

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021224\
 Data File : VX040198.D
 Acq On : 12 Feb 2024 14:42
 Operator : JC/MD
 Sample : P1438-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-EB-20240207

Quant Time: Feb 12 16:16:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

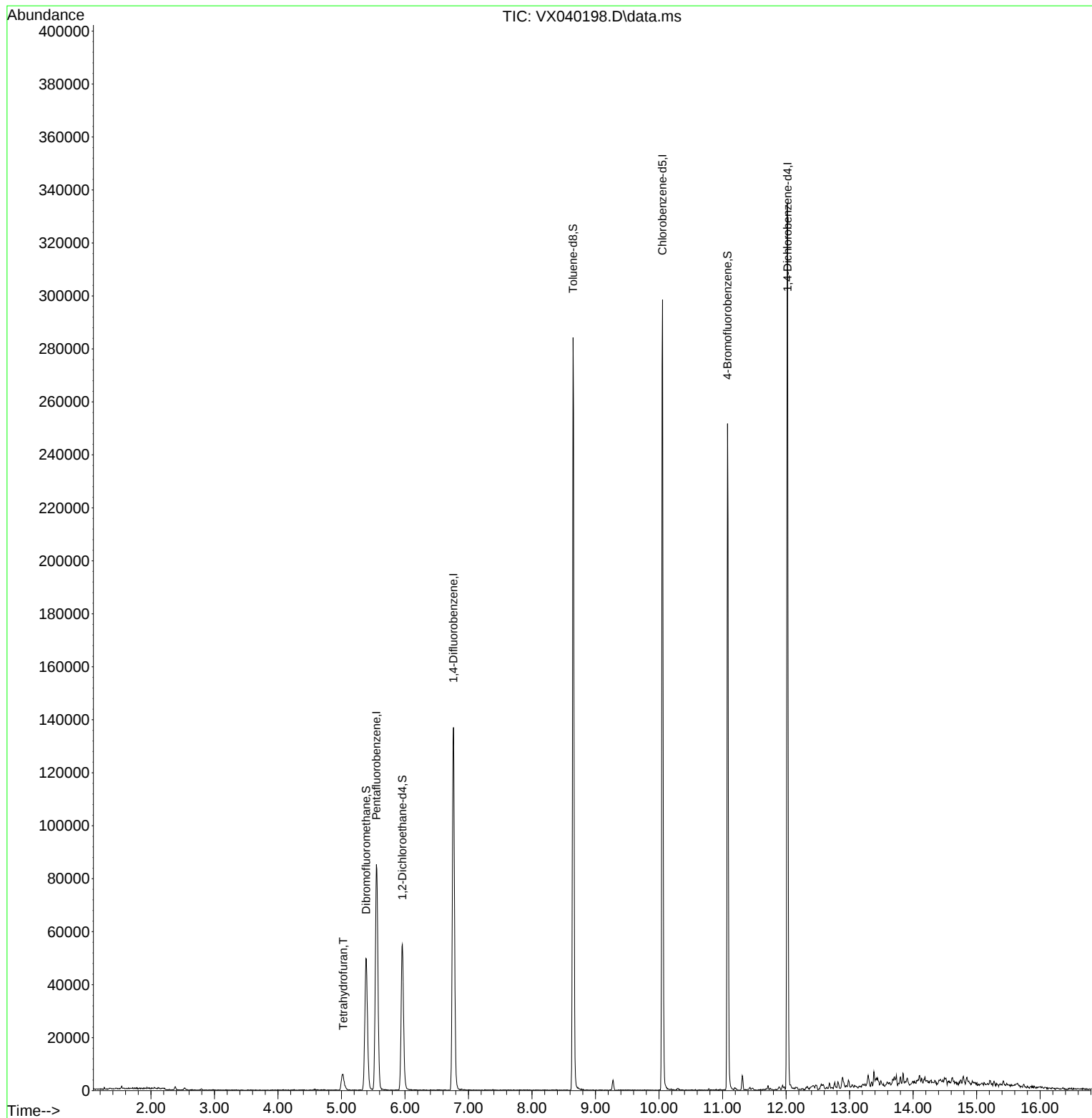
Internal Standards						
1) Pentafluorobenzene	5.550	168	80901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	138250	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54053	44.911	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.820%
35) Dibromofluoromethane	5.385	113	43595	45.155	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.300%
50) Toluene-d8	8.647	98	166633	46.139	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.280%
62) 4-Bromofluorobenzene	11.079	95	67473	45.809	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.620%
Target Compounds						
29) Tetrahydrofuran	5.025	42	5846	11.613	ug/l	Qvalue 95

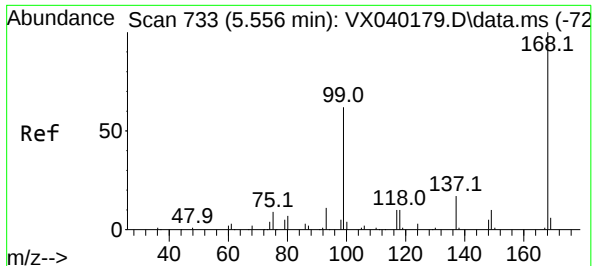
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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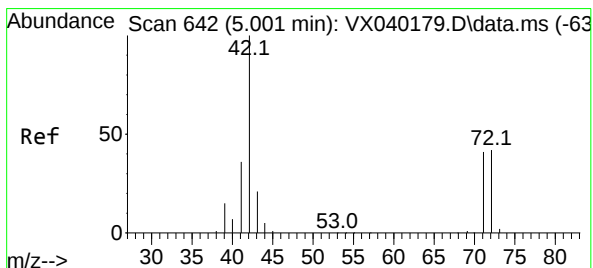
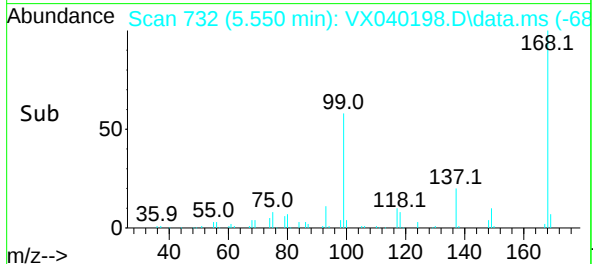
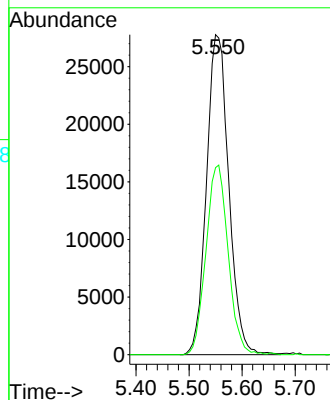
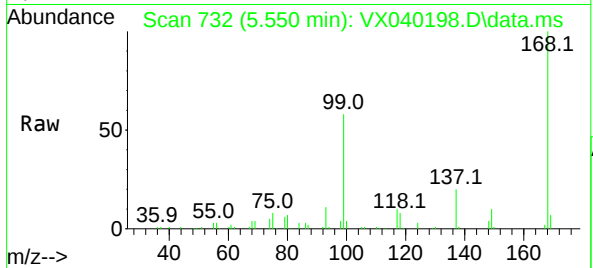




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040198.D
Acq: 12 Feb 2024 14:42

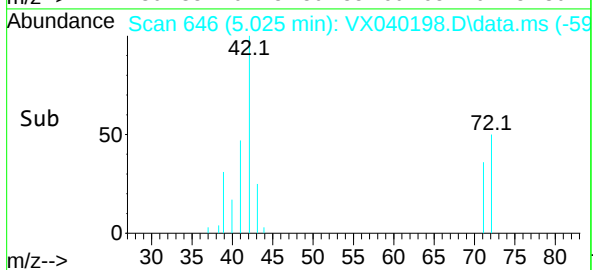
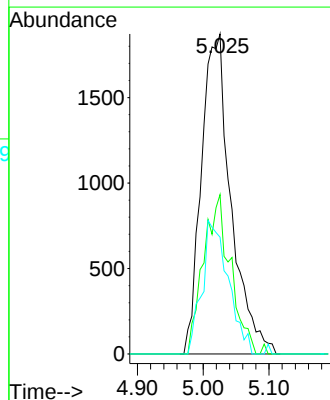
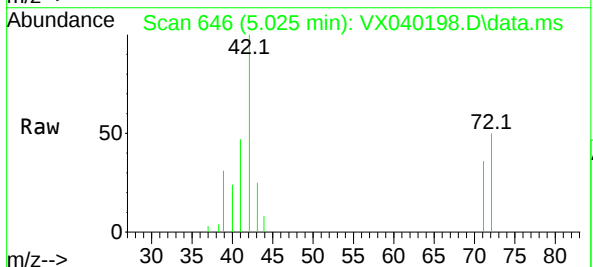
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-EB-20240207

Tgt Ion:168 Resp: 80901
Ion Ratio Lower Upper
168 100
99 58.4 56.6 85.0



#29
Tetrahydrofuran
Concen: 11.613 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.018 min
Lab File: VX040198.D
Acq: 12 Feb 2024 14:42

Tgt Ion: 42 Resp: 5846
Ion Ratio Lower Upper
42 100
72 45.4 34.2 51.4
71 36.9 32.2 48.2





#33

1,2-Dichloroethane-d4

Concen: 44.911 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX040198.D

Acq: 12 Feb 2024 14:42

Instrument :

MSVOA_X

ClientSampleId :

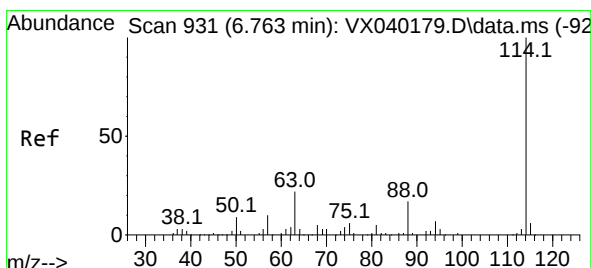
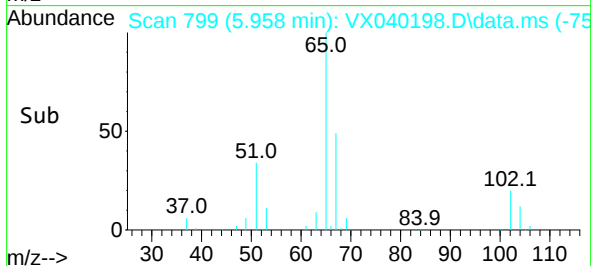
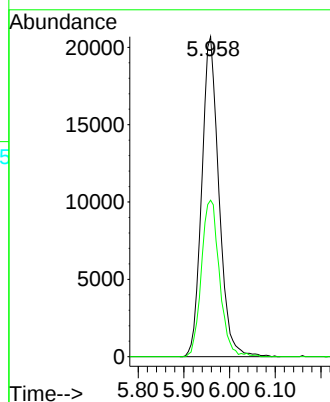
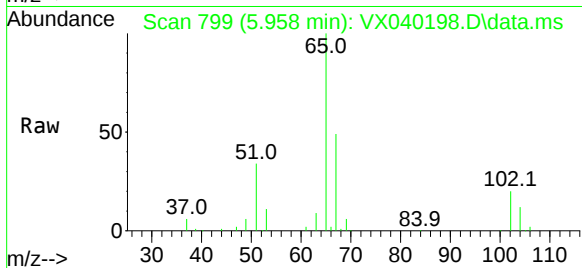
BP-VPB-191-EB-20240207

Tgt Ion: 65 Resp: 54053

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# 931

Delta R.T. 0.000 min

Lab File: VX040198.D

Acq: 12 Feb 2024 14:42

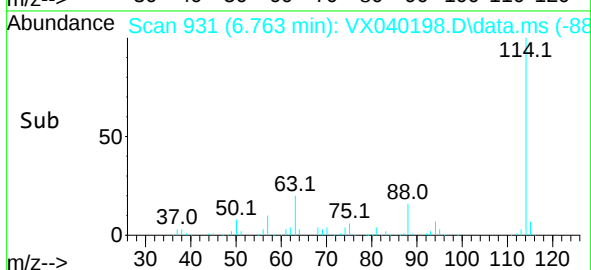
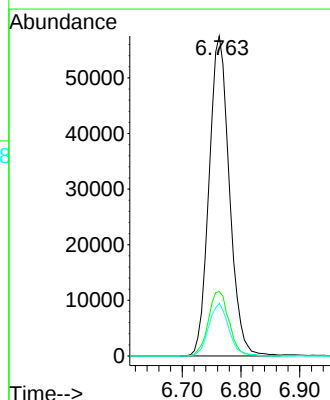
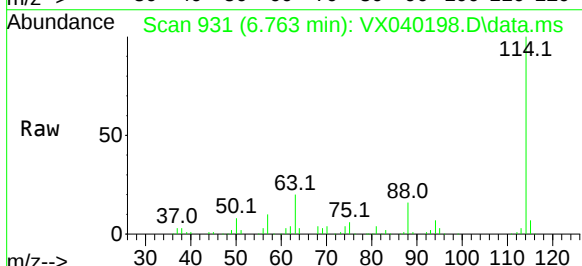
Tgt Ion: 114 Resp: 138250

Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.155 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040198.D

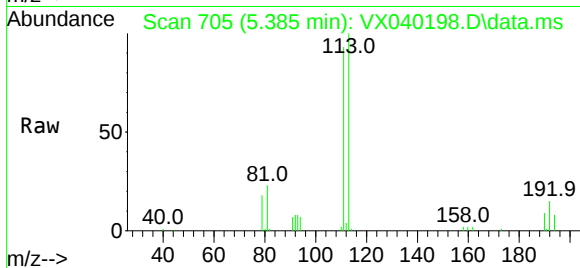
Acq: 12 Feb 2024 14:42

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-EB-20240207



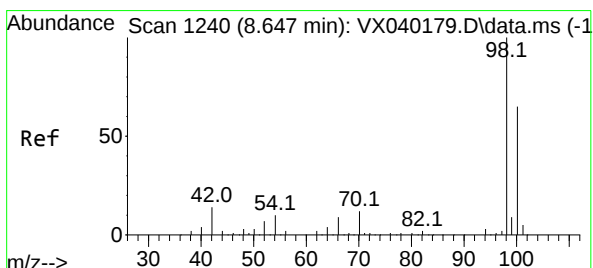
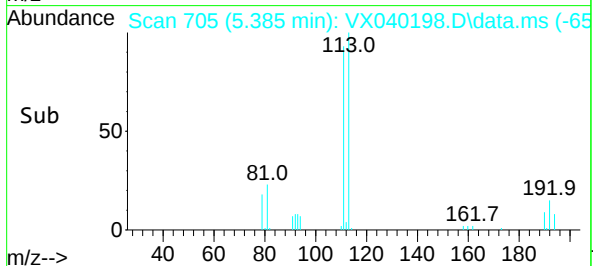
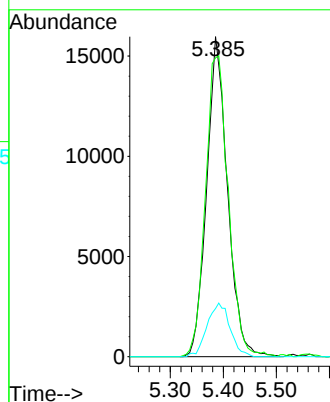
Tgt Ion:113 Resp: 43595

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

192 18.4 13.3 19.9



#50

Toluene-d8

Concen: 46.139 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX040198.D

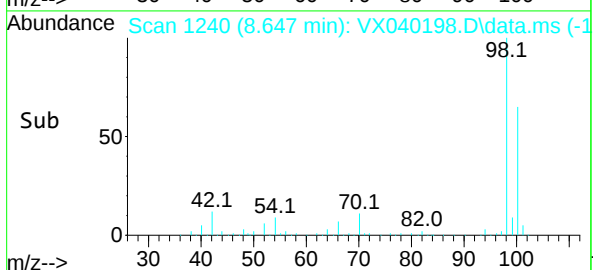
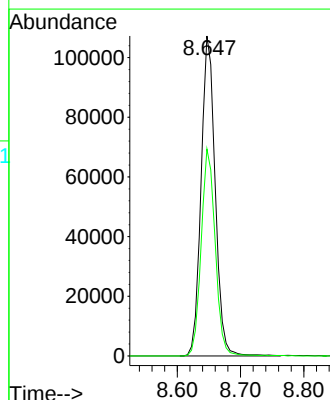
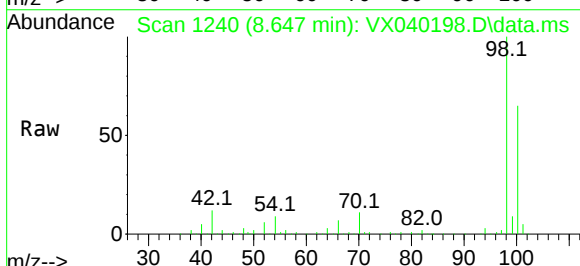
Acq: 12 Feb 2024 14:42

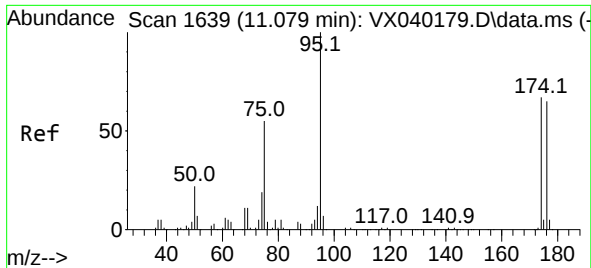
Tgt Ion: 98 Resp: 166633

Ion Ratio Lower Upper

98 100

100 64.5 53.1 79.7

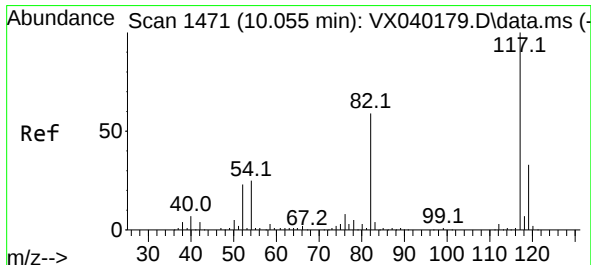
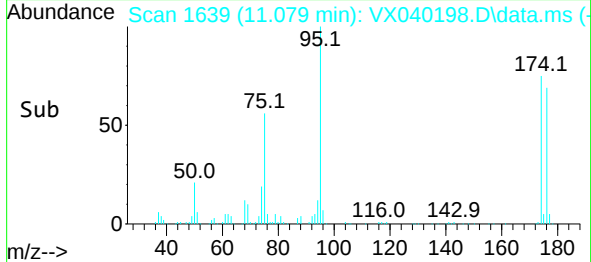
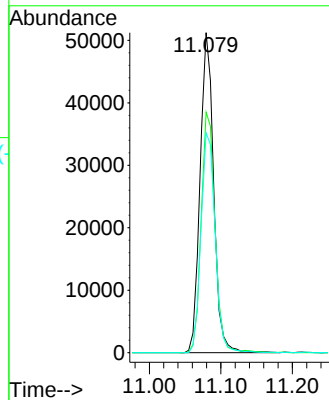
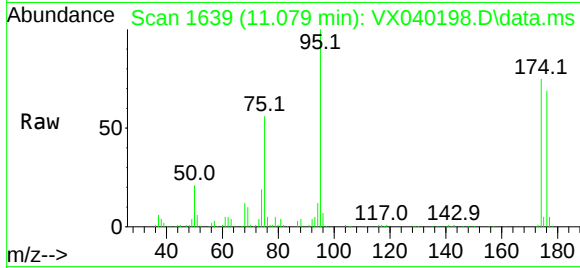




#62
4-Bromofluorobenzene
Concen: 45.809 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040198.D
Acq: 12 Feb 2024 14:42

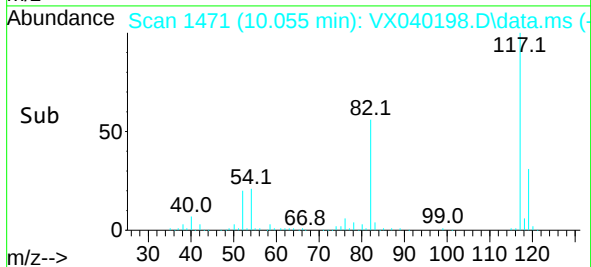
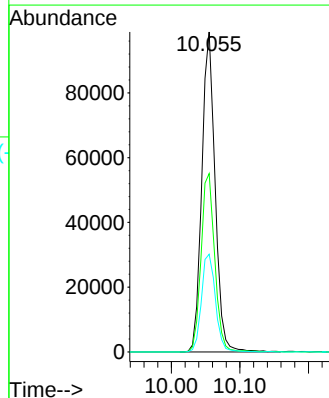
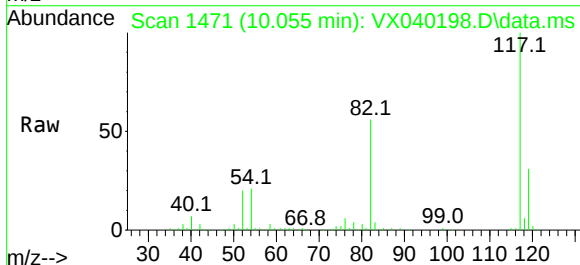
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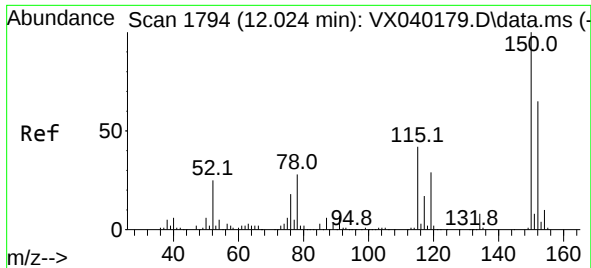
Tgt Ion:	95	Resp:	67473
Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	135.6
176	71.8	0.0	131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040198.D
Acq: 12 Feb 2024 14:42

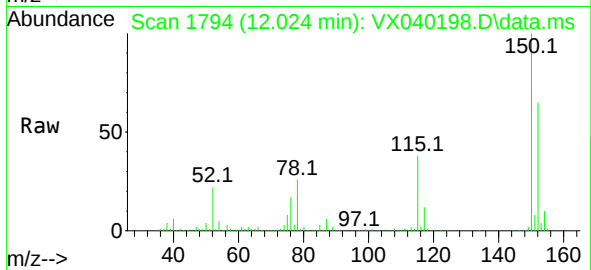
Tgt Ion:	117	Resp:	133641
Ion	Ratio	Lower	Upper
117	100		
82	55.7	46.2	69.4
119	30.6	25.5	38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040198.D
 Acq: 12 Feb 2024 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-EB-20240207



Tgt Ion:152 Resp: 69475
 Ion Ratio Lower Upper
 152 100
 115 61.6 43.3 129.9
 150 157.2 0.0 345.0

