

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101023\
 Data File : VX038198.D
 Acq On : 10 Oct 2023 14:00
 Operator : JC/MD
 Sample : 04782-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-3-23-26

Quant Time: Oct 11 01:37:42 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)

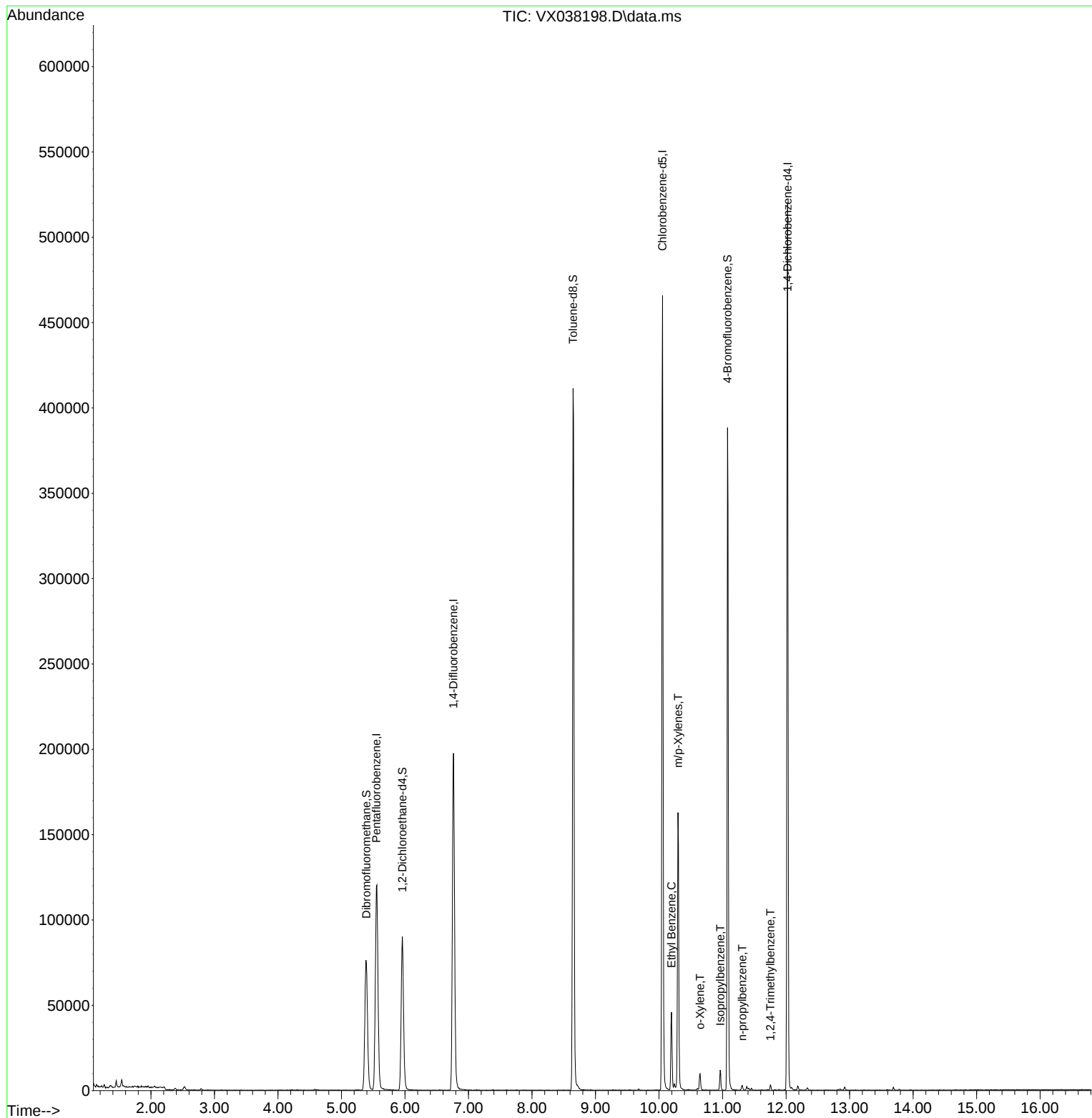
Internal Standards						
1) Pentafluorobenzene	5.550	168	113644	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	200500	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84677	46.325	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.640%
35) Dibromofluoromethane	5.391	113	66369	45.939	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.880%
50) Toluene-d8	8.647	98	251740	45.600	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.200%#
62) 4-Bromofluorobenzene	11.079	95	97100	46.394	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.780%
Target Compounds						
					Qvalue	
67) Ethyl Benzene	10.195	91	26813	3.556	ug/l	97
68) m/p-Xylenes	10.299	106	37831	12.976	ug/l	100
69) o-Xylene	10.646	106	2599	0.913	ug/l	91
73) Isopropylbenzene	10.963	105	6048	0.866	ug/l	98
78) n-propylbenzene	11.311	91	2278	0.267	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	1558	0.259	ug/l	92

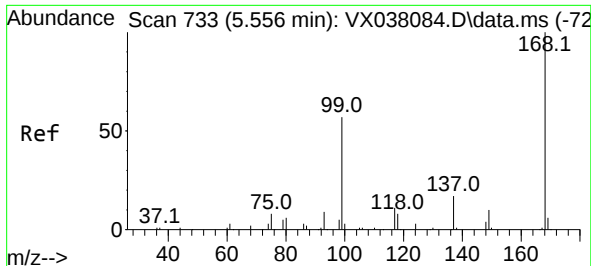
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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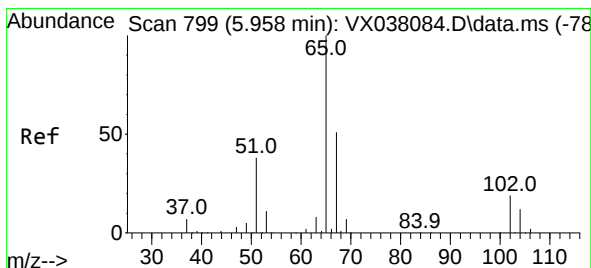
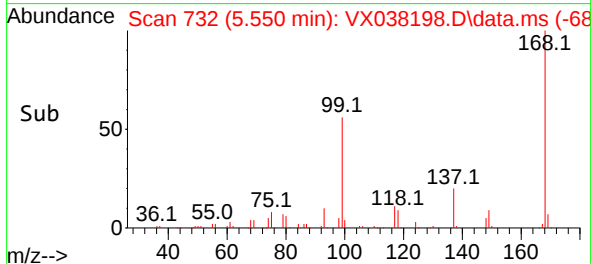
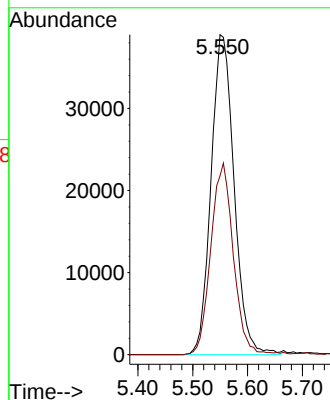
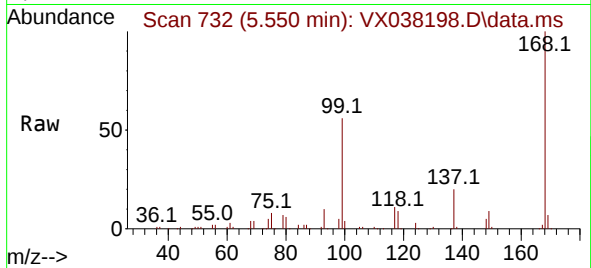




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038198.D
Acq: 10 Oct 2023 14:00

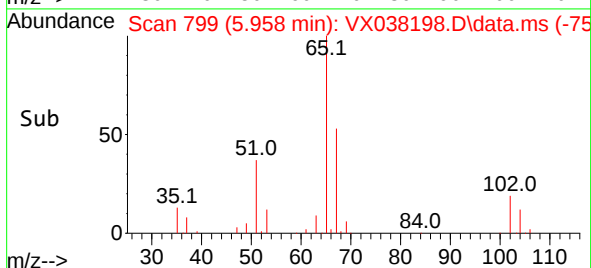
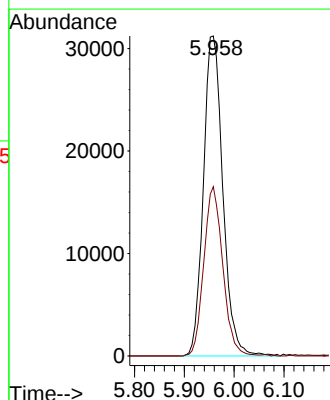
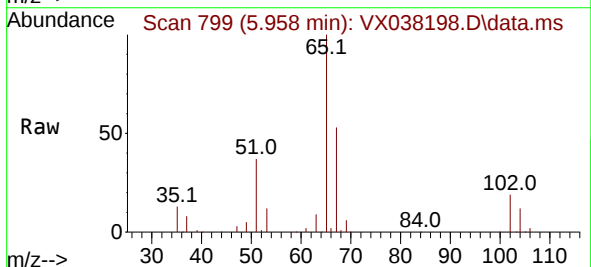
Instrument :
MSVOA_X
ClientSampleId :
GW-3-23-26

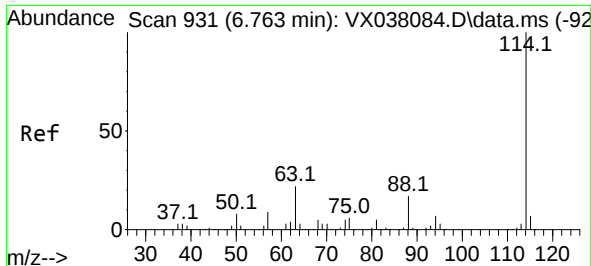
Tgt Ion:168 Resp: 113644
Ion Ratio Lower Upper
168 100
99 55.9 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 46.325 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038198.D
Acq: 10 Oct 2023 14:00

Tgt Ion: 65 Resp: 84677
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

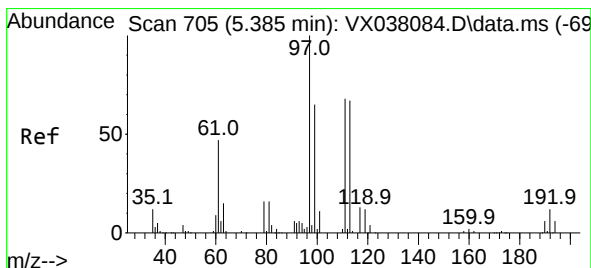
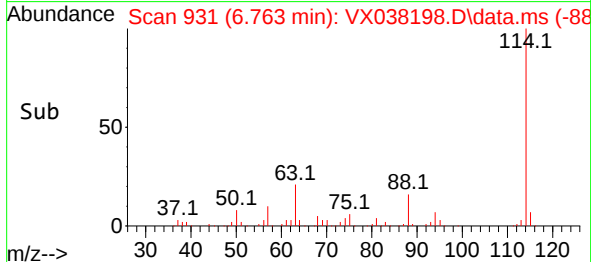
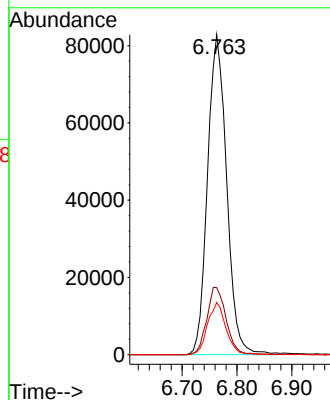
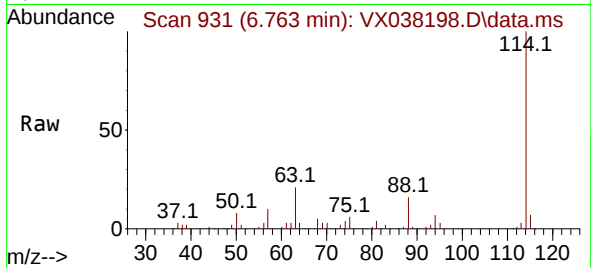




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038198.D
Acq: 10 Oct 2023 14:00

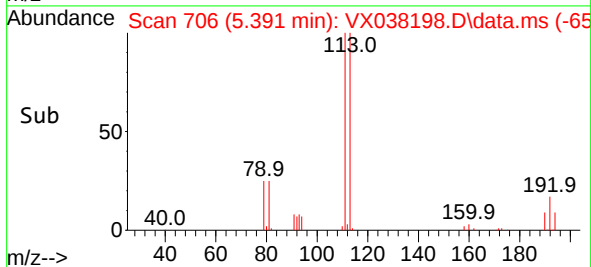
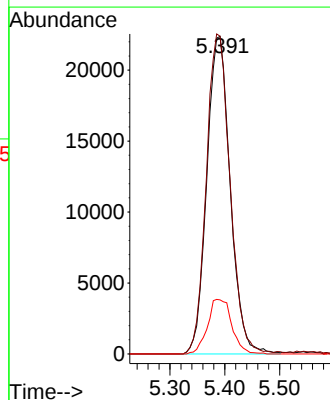
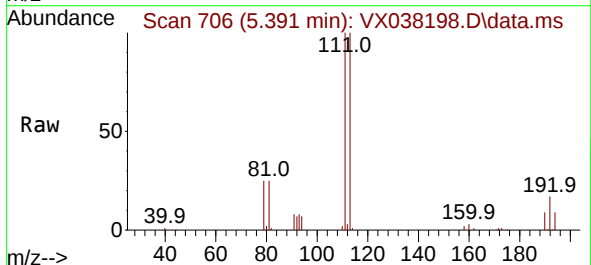
Instrument :
MSVOA_X
ClientSampleId :
GW-3-23-26

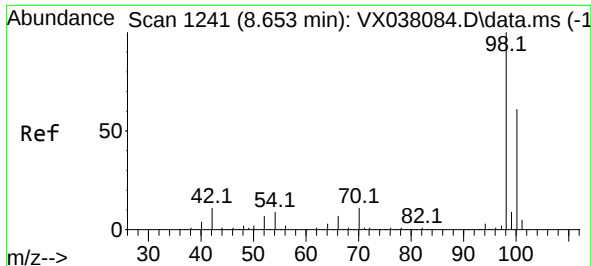
Tgt Ion:114 Resp: 200500
Ion Ratio Lower Upper
114 100
63 21.0 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.939 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038198.D
Acq: 10 Oct 2023 14:00

Tgt Ion:113 Resp: 66369
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 17.8 13.3 19.9

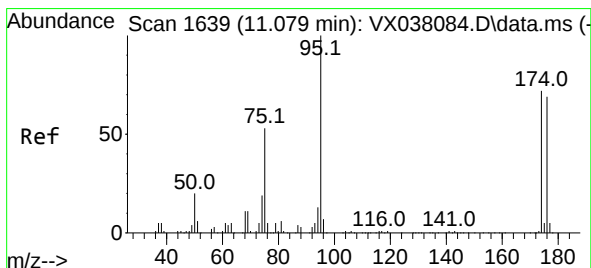
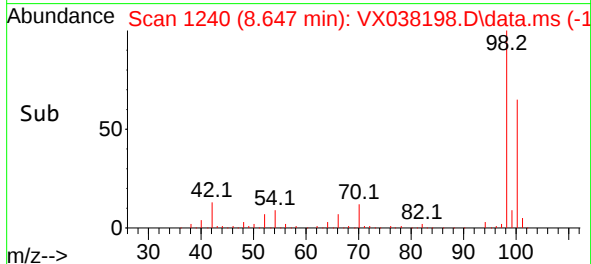
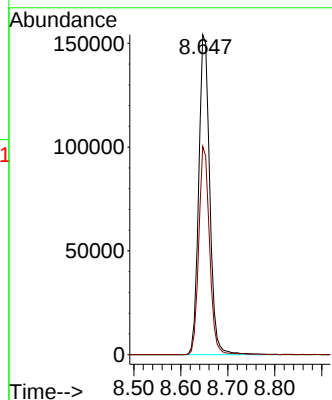
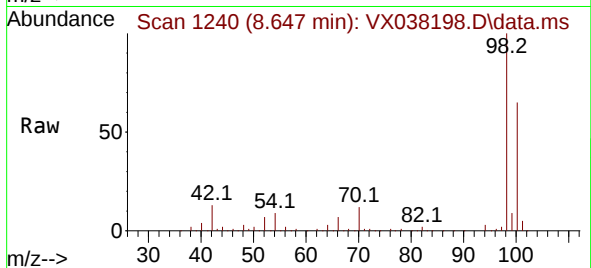




#50
Toluene-d8
Concen: 45.600 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038198.D
Acq: 10 Oct 2023 14:00

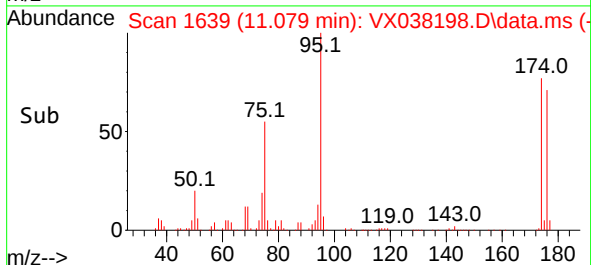
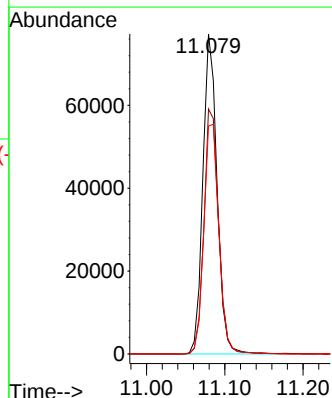
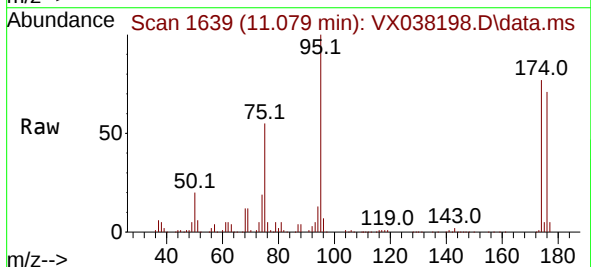
Instrument :
MSVOA_X
ClientSampleId :
GW-3-23-26

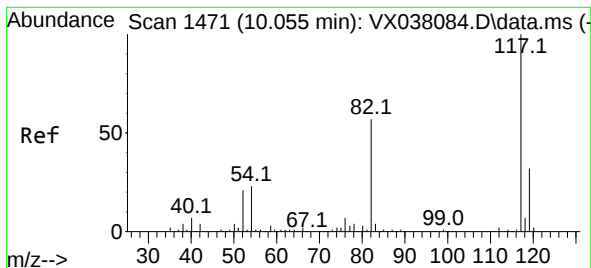
Tgt Ion: 98 Resp: 251740
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.394 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038198.D
Acq: 10 Oct 2023 14:00

Tgt Ion: 95 Resp: 97100
Ion Ratio Lower Upper
95 100
174 79.0 0.0 135.6
176 76.5 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: VX038198.D

Acq: 10 Oct 2023 14:00

Instrument :

MSVOA_X

ClientSampleId :

GW-3-23-26

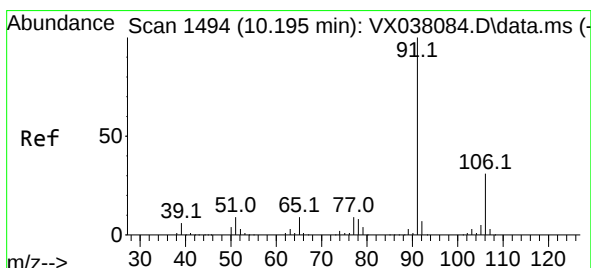
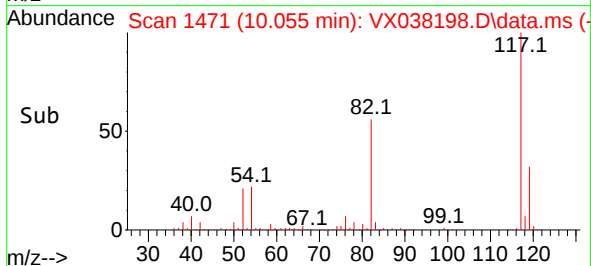
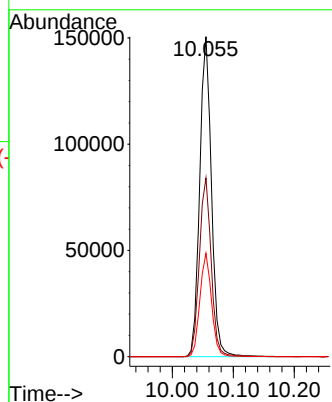
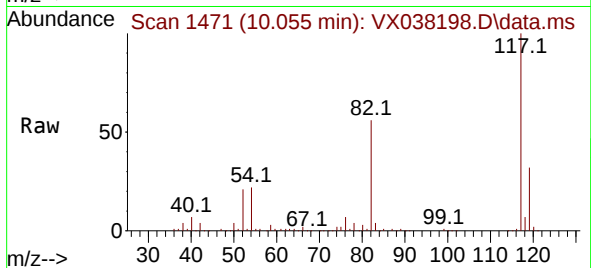
Tgt Ion:117 Resp: 201864

Ion Ratio Lower Upper

117 100

82 55.9 46.2 69.4

119 32.3 25.5 38.3



#67

Ethyl Benzene

Concen: 3.556 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038198.D

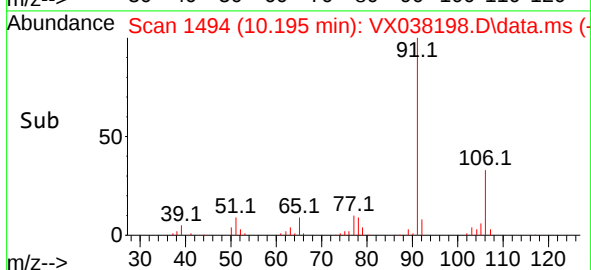
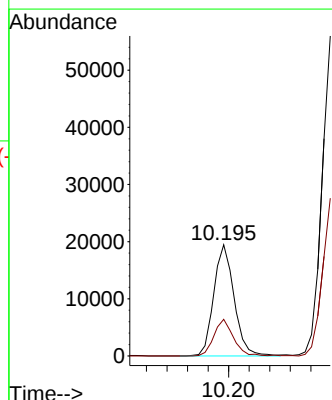
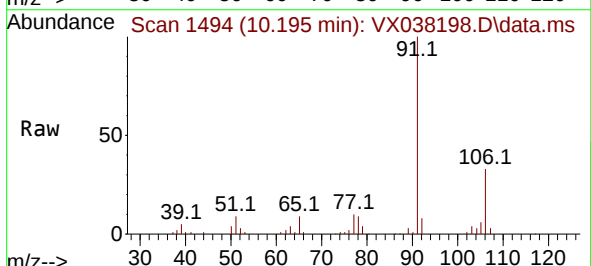
Acq: 10 Oct 2023 14:00

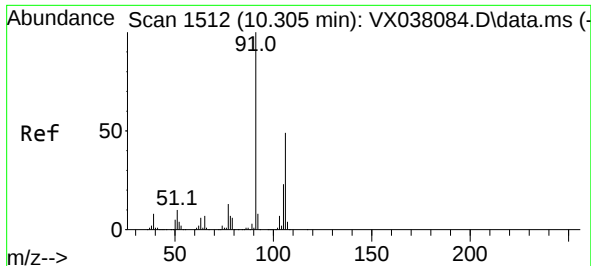
Tgt Ion: 91 Resp: 26813

Ion Ratio Lower Upper

91 100

106 33.0 24.9 37.3

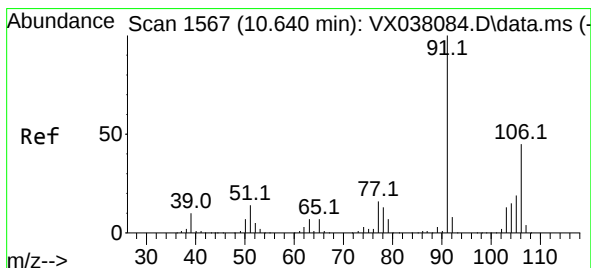
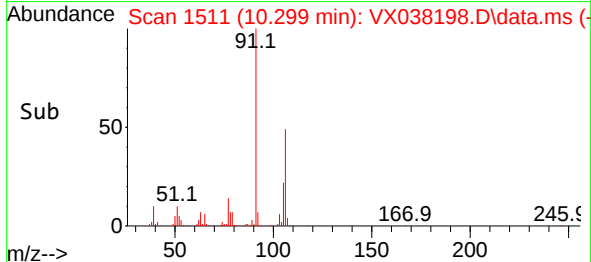
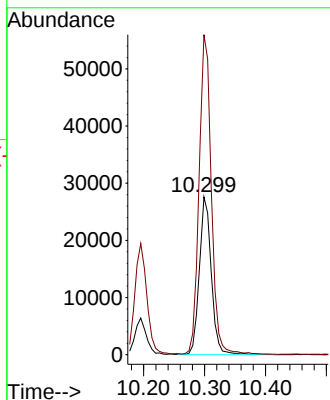
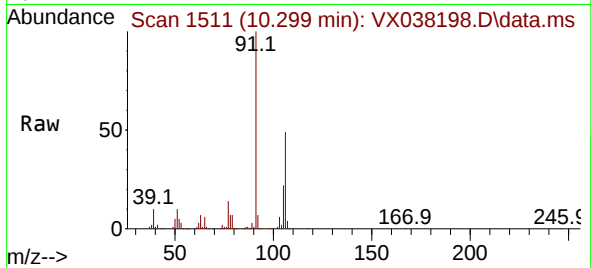




#68
m/p-Xylenes
Concen: 12.976 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038198.D
Acq: 10 Oct 2023 14:00

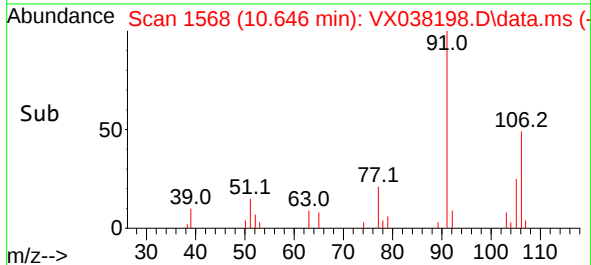
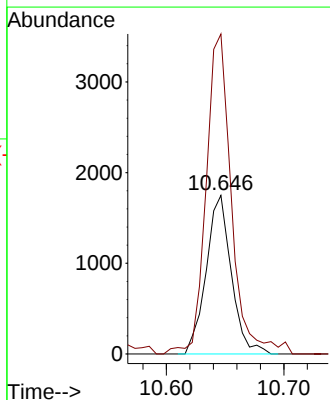
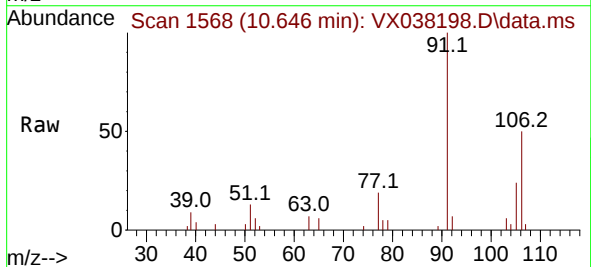
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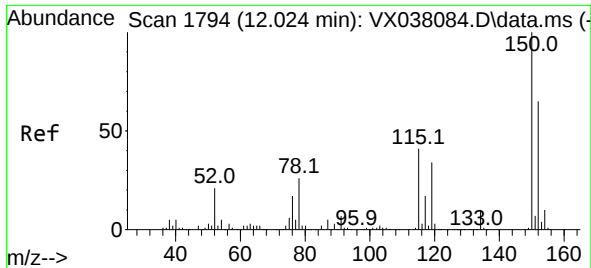
Tgt Ion:106 Resp: 37831
Ion Ratio Lower Upper
106 100
91 207.2 165.5 248.3



#69
o-Xylene
Concen: 0.913 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX038198.D
Acq: 10 Oct 2023 14:00

Tgt Ion:106 Resp: 2599
Ion Ratio Lower Upper
106 100
91 203.7 108.9 326.8

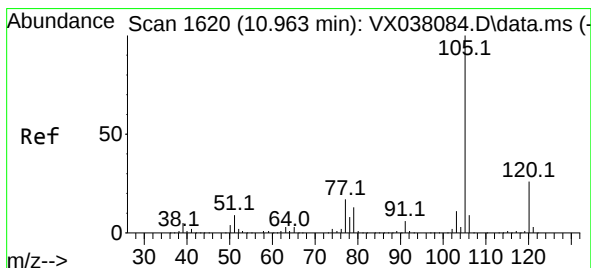
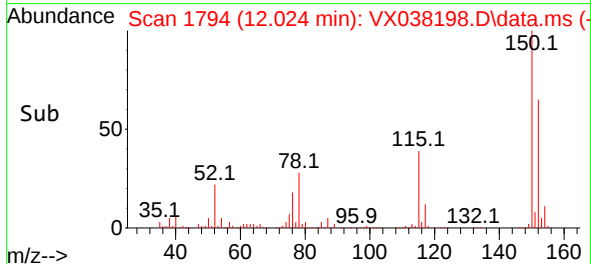
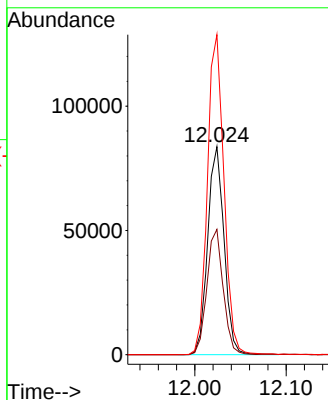
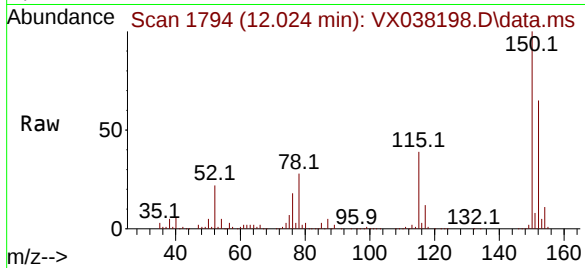




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038198.D
 Acq: 10 Oct 2023 14:00

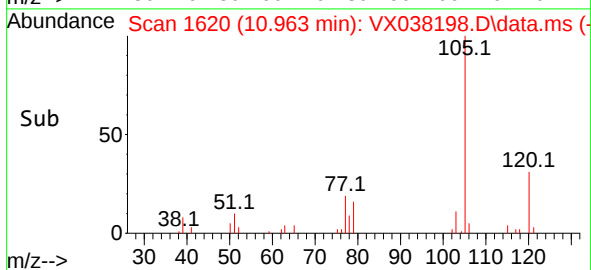
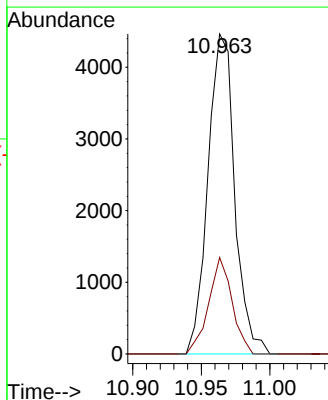
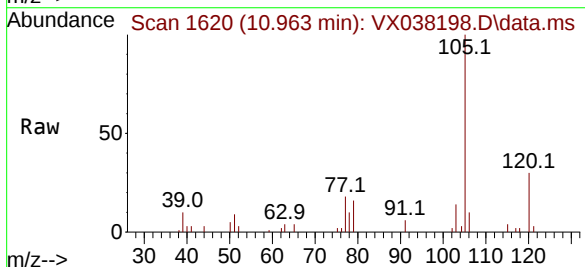
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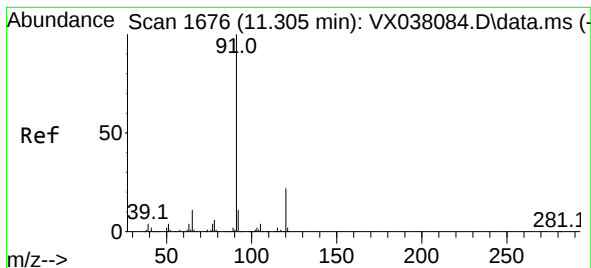
Tgt Ion:152 Resp: 104181
 Ion Ratio Lower Upper
 152 100
 115 59.9 43.3 129.9
 150 155.4 0.0 345.0



#73
 Isopropylbenzene
 Concen: 0.866 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX038198.D
 Acq: 10 Oct 2023 14:00

Tgt Ion:105 Resp: 6048
 Ion Ratio Lower Upper
 105 100
 120 26.5 12.9 38.6





#78

n-propylbenzene

Concen: 0.267 ug/l

RT: 11.311 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX038198.D

Acq: 10 Oct 2023 14:00

Instrument :

MSVOA_X

ClientSampleId :

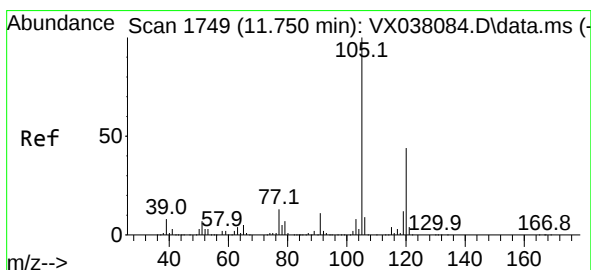
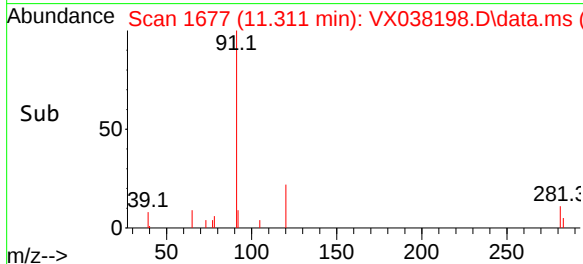
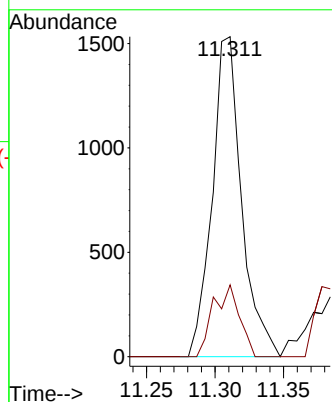
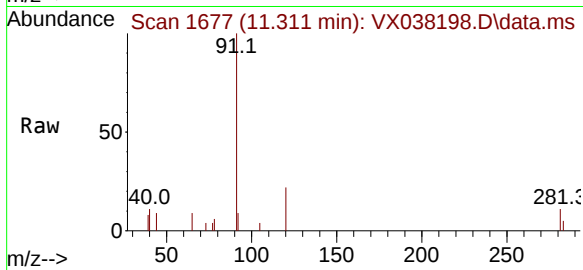
GW-3-23-26

Tgt Ion: 91 Resp: 2278

Ion Ratio Lower Upper

91 100

120 20.1 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 0.259 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX038198.D

Acq: 10 Oct 2023 14:00

Tgt Ion: 105 Resp: 1558

Ion Ratio Lower Upper

105 100

120 37.1 21.2 63.6

