

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062124\
 Data File : VX041979.D
 Acq On : 21 Jun 2024 14:24
 Operator : JC/MD
 Sample : P3003-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-189-EB-20240619

Quant Time: Jun 22 04:41:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

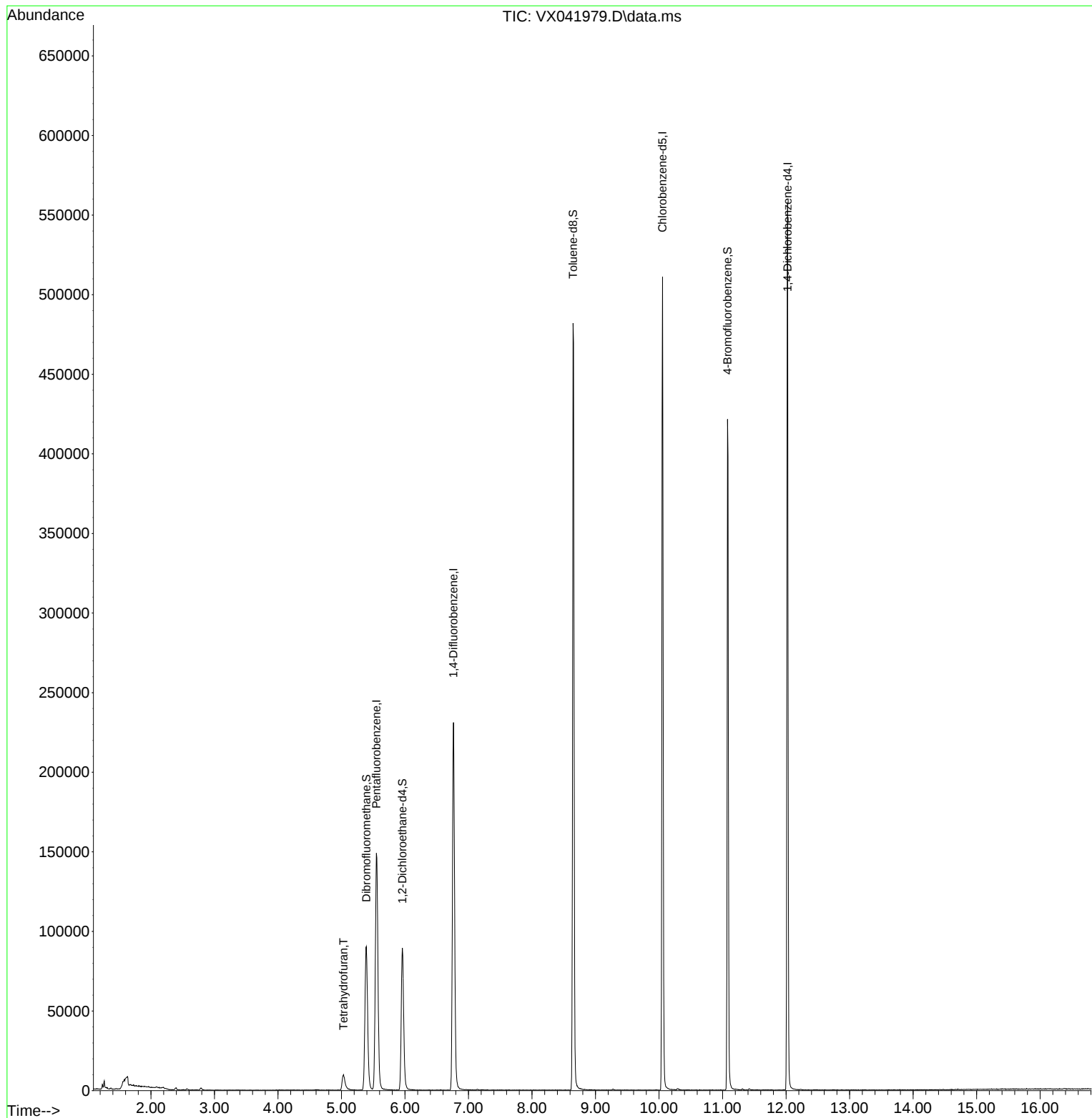
Internal Standards						
1) Pentafluorobenzene	5.550	168	163252	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	255051	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86301	45.844	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.680%
35) Dibromofluoromethane	5.391	113	81416	44.988	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.980%
50) Toluene-d8	8.647	98	302258	47.542	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.080%
62) 4-Bromofluorobenzene	11.079	95	114323	48.781	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.560%
Target Compounds						
29) Tetrahydrofuran	5.032	42	10171	12.246	ug/l	Qvalue 97

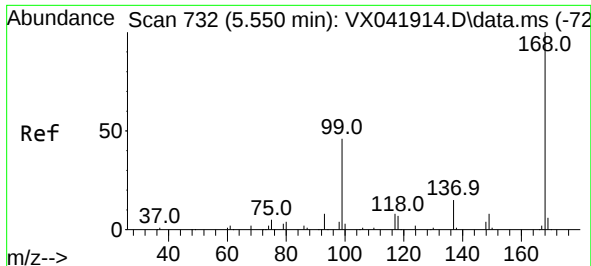
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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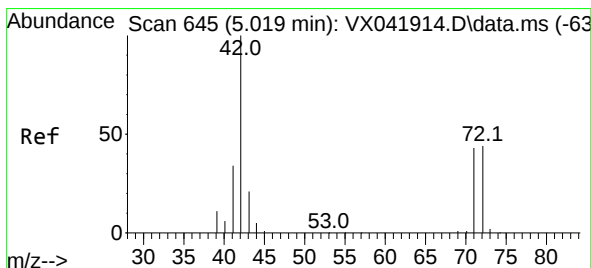
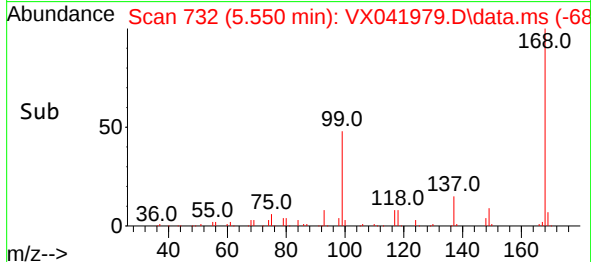
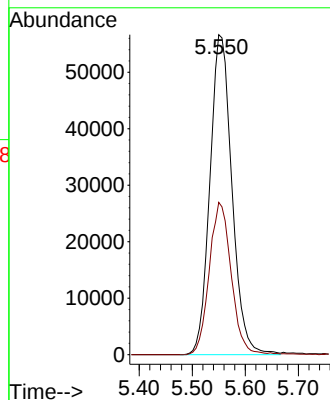
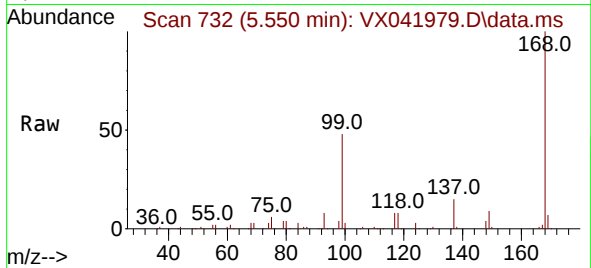




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041979.D
Acq: 21 Jun 2024 14:24

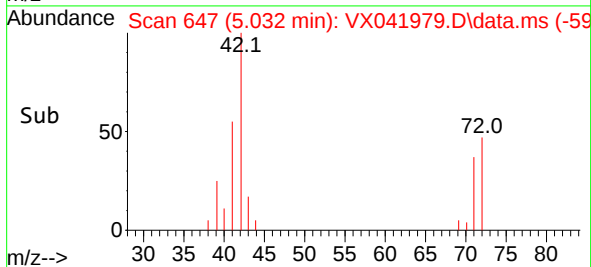
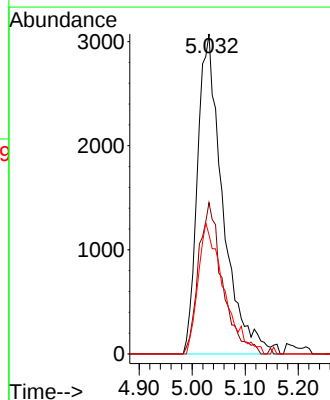
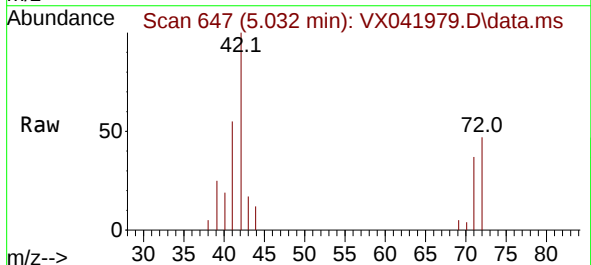
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-EB-20240619

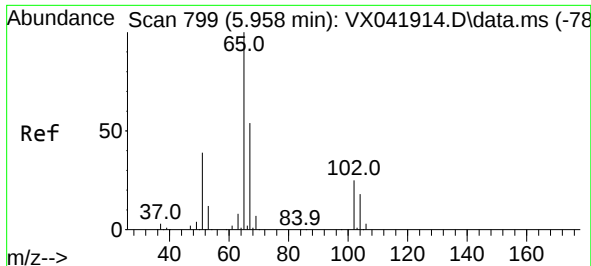
Tgt Ion:168 Resp: 163252
Ion Ratio Lower Upper
168 100
99 47.6 56.6 85.0#



#29
Tetrahydrofuran
Concen: 12.246 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.012 min
Lab File: VX041979.D
Acq: 21 Jun 2024 14:24

Tgt Ion: 42 Resp: 10171
Ion Ratio Lower Upper
42 100
72 44.7 34.2 51.4
71 41.6 32.2 48.2





#33

1,2-Dichloroethane-d4

Concen: 45.844 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX041979.D

Acq: 21 Jun 2024 14:24

Instrument :

MSVOA_X

ClientSampleId :

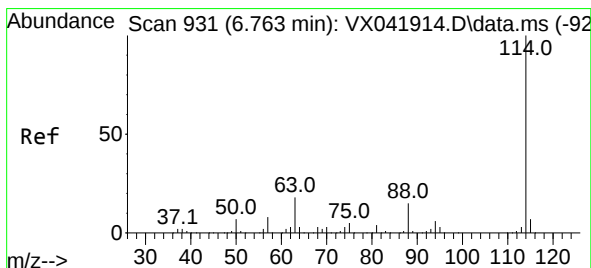
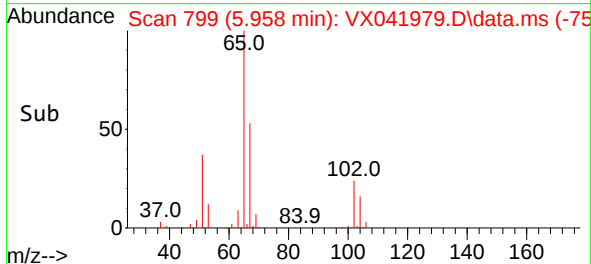
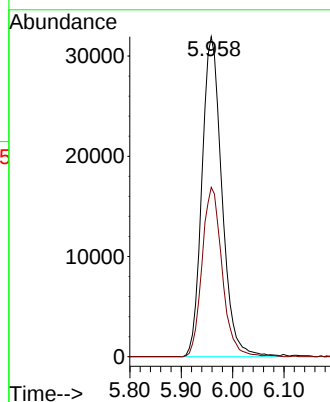
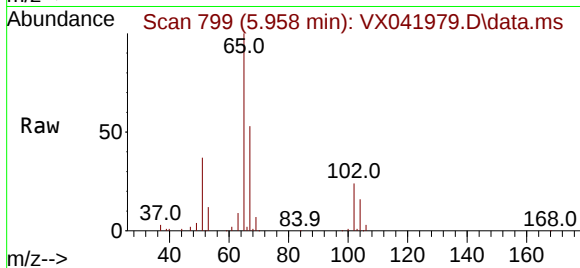
BP-VPB-189-EB-20240619

Tgt Ion: 65 Resp: 86301

Ion Ratio Lower Upper

65 100

67 52.9 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: VX041979.D

Acq: 21 Jun 2024 14:24

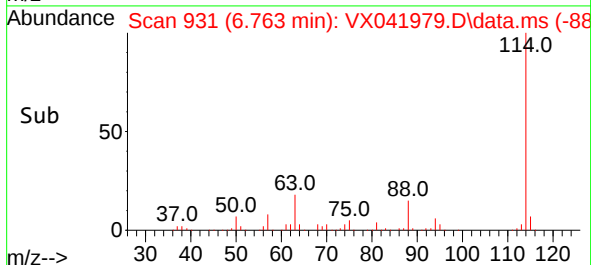
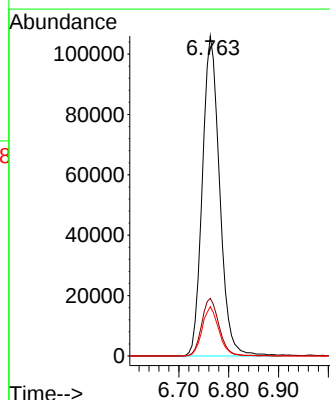
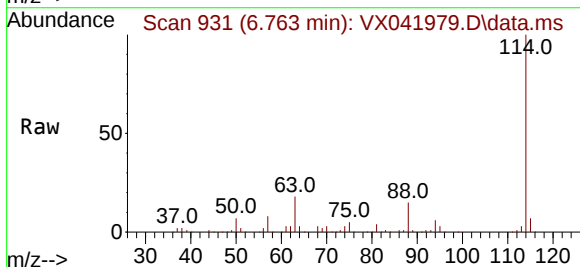
Tgt Ion: 114 Resp: 255051

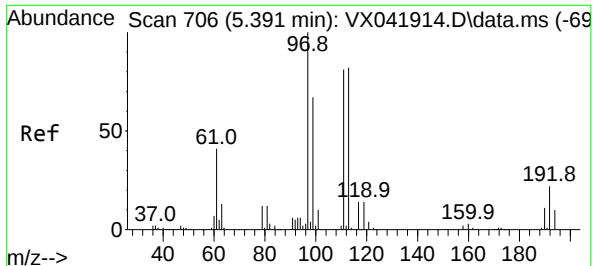
Ion Ratio Lower Upper

114 100

63 18.0 0.0 45.0

88 15.4 0.0 36.6

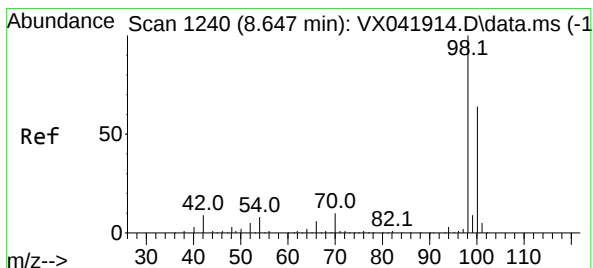
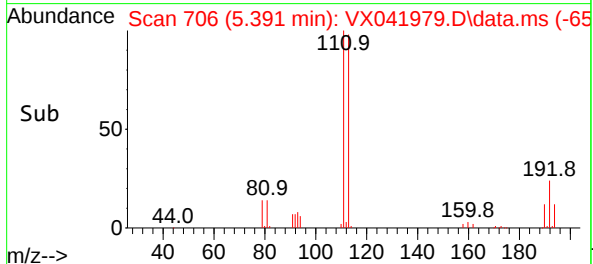
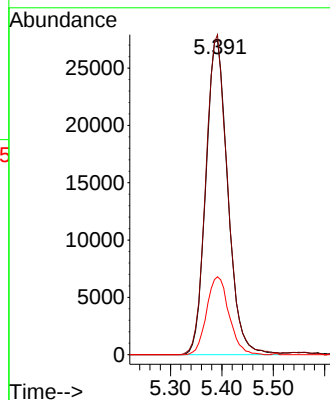
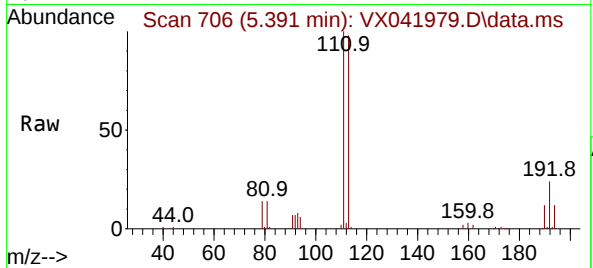




#35
Dibromofluoromethane
Concen: 44.988 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX041979.D
Acq: 21 Jun 2024 14:24

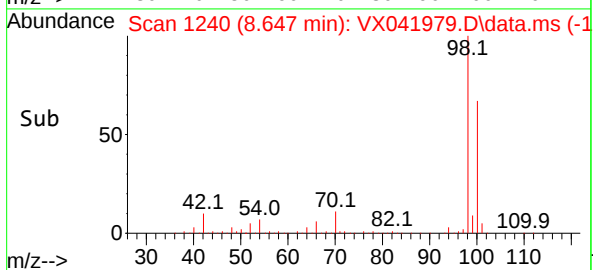
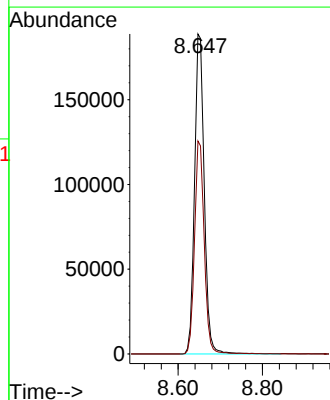
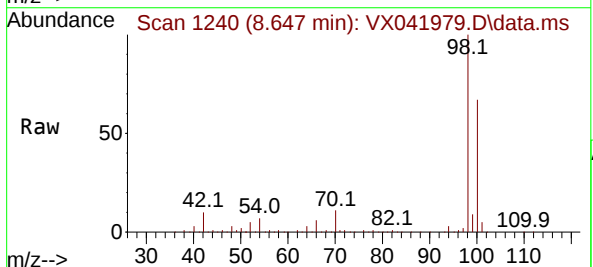
Instrument :
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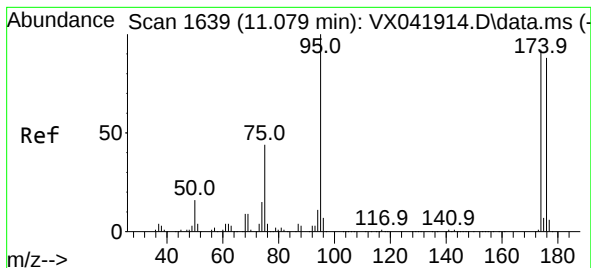
Tgt Ion:113 Resp: 81416
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 25.2 13.3 19.9#



#50
Toluene-d8
Concen: 47.542 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041979.D
Acq: 21 Jun 2024 14:24

Tgt Ion: 98 Resp: 302258
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

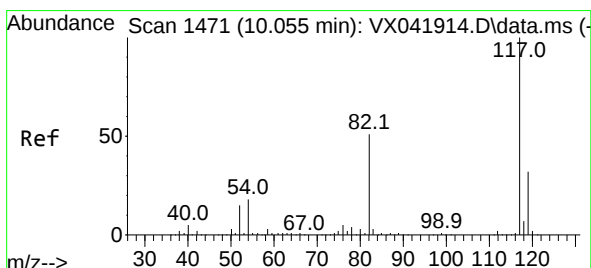
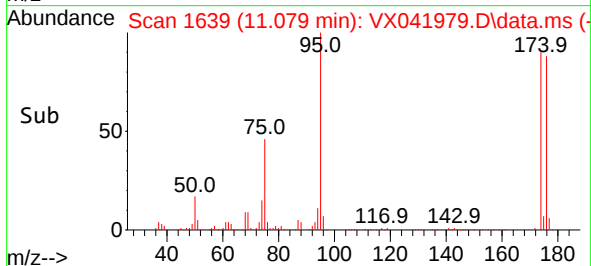
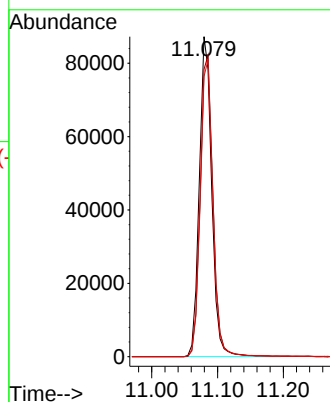
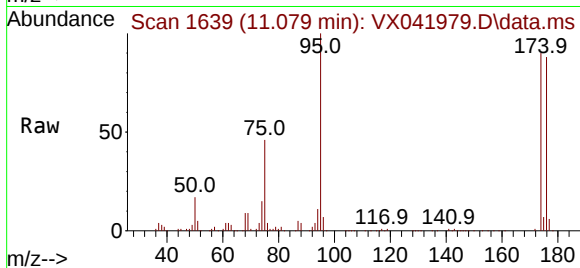




#62
4-Bromofluorobenzene
Concen: 48.781 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041979.D
Acq: 21 Jun 2024 14:24

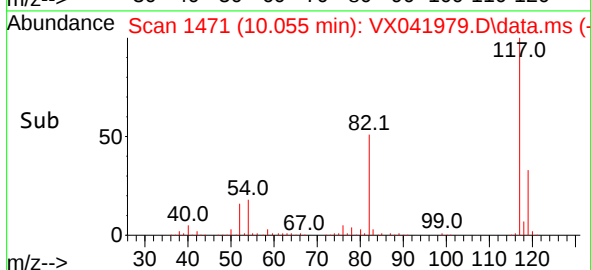
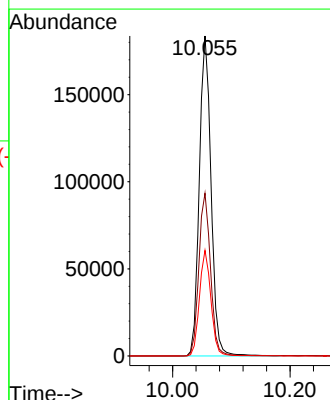
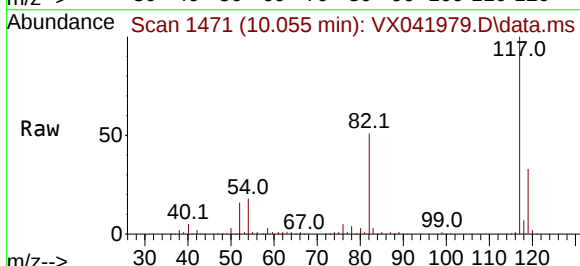
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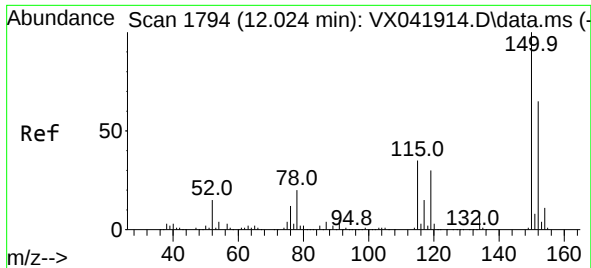
Tgt Ion: 95 Resp: 114323
Ion Ratio Lower Upper
95 100
174 97.2 0.0 135.6
176 94.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041979.D
Acq: 21 Jun 2024 14:24

Tgt Ion: 117 Resp: 255123
Ion Ratio Lower Upper
117 100
82 50.9 46.2 69.4
119 33.0 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: VX041979.D

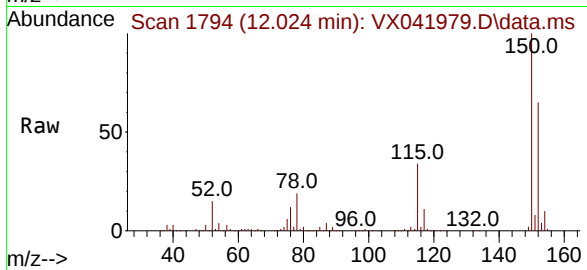
Acq: 21 Jun 2024 14:24

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-189-EB-20240619



Tgt Ion:152 Resp: 130493

Ion Ratio Lower Upper

152 100

115 53.7 43.3 129.9

150 156.5 0.0 345.0

