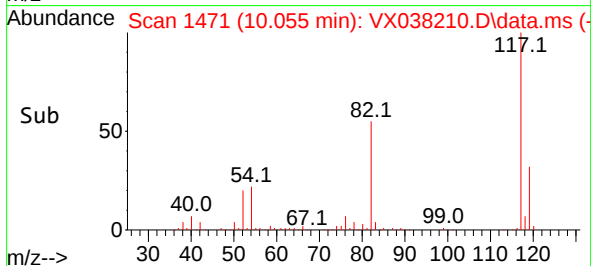
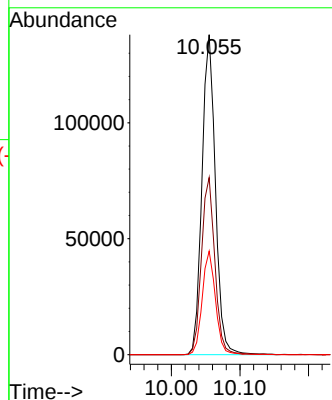
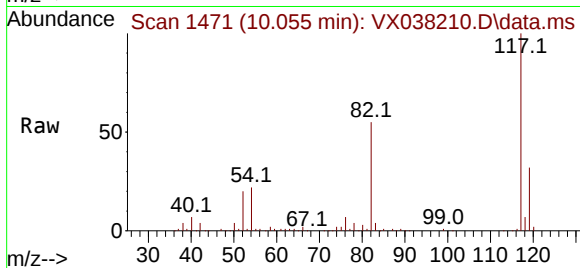
Tgt Ion:117 Resp: 188751

Ion Ratio Lower Upper

117 100

82 55.3 46.2 69.4

119 32.3 25.5 38.3



#67

Ethyl Benzene

Concen: 25.578 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038210.D

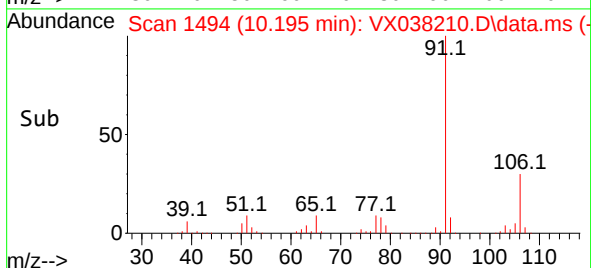
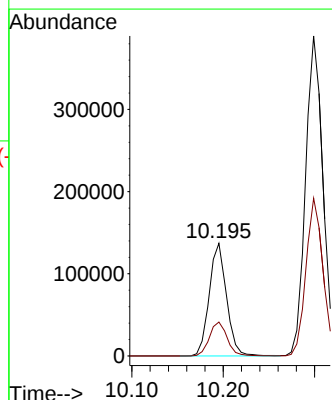
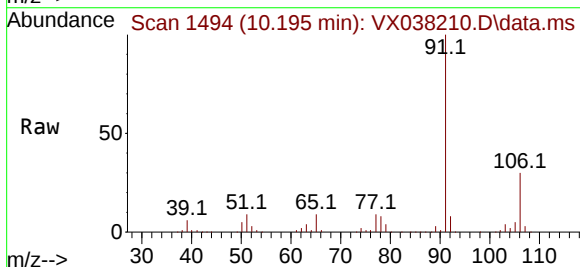
Acq: 10 Oct 2023 18:38

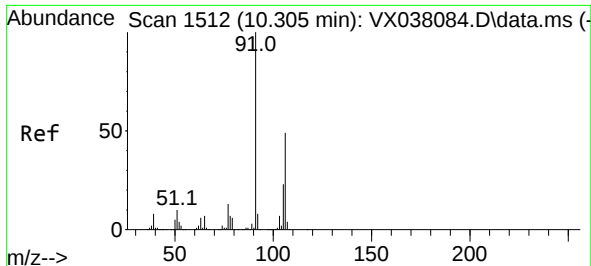
Tgt Ion: 91 Resp: 180331

Ion Ratio Lower Upper

91 100

106 30.1 24.9 37.3

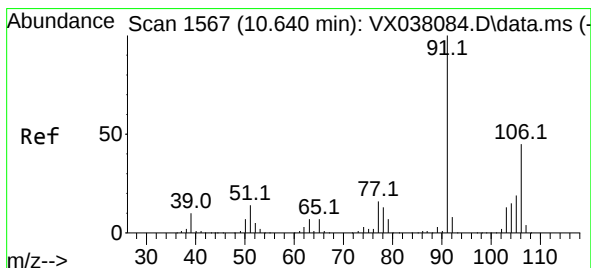
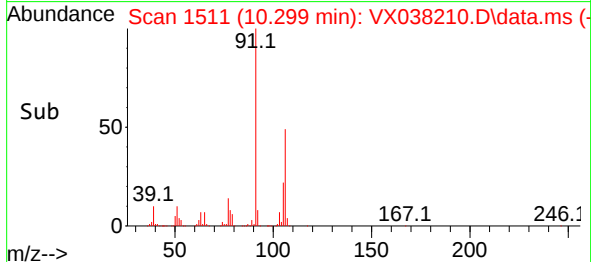
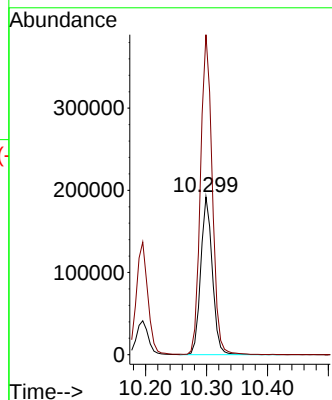
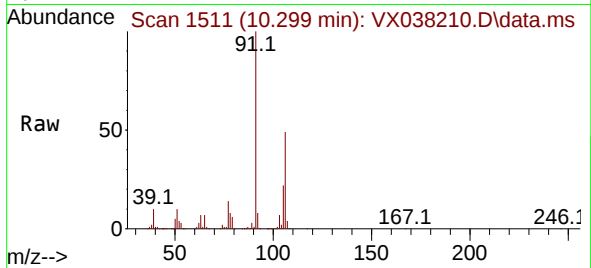




#68
m/p-Xylenes
Concen: 92.779 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038210.D
Acq: 10 Oct 2023 18:38

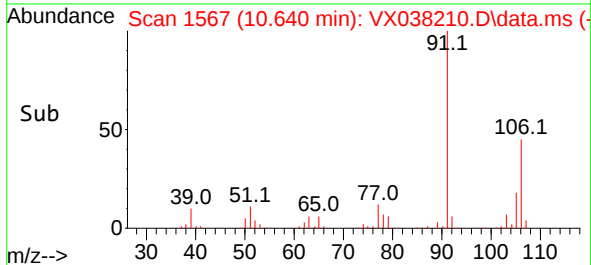
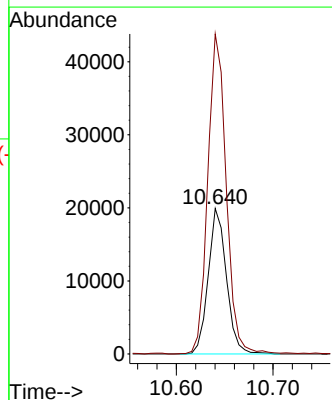
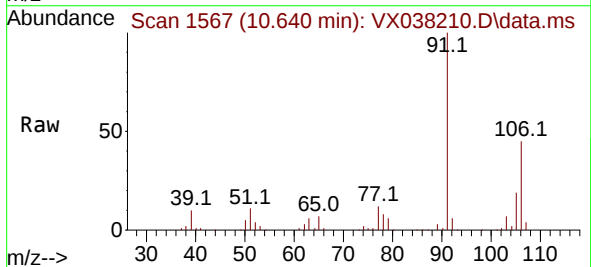
Instrument :
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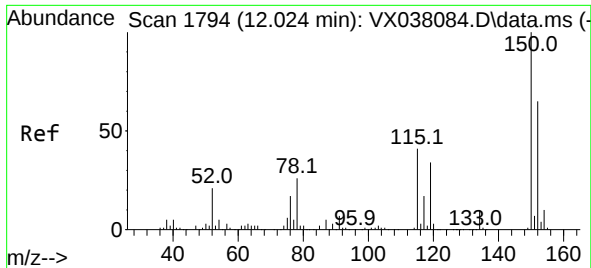
Tgt Ion:106 Resp: 252920
Ion Ratio Lower Upper
106 100
91 205.6 165.5 248.3



#69
o-Xylene
Concen: 9.827 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038210.D
Acq: 10 Oct 2023 18:38

Tgt Ion:106 Resp: 26147
Ion Ratio Lower Upper
106 100
91 222.7 108.9 326.8

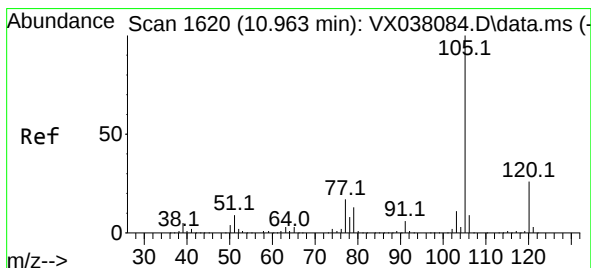
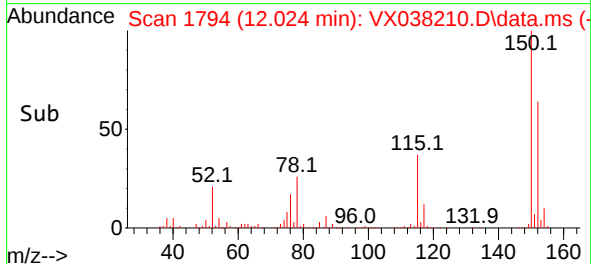
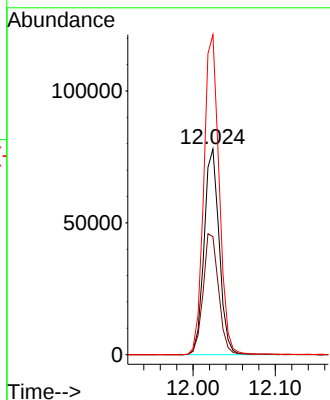
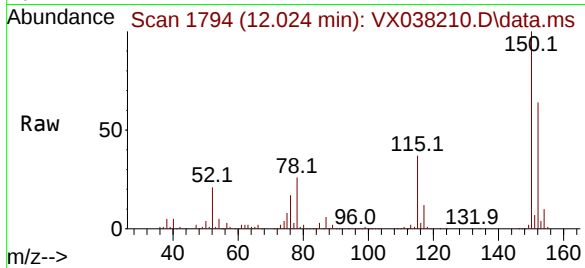




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038210.D
Acq: 10 Oct 2023 18:38

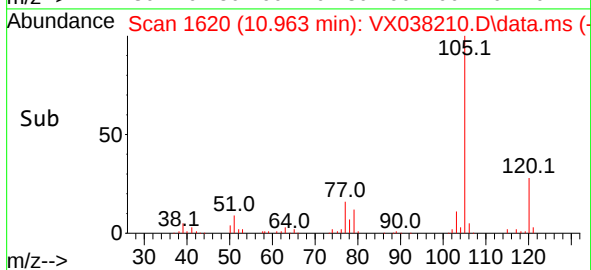
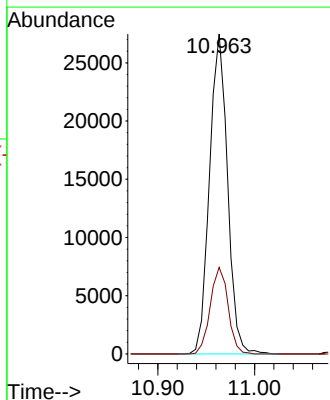
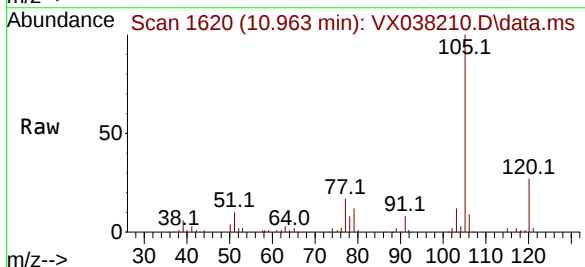
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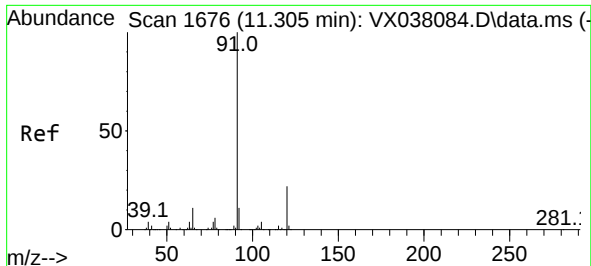
Tgt Ion:152 Resp: 99684
Ion Ratio Lower Upper
152 100
115 60.1 43.3 129.9
150 157.7 0.0 345.0



#73
Isopropylbenzene
Concen: 5.303 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038210.D
Acq: 10 Oct 2023 18:38

Tgt Ion:105 Resp: 35454
Ion Ratio Lower Upper
105 100
120 26.8 12.9 38.6

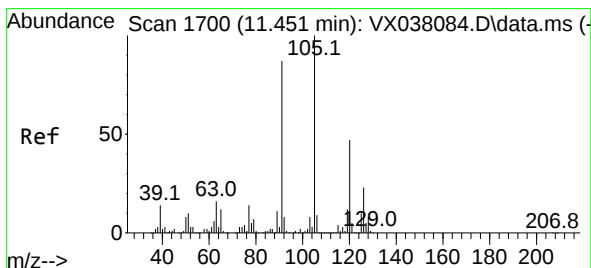
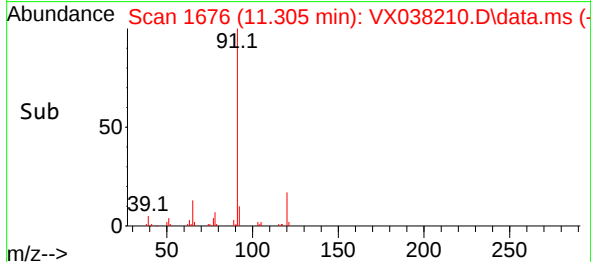
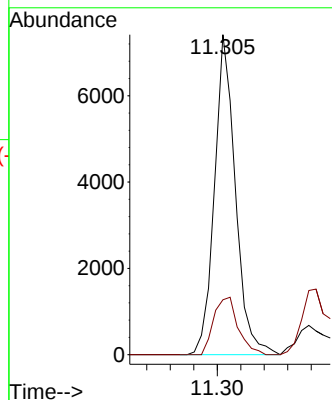
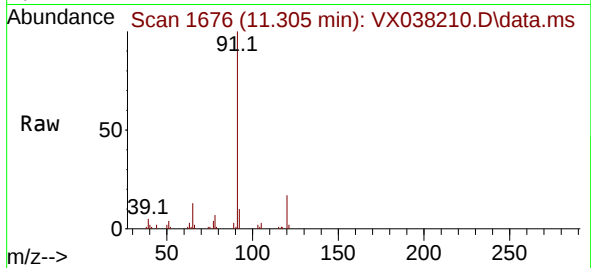




#78
n-propylbenzene
Concen: 1.121 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038210.D
Acq: 10 Oct 2023 18:38

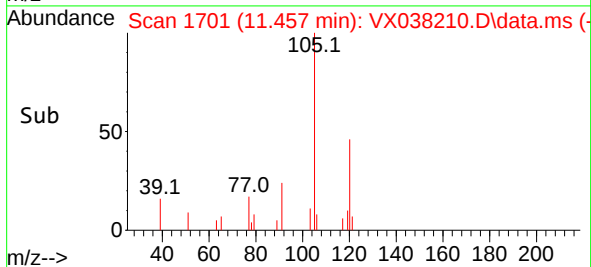
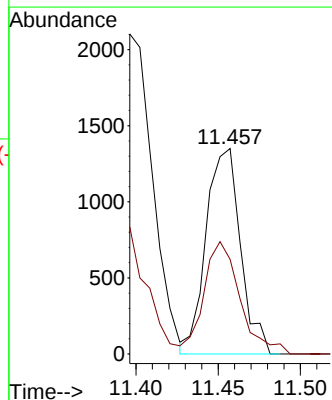
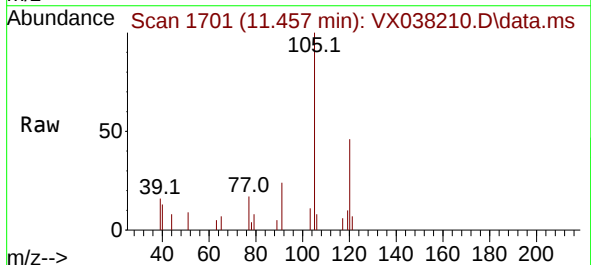
Instrument :
MSVOA_X
ClientSampleId :
GW-3-10-13DL

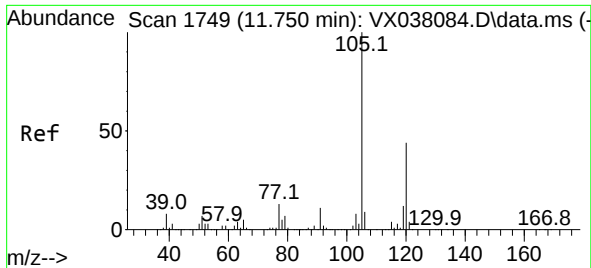
Tgt Ion: 91 Resp: 9165
Ion Ratio Lower Upper
91 100
120 20.9 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 0.341 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX038210.D
Acq: 10 Oct 2023 18:38

Tgt Ion: 105 Resp: 1965
Ion Ratio Lower Upper
105 100
120 57.5 24.1 72.3





#84
 1,2,4-Trimethylbenzene
 Concen: 1.256 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038210.D
 Acq: 10 Oct 2023 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-3-10-13DL

Tgt Ion:105 Resp: 7222
 Ion Ratio Lower Upper
 105 100
 120 45.1 21.2 63.6

