

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
 Data File : VX039887.D
 Acq On : 22 Jan 2024 16:30
 Operator : JC/MD
 Sample : P1186-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-318-320

Quant Time: Jan 23 00:19:03 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)

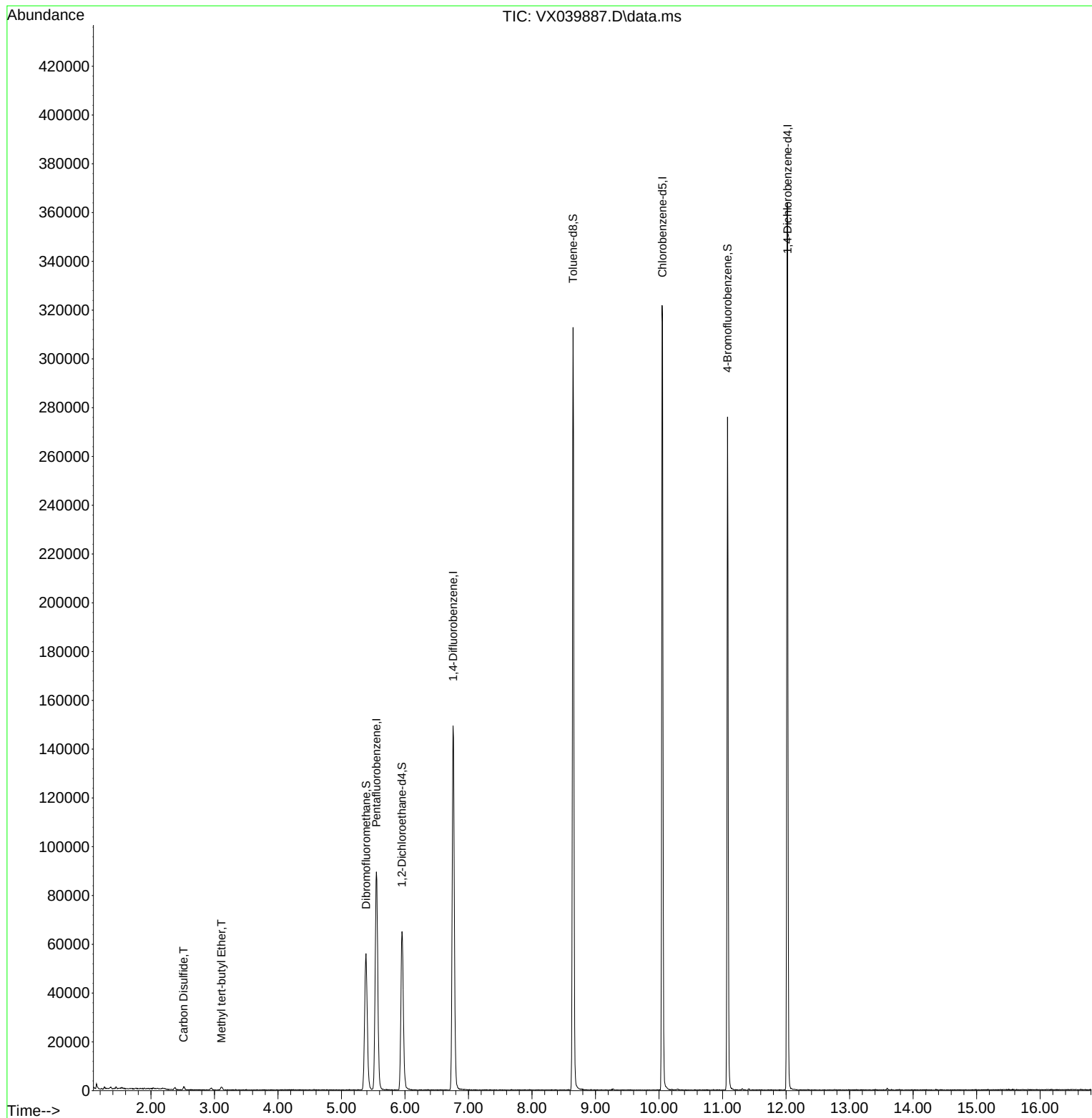
Internal Standards						
1) Pentafluorobenzene	5.550	168	79151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	145482	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62975	47.496	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.000%
35) Dibromofluoromethane	5.385	113	48057	49.044	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.080%
50) Toluene-d8	8.647	98	178960	48.424	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.840%
62) 4-Bromofluorobenzene	11.079	95	70143	48.535	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.080%
Target Compounds						
17) Carbon Disulfide	2.514	76	1189	0.434	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	1294	0.383	ug/l	92

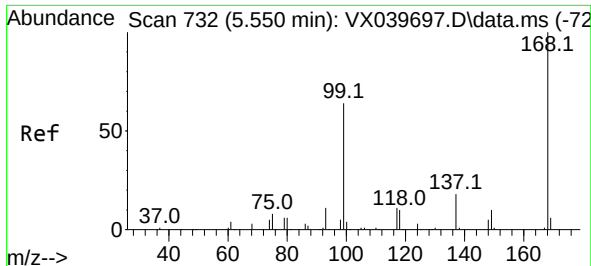
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 11 03:51:26 2024
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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

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Instrument :

MSVOA_X

ClientSampleId :

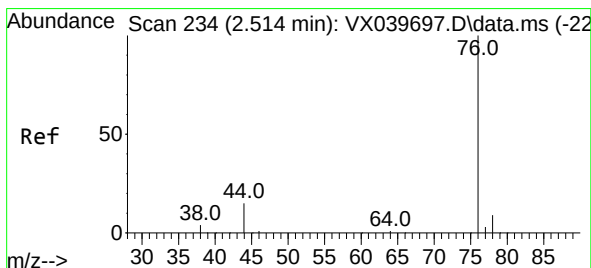
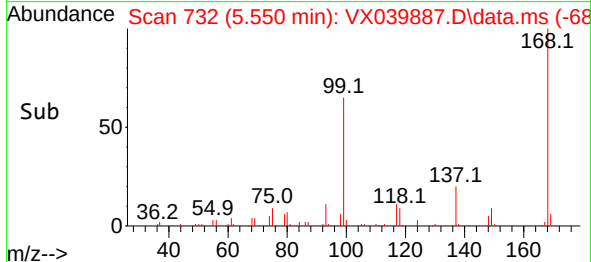
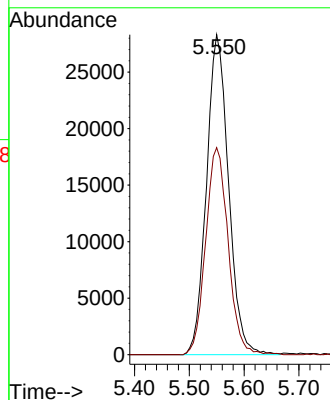
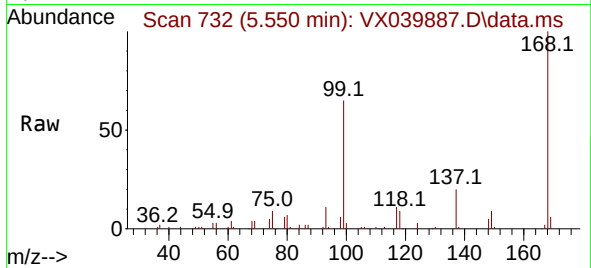
BP-VPB-191-GW-318-320

Tgt Ion:168 Resp: 79151

Ion Ratio Lower Upper

168 100

99 64.7 56.6 85.0



#17

Carbon Disulfide

Concen: 0.434 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX039887.D

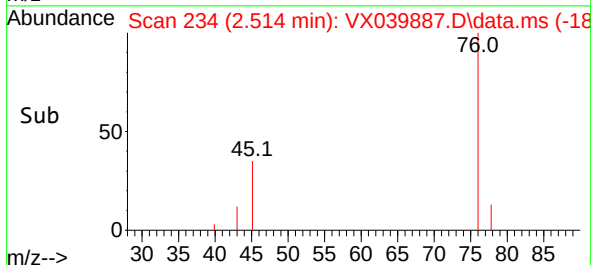
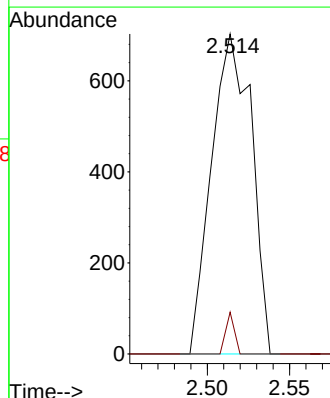
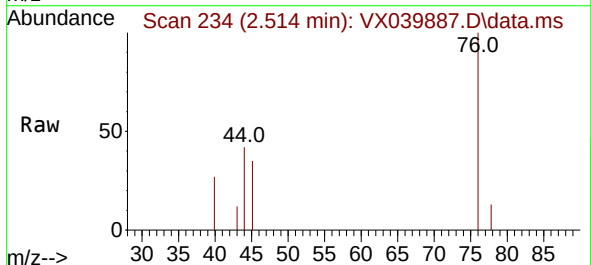
Acq: 22 Jan 2024 16:30

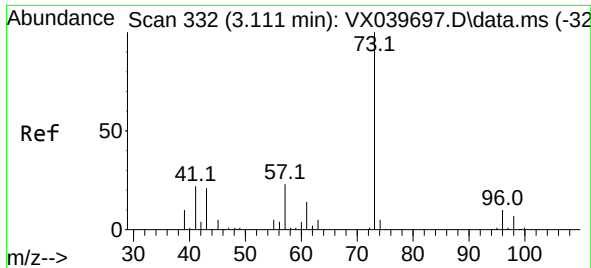
Tgt Ion: 76 Resp: 1189

Ion Ratio Lower Upper

76 100

78 13.1 7.0 10.6#

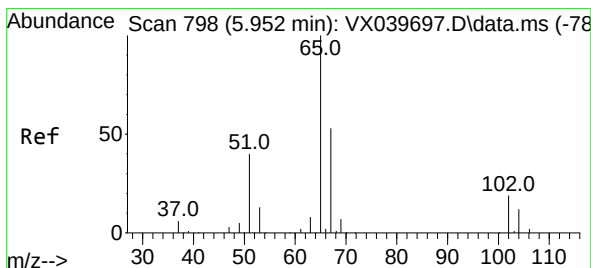
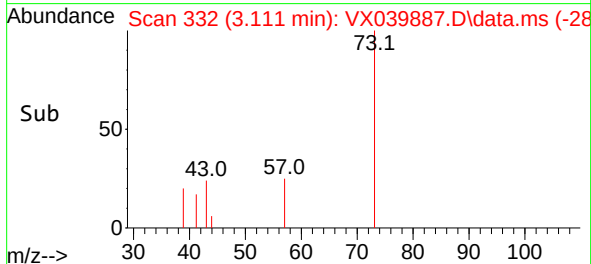
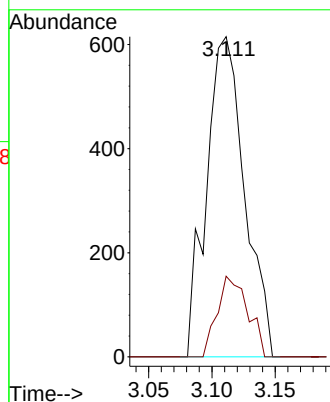
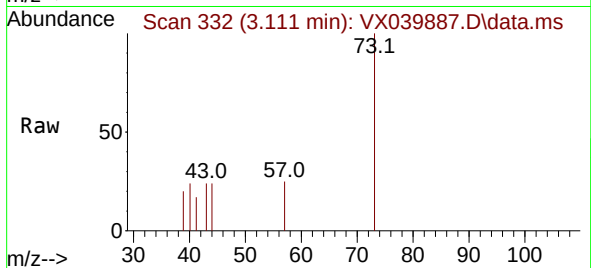




#19
Methyl tert-butyl Ether
Concen: 0.383 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039887.D
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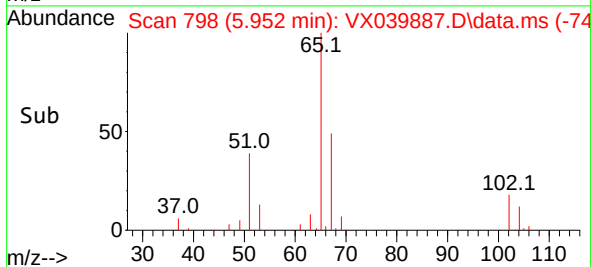
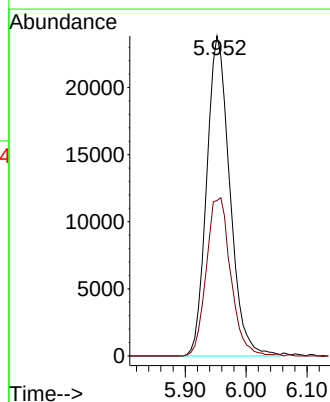
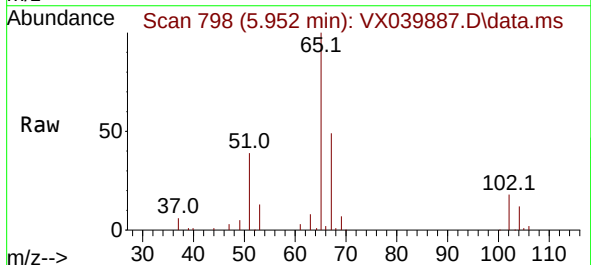
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-318-320

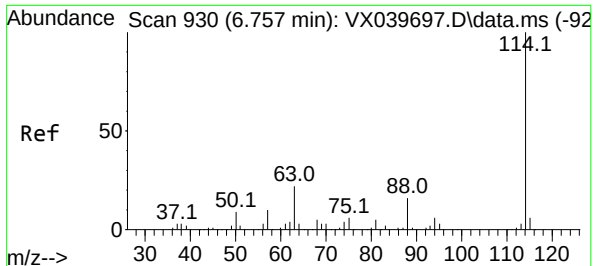
Tgt Ion: 73 Resp: 1294
Ion Ratio Lower Upper
73 100
57 25.2 17.3 25.9



#33
1,2-Dichloroethane-d4
Concen: 47.496 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039887.D
Acq: 22 Jan 2024 16:30

Tgt Ion: 65 Resp: 62975
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

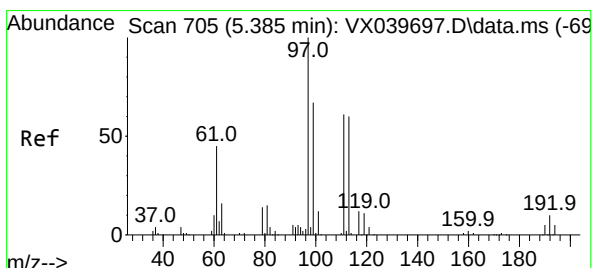
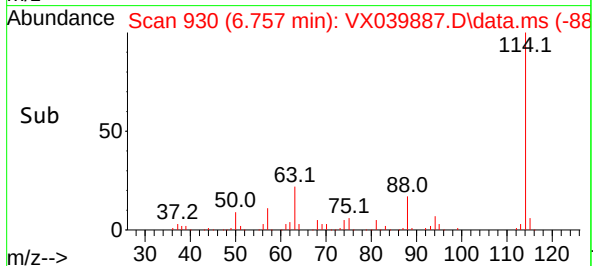
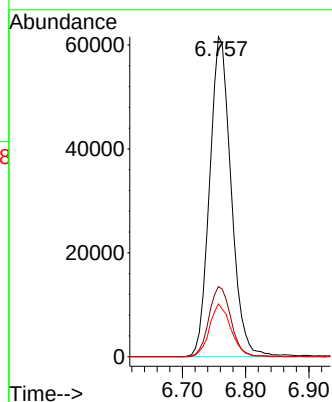
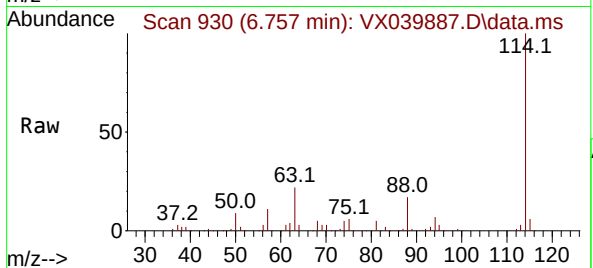




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039887.D
Acq: 22 Jan 2024 16:30

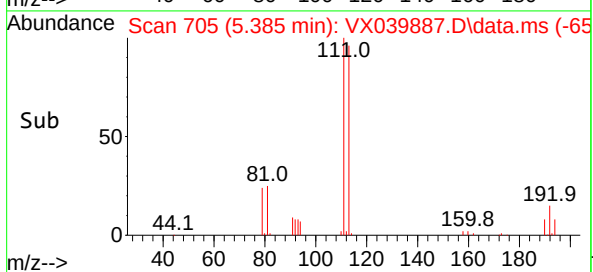
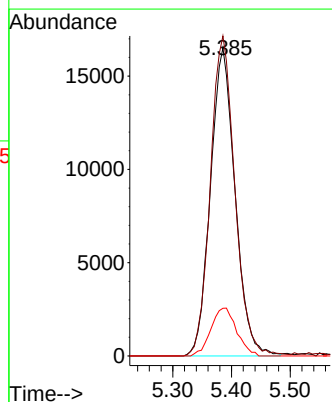
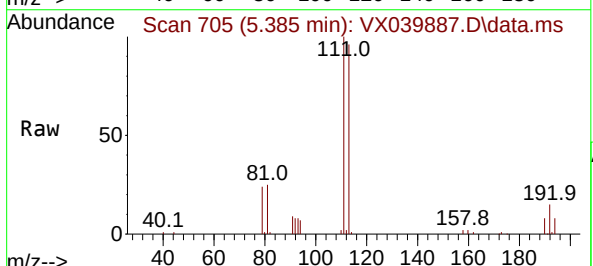
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-318-320

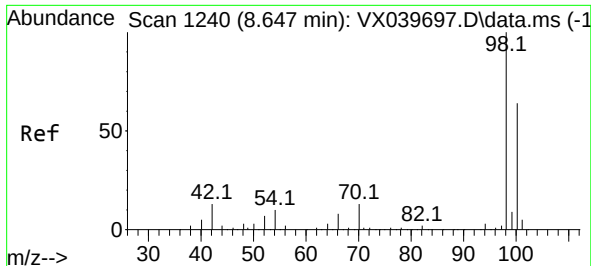
Tgt Ion:114 Resp: 145482
Ion Ratio Lower Upper
114 100
63 21.9 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.044 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039887.D
Acq: 22 Jan 2024 16:30

Tgt Ion:113 Resp: 48057
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 16.2 13.3 19.9

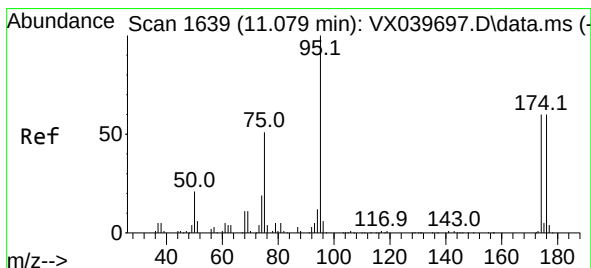
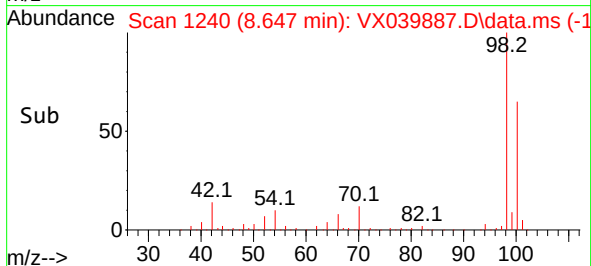
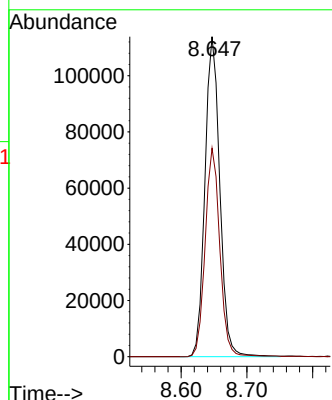
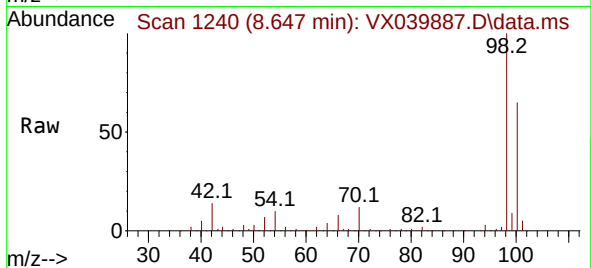




#50
Toluene-d8
Concen: 48.424 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039887.D
Acq: 22 Jan 2024 16:30

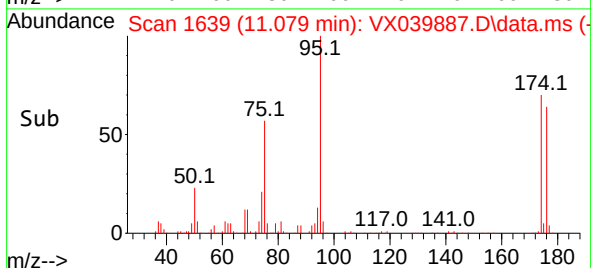
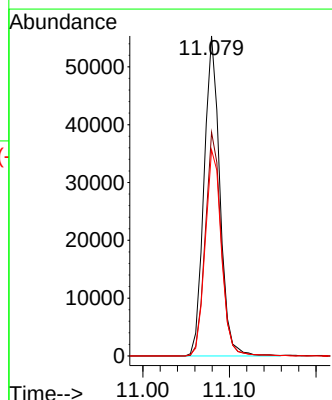
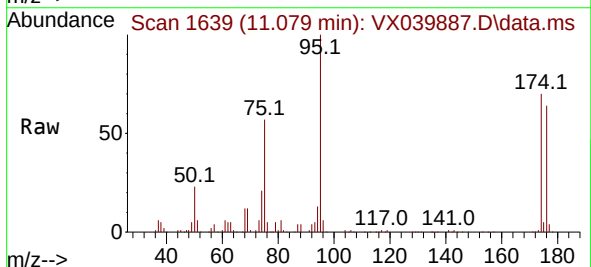
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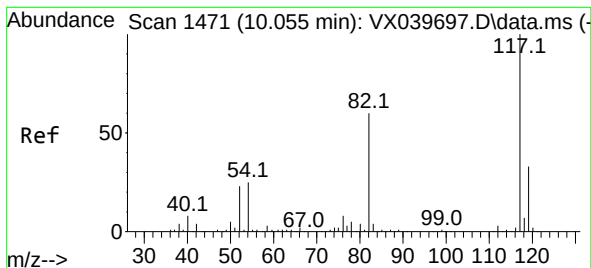
Tgt Ion: 98 Resp: 178960
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.535 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039887.D
Acq: 22 Jan 2024 16:30

Tgt Ion: 95 Resp: 70143
Ion Ratio Lower Upper
95 100
174 70.5 0.0 135.6
176 66.3 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: VX039887.D

Acq: 22 Jan 2024 16:30

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-318-320

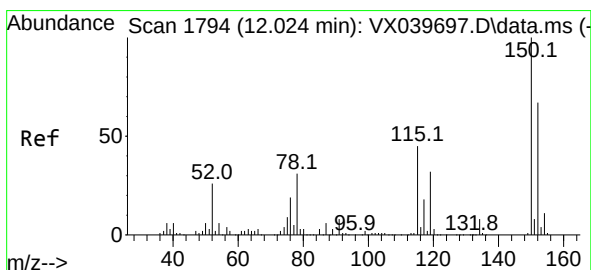
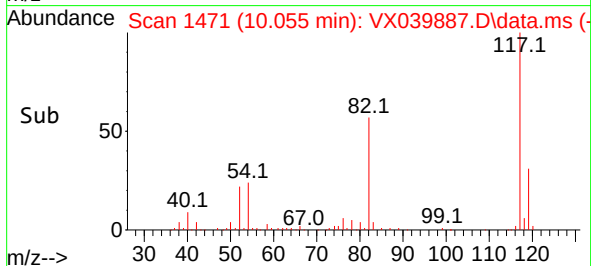
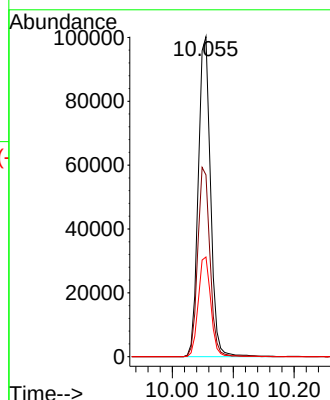
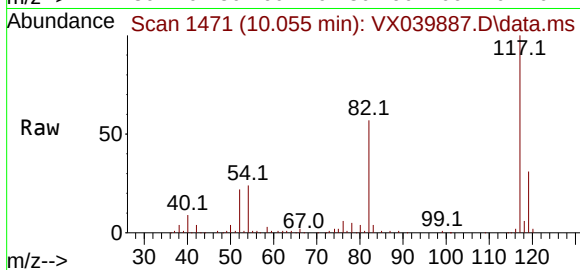
Tgt Ion:117 Resp: 139573

Ion Ratio Lower Upper

117 100

82 56.8 46.2 69.4

119 31.2 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX039887.D

Acq: 22 Jan 2024 16:30

Tgt Ion:152 Resp: 69116

Ion Ratio Lower Upper

152 100

115 64.5 43.3 129.9

150 154.4 0.0 345.0

