

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
 Data File : VX039884.D
 Acq On : 22 Jan 2024 15:22
 Operator : JC/MD
 Sample : P1186-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-258-260

Quant Time: Jan 23 00:17:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

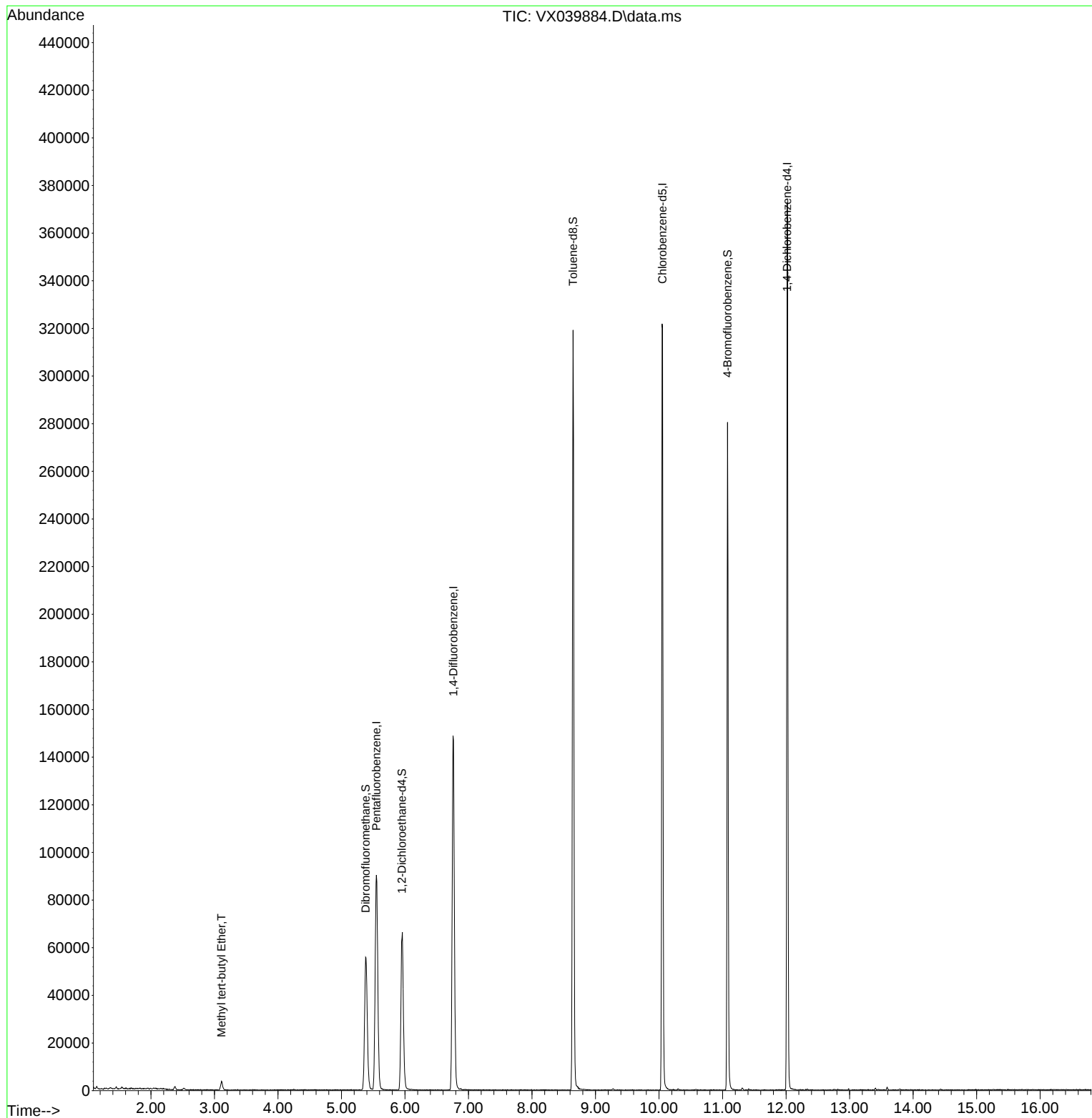
Internal Standards						
1) Pentafluorobenzene	5.550	168	80526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	147594	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63223	46.869	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.740%
35) Dibromofluoromethane	5.379	113	48691	48.980	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.960%
50) Toluene-d8	8.647	98	184027	49.082	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.160%
62) 4-Bromofluorobenzene	11.079	95	70236	47.904	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.800%
Target Compounds						
19) Methyl tert-butyl Ether	3.111	73	3482	1.012	ug/l	93

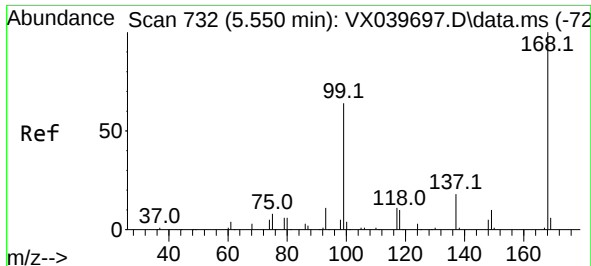
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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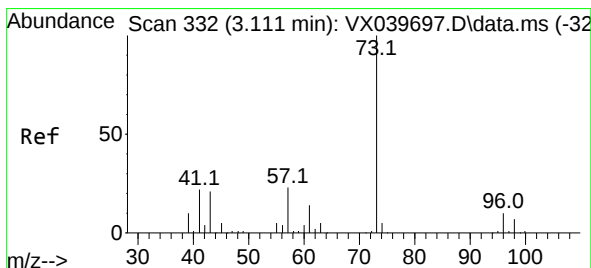
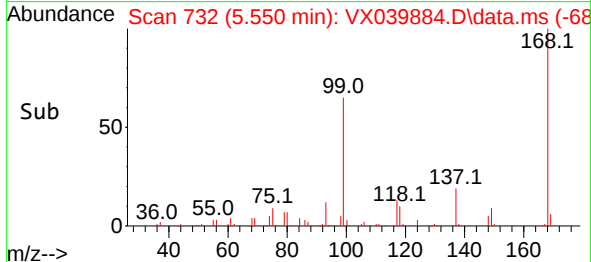
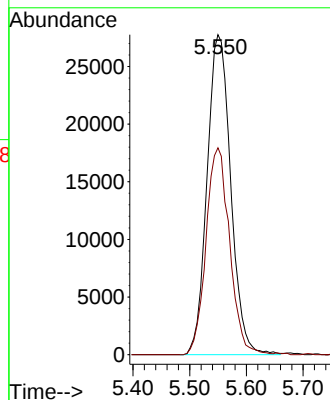
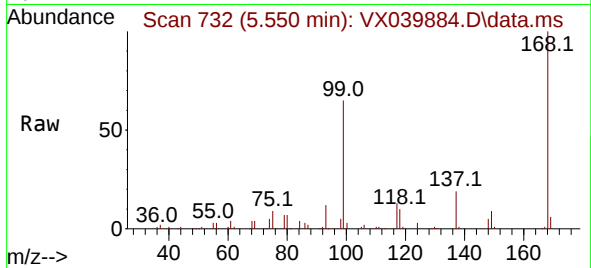




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039884.D
Acq: 22 Jan 2024 15:22

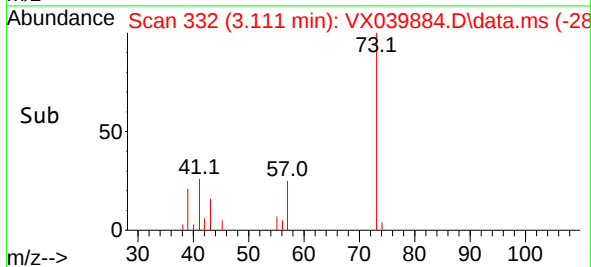
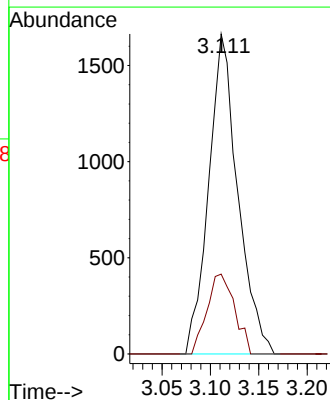
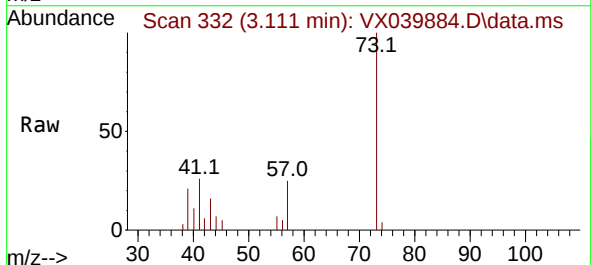
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-258-260

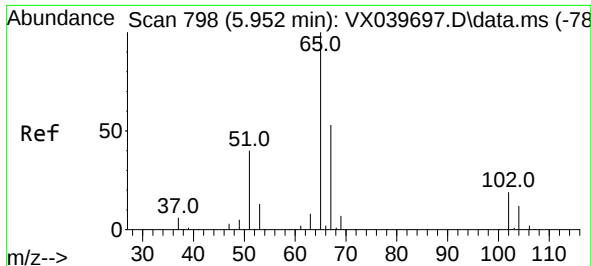
Tgt Ion:168 Resp: 80526
Ion Ratio Lower Upper
168 100
99 64.7 56.6 85.0



#19
Methyl tert-butyl Ether
Concen: 1.012 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX039884.D
Acq: 22 Jan 2024 15:22

Tgt Ion: 73 Resp: 3482
Ion Ratio Lower Upper
73 100
57 24.9 17.3 25.9





#33

1,2-Dichloroethane-d4

Concen: 46.869 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039884.D

Acq: 22 Jan 2024 15:22

Instrument :

MSVOA_X

ClientSampleId :

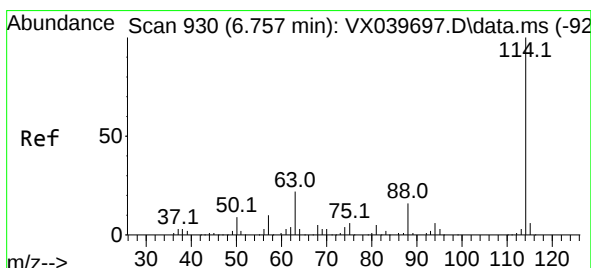
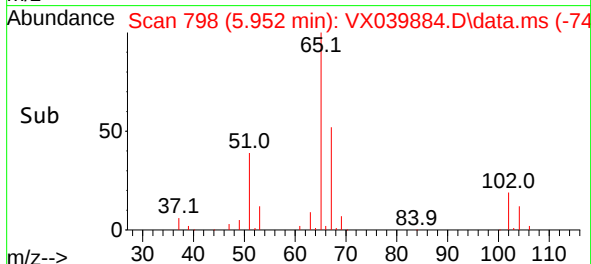
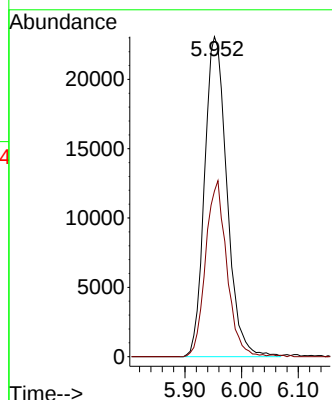
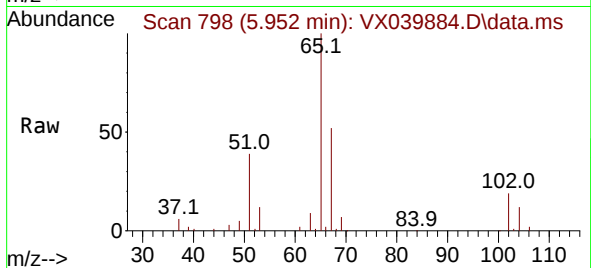
BP-VPB-191-GW-258-260

Tgt Ion: 65 Resp: 63223

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX039884.D

Acq: 22 Jan 2024 15:22

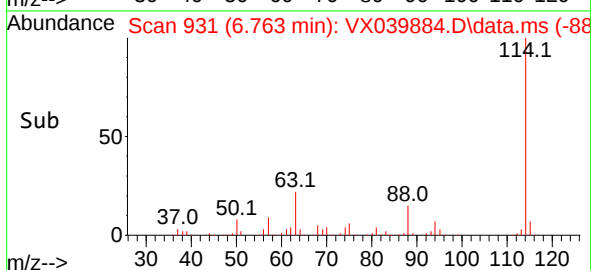
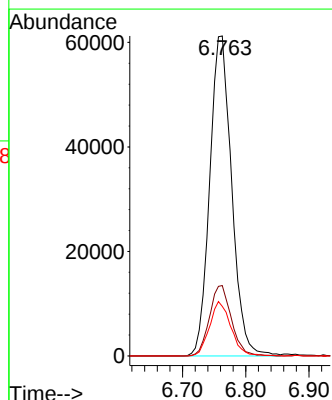
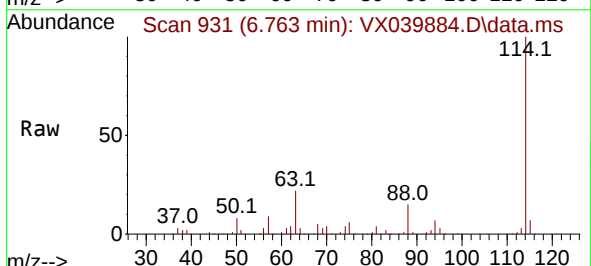
Tgt Ion: 114 Resp: 147594

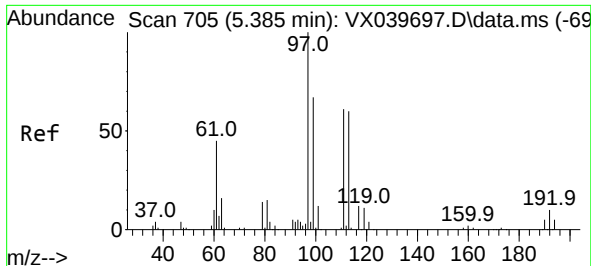
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.0

88 15.5 0.0 36.6

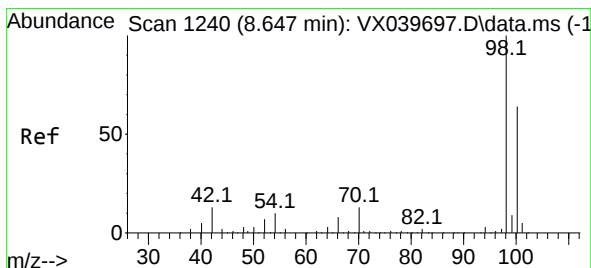
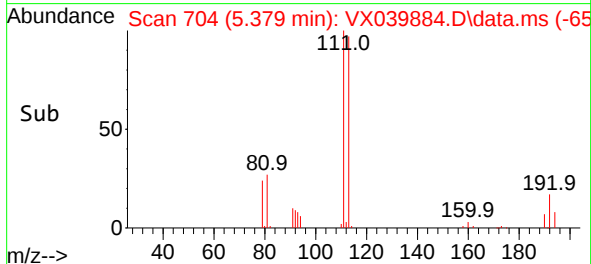
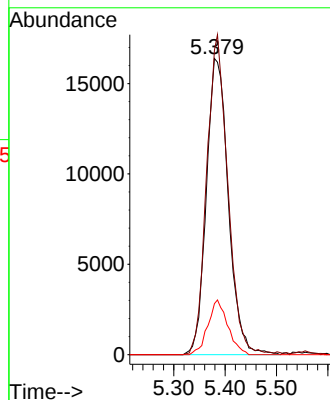
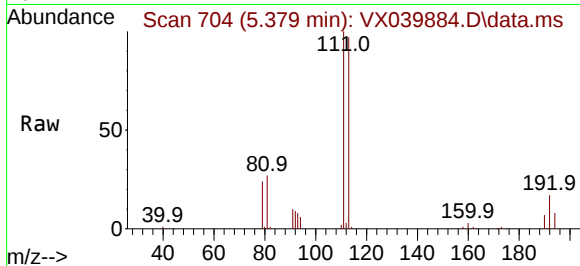




#35
Dibromofluoromethane
Concen: 48.980 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX039884.D
Acq: 22 Jan 2024 15:22

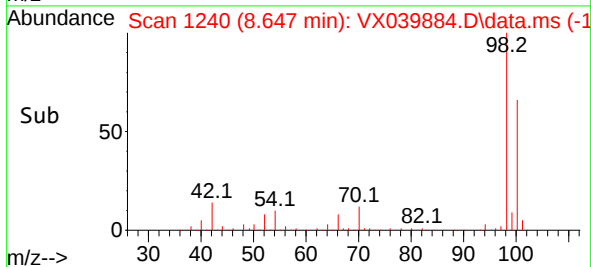
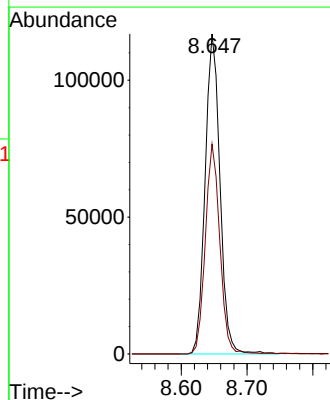
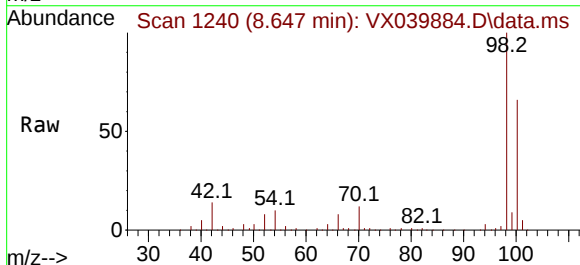
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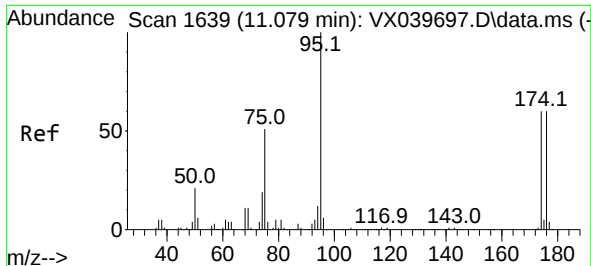
Tgt Ion:113 Resp: 48691
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 16.7 13.3 19.9



#50
Toluene-d8
Concen: 49.082 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039884.D
Acq: 22 Jan 2024 15:22

Tgt Ion: 98 Resp: 184027
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

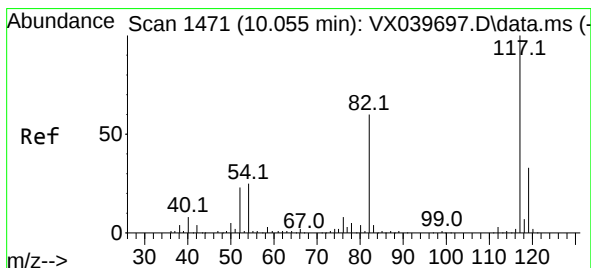
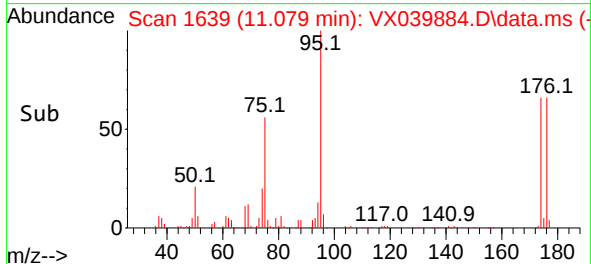
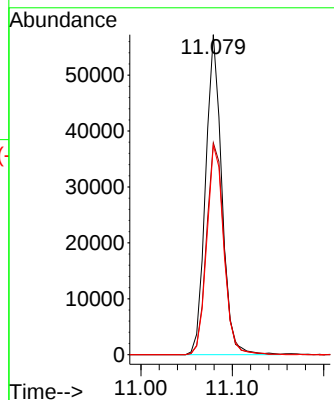
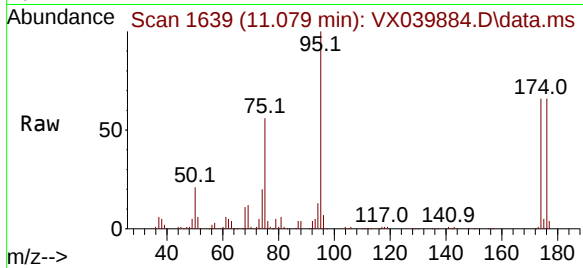




#62
4-Bromofluorobenzene
Concen: 47.904 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039884.D
Acq: 22 Jan 2024 15:22

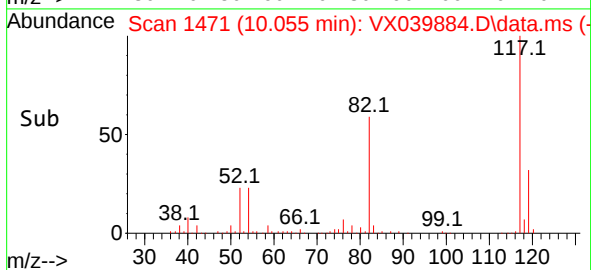
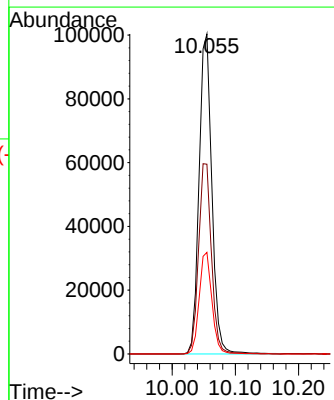
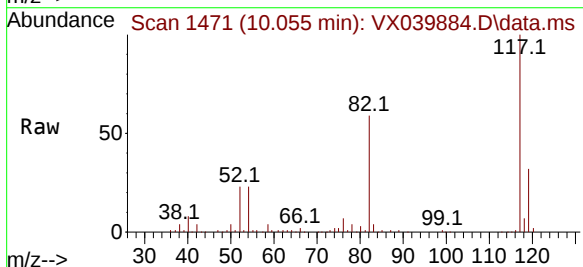
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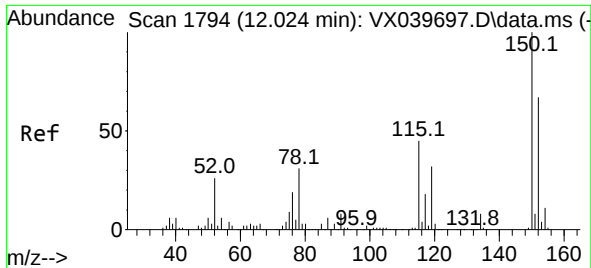
Tgt Ion: 95 Resp: 70236
Ion Ratio Lower Upper
95 100
174 71.3 0.0 135.6
176 68.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039884.D
Acq: 22 Jan 2024 15:22

Tgt Ion: 117 Resp: 141313
Ion Ratio Lower Upper
117 100
82 59.3 46.2 69.4
119 31.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX039884.D

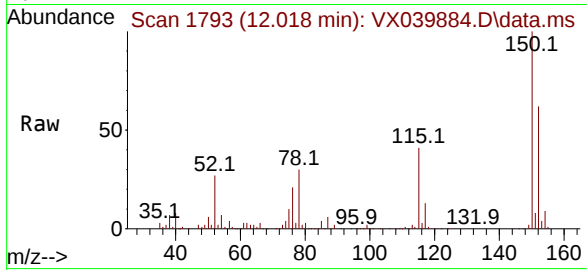
Acq: 22 Jan 2024 15:22

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-258-260



Tgt Ion:152 Resp: 69233

Ion Ratio Lower Upper

152 100

115 64.7 43.3 129.9

150 160.3 0.0 345.0

