

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062824\
 Data File : VX042088.D
 Acq On : 28 Jun 2024 16:15
 Operator : JC/MD
 Sample : P3128-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-189-TB-20240625

Quant Time: Jun 29 04:21:36 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)

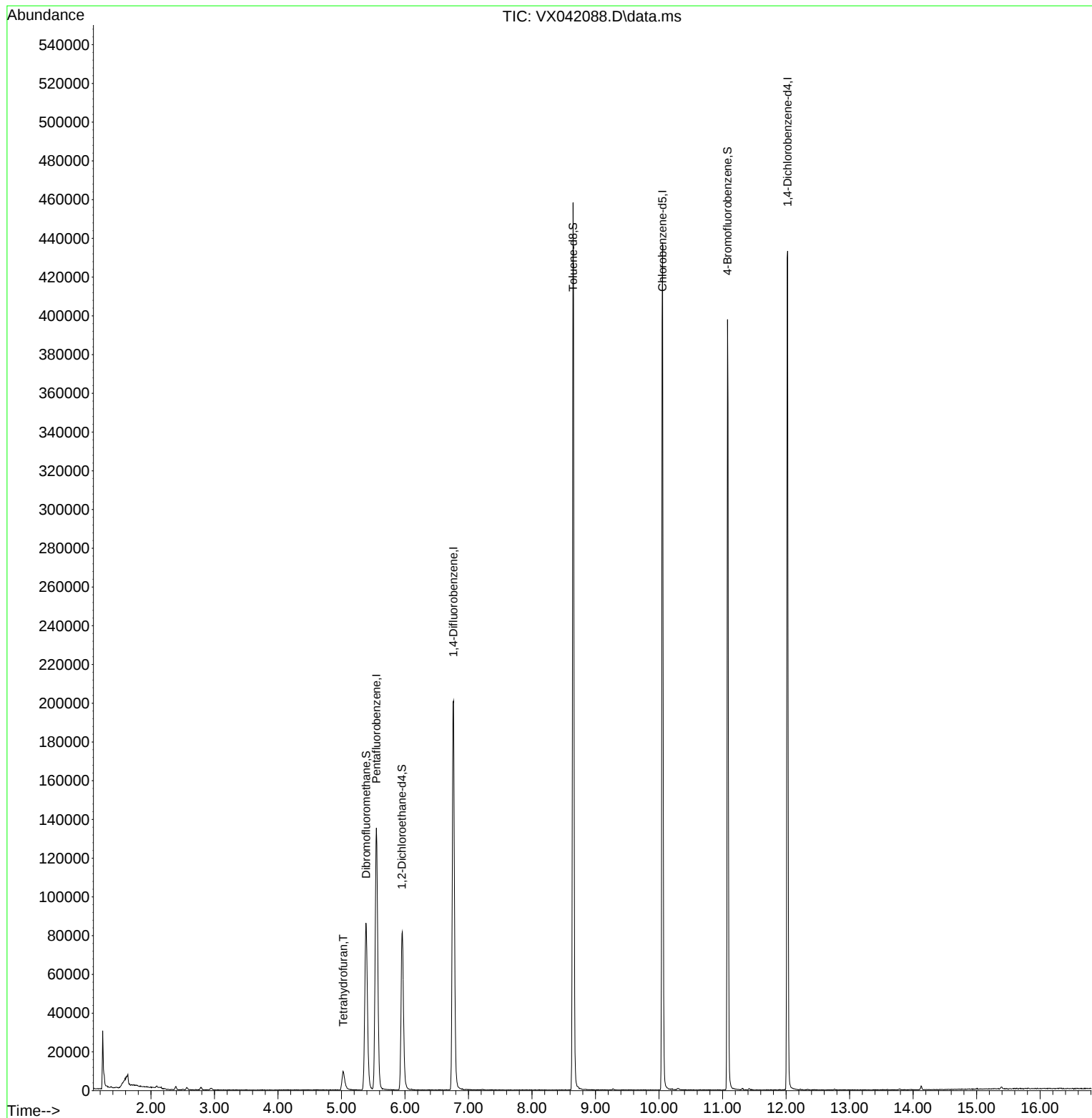
Internal Standards						
1) Pentafluorobenzene	5.550	168	151813	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	228525	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78104	44.616	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.240%
35) Dibromofluoromethane	5.385	113	76618	47.251	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.500%
50) Toluene-d8	8.647	98	284395	49.925	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.860%
62) 4-Bromofluorobenzene	11.079	95	105244	50.120	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.240%
Target Compounds						
29) Tetrahydrofuran	5.025	42	9696	12.554	ug/l	Qvalue 93

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

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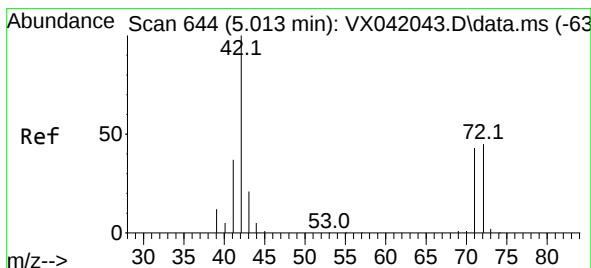
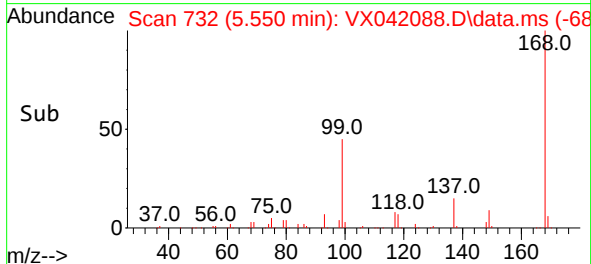
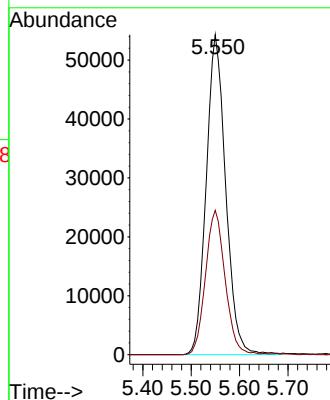
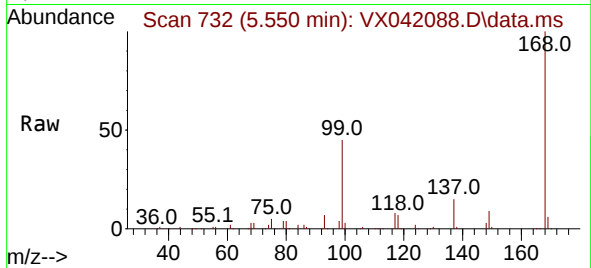




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042088.D
Acq: 28 Jun 2024 16:15

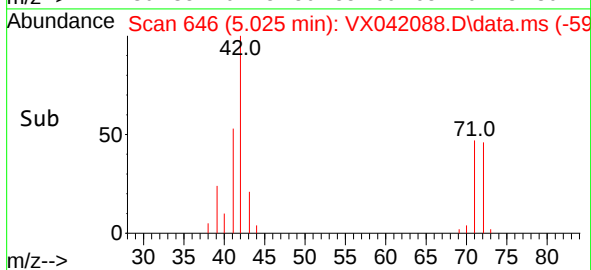
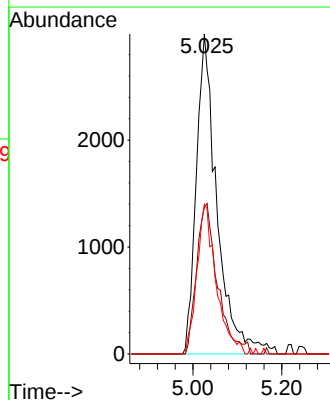
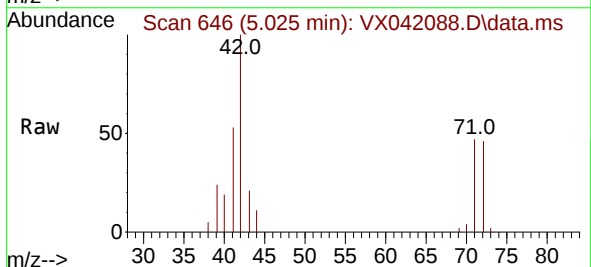
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-TB-20240625

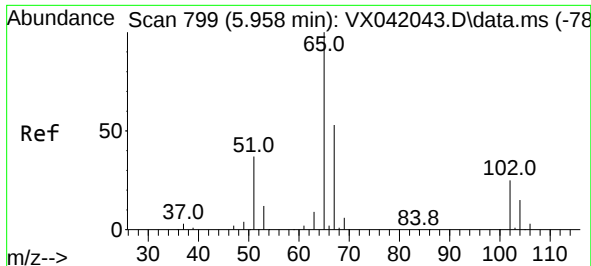
Tgt Ion:168 Resp: 151813
Ion Ratio Lower Upper
168 100
99 45.1 56.6 85.0#



#29
Tetrahydrofuran
Concen: 12.554 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.006 min
Lab File: VX042088.D
Acq: 28 Jun 2024 16:15

Tgt Ion: 42 Resp: 9696
Ion Ratio Lower Upper
42 100
72 47.6 34.2 51.4
71 43.7 32.2 48.2





#33

1,2-Dichloroethane-d4

Concen: 44.616 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042088.D

Acq: 28 Jun 2024 16:15

Instrument :

MSVOA_X

ClientSampleId :

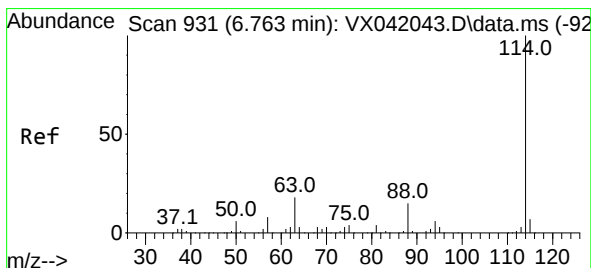
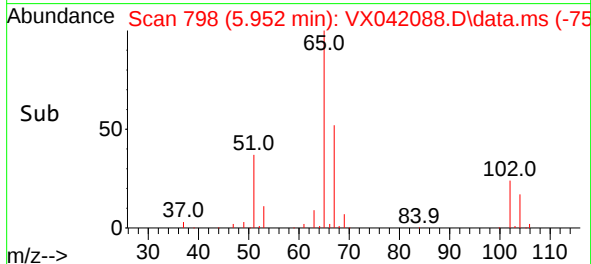
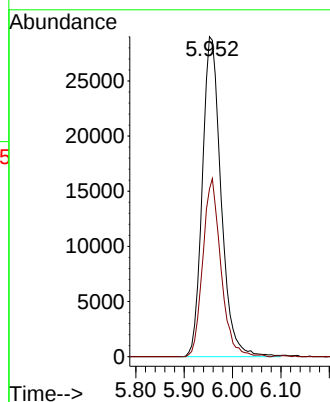
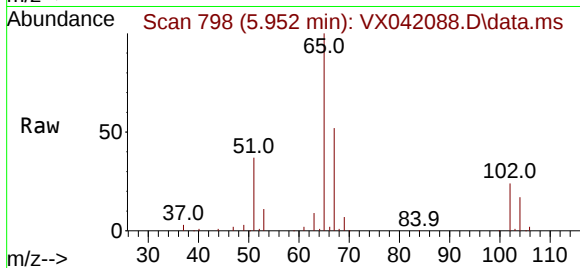
BP-VPB-189-TB-20240625

Tgt Ion: 65 Resp: 78104

Ion Ratio Lower Upper

65 100

67 53.7 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: VX042088.D

Acq: 28 Jun 2024 16:15

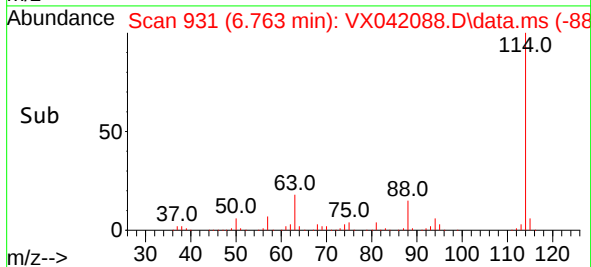
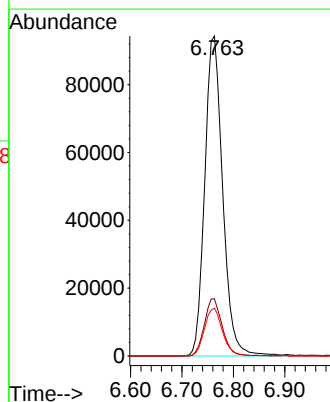
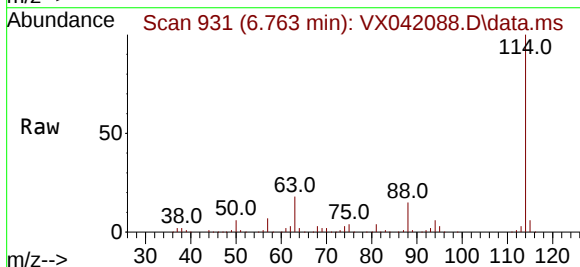
Tgt Ion: 114 Resp: 228525

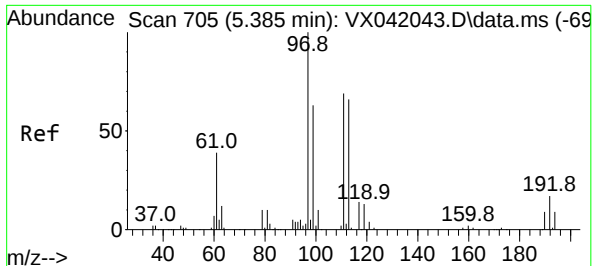
Ion Ratio Lower Upper

114 100

63 17.9 0.0 45.0

88 15.0 0.0 36.6

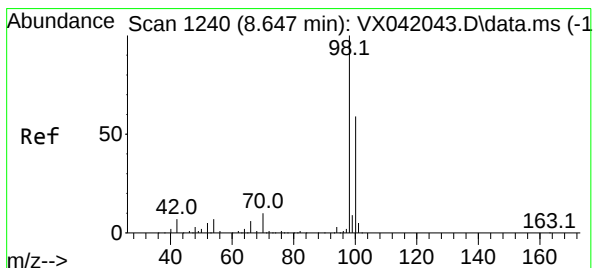
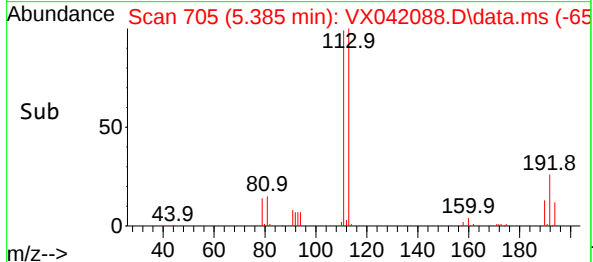
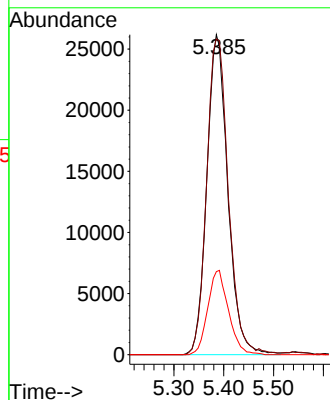
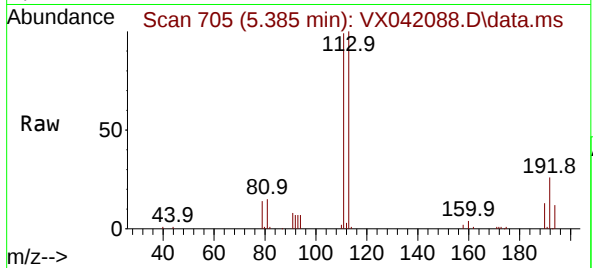




#35
 Dibromofluoromethane
 Concen: 47.251 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. -0.006 min
 Lab File: VX042088.D
 Acq: 28 Jun 2024 16:15

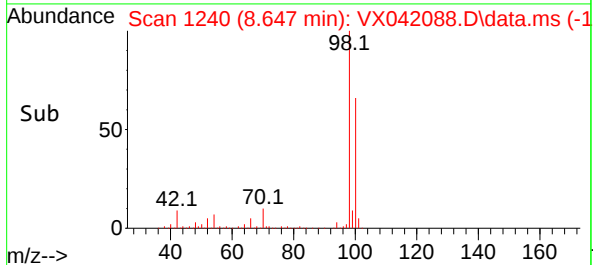
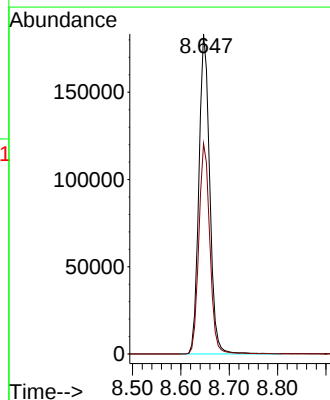
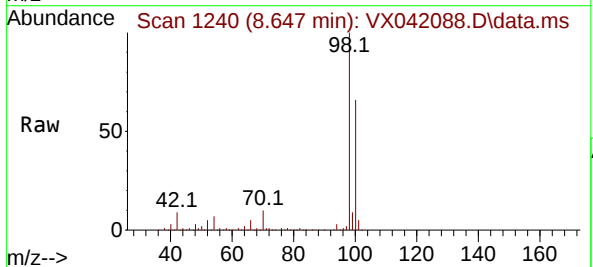
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-189-TB-20240625

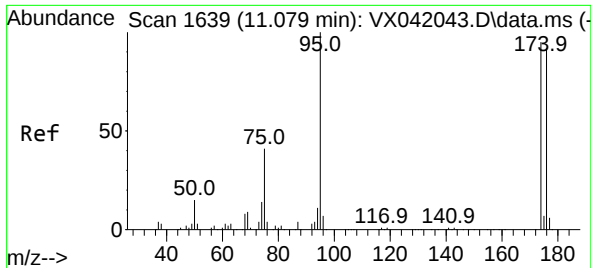
Tgt Ion:	113	Resp:	76618
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.9	124.3
192	26.0	13.3	19.9



#50
 Toluene-d8
 Concen: 49.925 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX042088.D
 Acq: 28 Jun 2024 16:15

Tgt Ion:	98	Resp:	284395
Ion Ratio	Lower	Upper	
98	100		
100	66.8	53.1	79.7

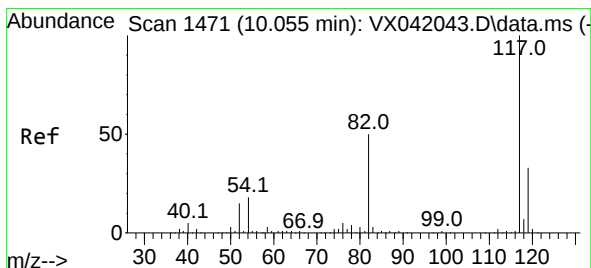
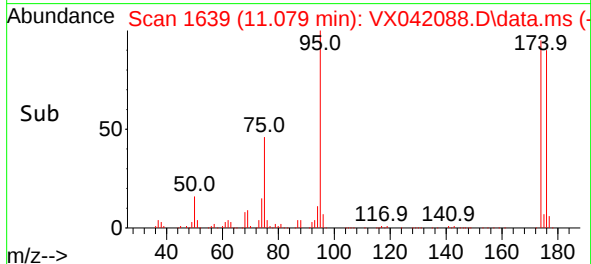
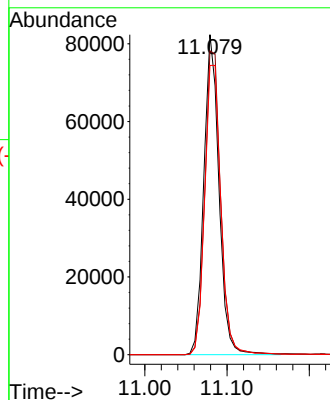
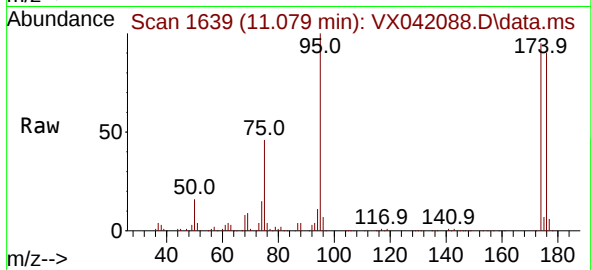




#62
4-Bromofluorobenzene
Concen: 50.120 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042088.D
Acq: 28 Jun 2024 16:15

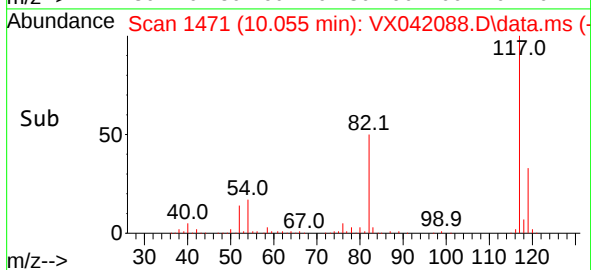
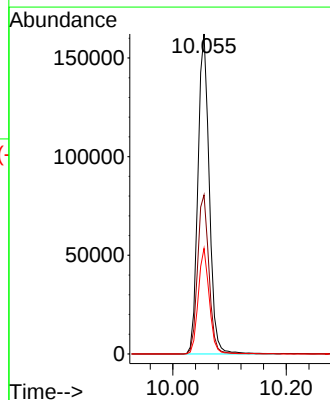
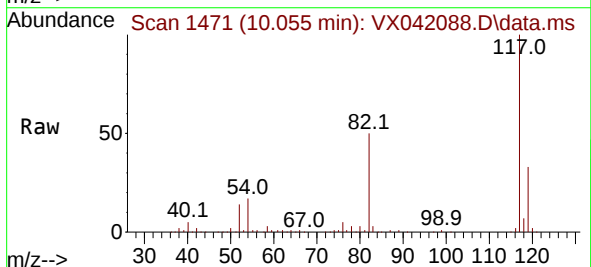
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-TB-20240625

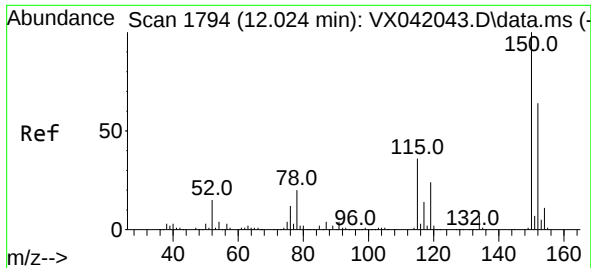
Tgt Ion: 95 Resp: 105244
Ion Ratio Lower Upper
95 100
174 100.0 0.0 135.6
176 96.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042088.D
Acq: 28 Jun 2024 16:15

Tgt Ion: 117 Resp: 224843
Ion Ratio Lower Upper
117 100
82 49.7 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: VX042088.D

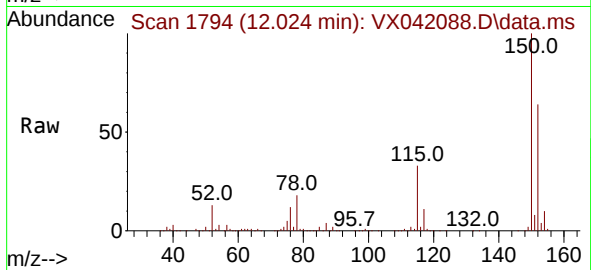
Acq: 28 Jun 2024 16:15

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-189-TB-20240625



Tgt Ion:152 Resp: 108475

Ion Ratio Lower Upper

152 100

115 53.0 43.3 129.9

150 156.7 0.0 345.0

