

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103024\
 Data File : VX043615.D
 Acq On : 30 Oct 2024 11:42
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Oct 31 09:42:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	135825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	250392	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88217	40.733	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.460%
35) Dibromofluoromethane	5.385	113	74851	44.084	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.160%
50) Toluene-d8	8.647	98	293968	50.016	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.040%
62) 4-Bromofluorobenzene	11.079	95	106648	48.968	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.940%

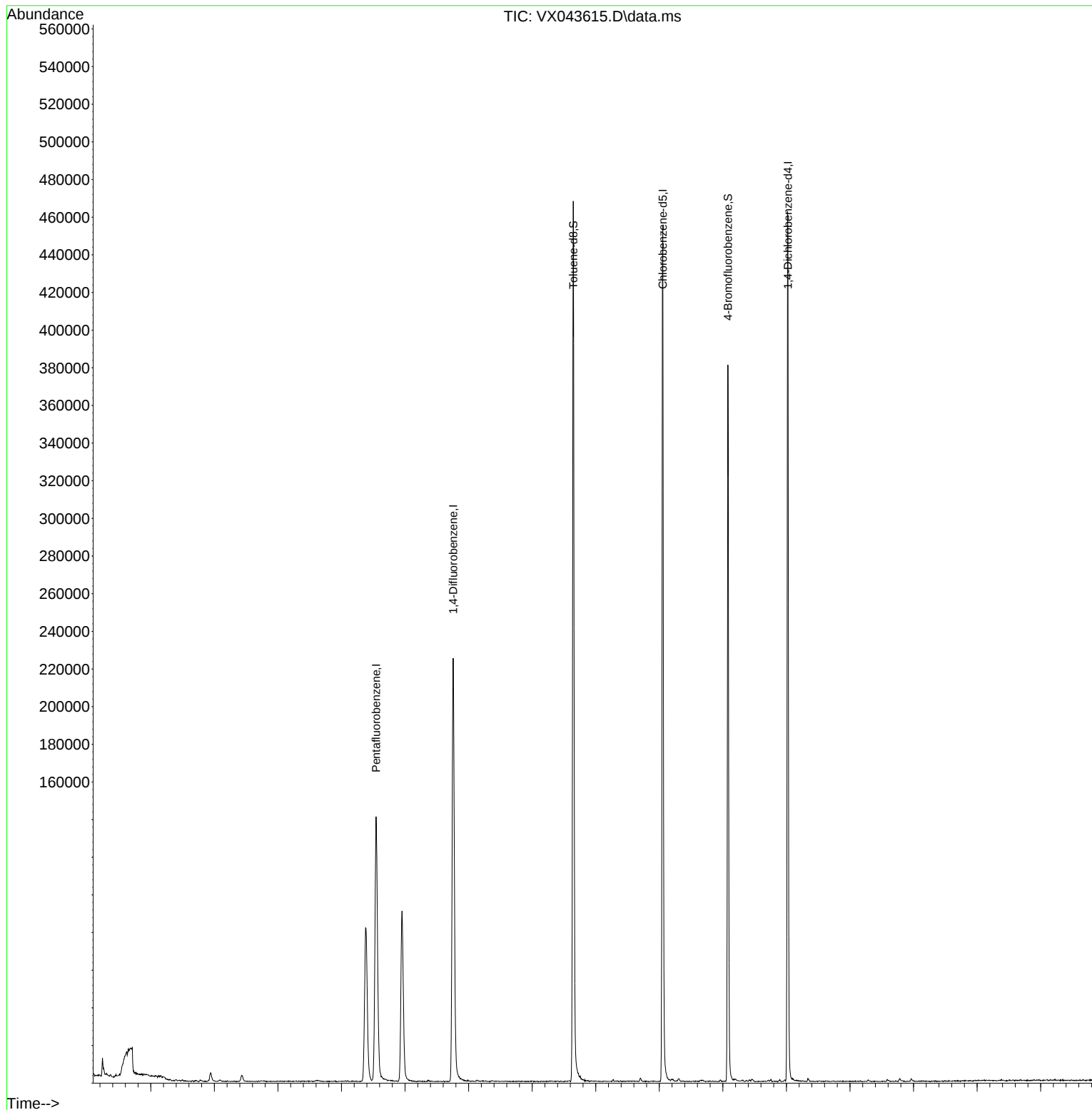
Target Compounds Qvalue

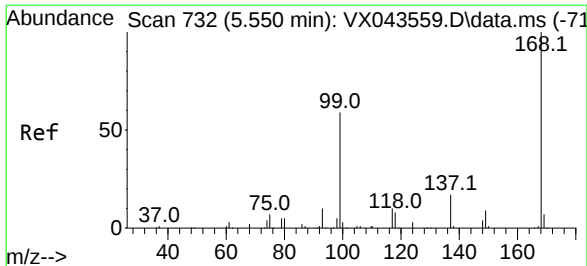
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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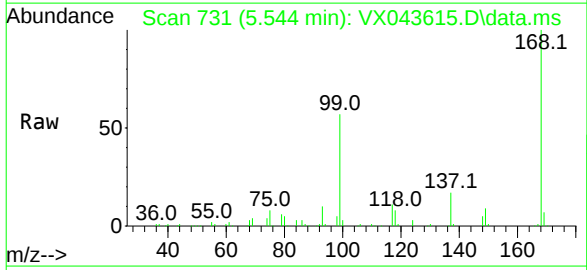
Quant Time: Oct 31 09:42:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
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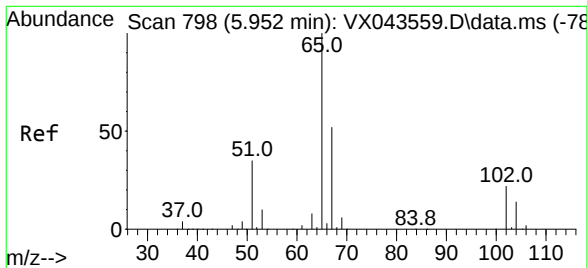
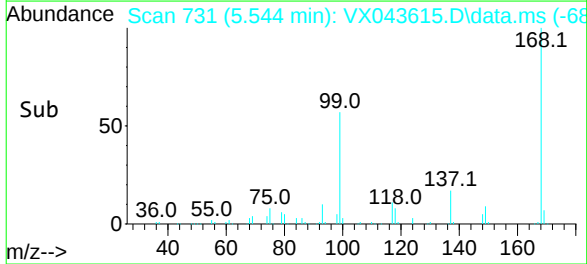
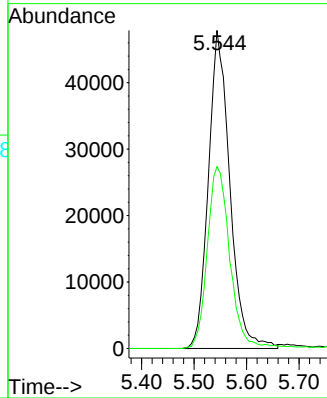


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX043615.D
Acq: 30 Oct 2024 11:42

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

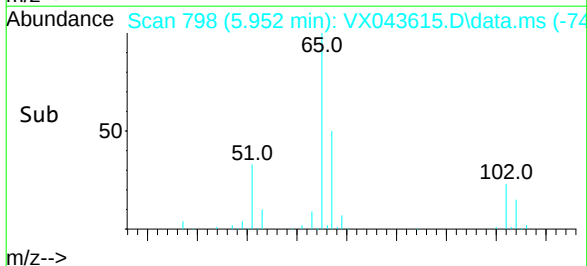
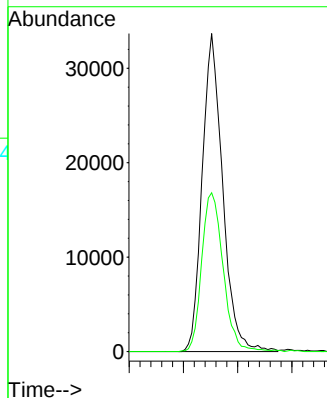
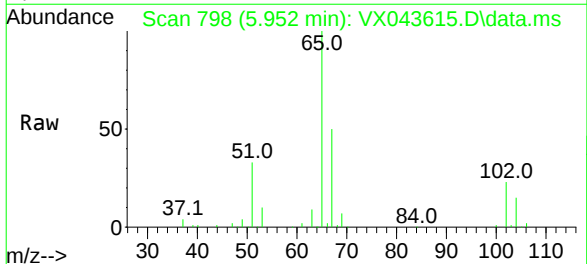


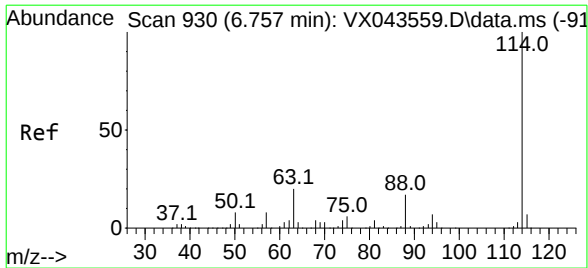
Tgt Ion:168 Resp: 135825
Ion Ratio Lower Upper
168 100
99 57.1 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 40.733 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043615.D
Acq: 30 Oct 2024 11:42

Tgt Ion: 65 Resp: 88217
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.4

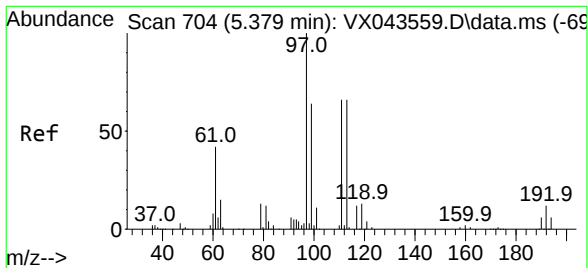
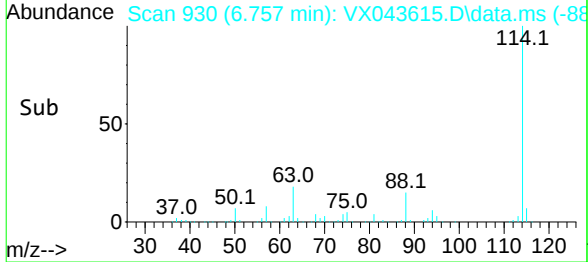
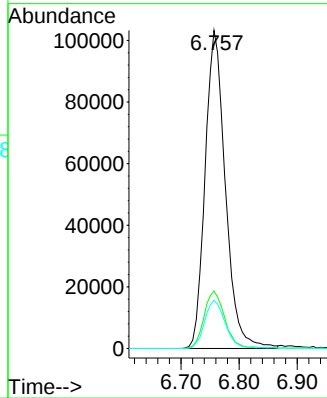
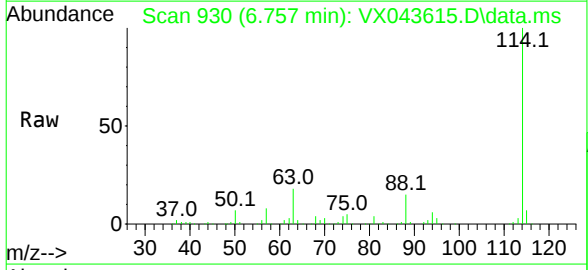




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 93
Delta R.T. -0.000 min
Lab File: VX043615.D
Acq: 30 Oct 2024 11:42

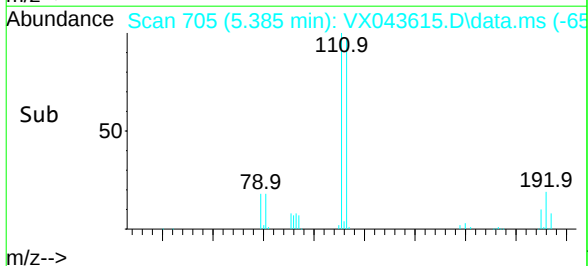
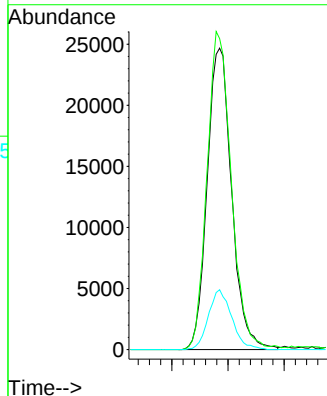
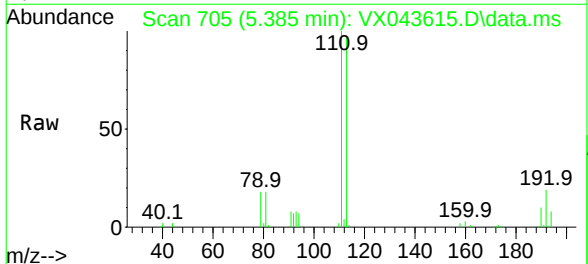
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

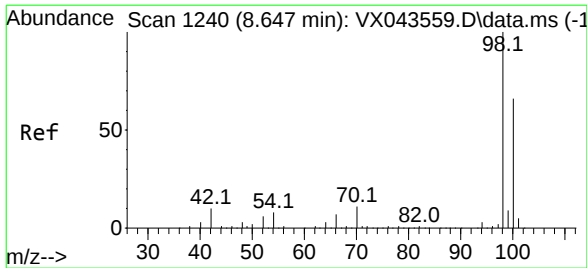
Tgt Ion:	114	Resp:	250392
Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	41.2
88	15.2	0.0	34.0



#35
Dibromofluoromethane
Concen: 44.084 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043615.D
Acq: 30 Oct 2024 11:42

Tgt Ion:	113	Resp:	74851
Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.4	122.0
192	18.9	14.1	21.1





#50

Toluene-d8

Concen: 50.016 ug/l

RT: 8.647 min Scan# 12

Delta R.T. 0.000 min

Lab File: VX043615.D

Acq: 30 Oct 2024 11:42

Instrument :

MSVOA_X

ClientSampleId :

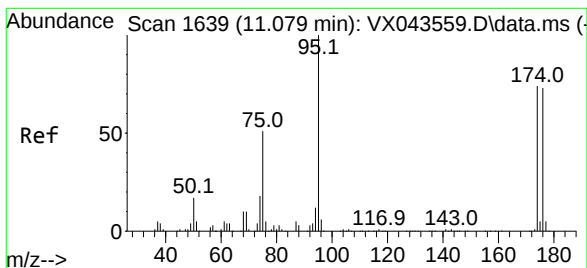
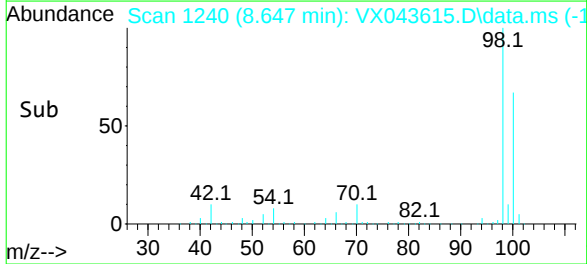
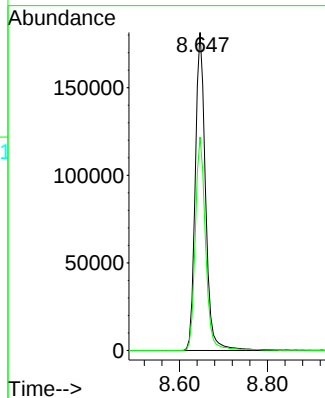
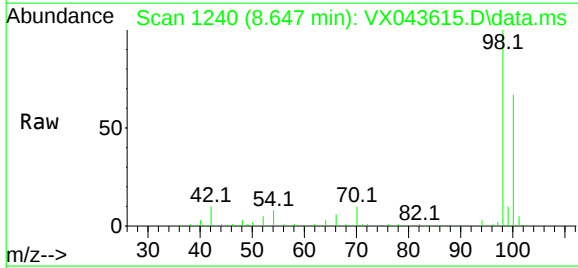
VIBLK

Tgt Ion: 98 Resp: 293968

Ion Ratio Lower Upper

98 100

100 66.9 53.4 80.2



#62

4-Bromofluorobenzene

Concen: 48.968 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX043615.D

Acq: 30 Oct 2024 11:42

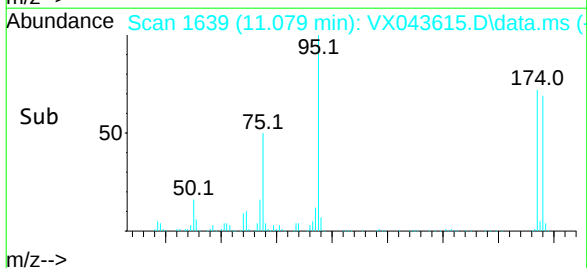
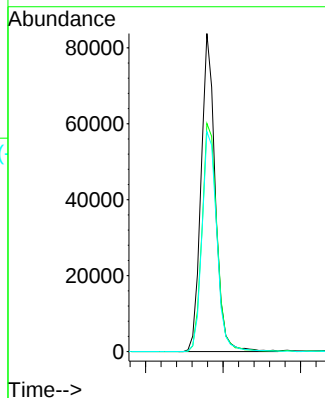
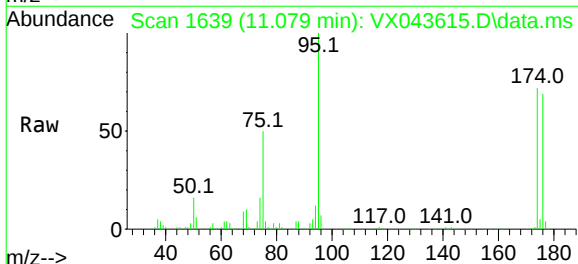
Tgt Ion: 95 Resp: 106648

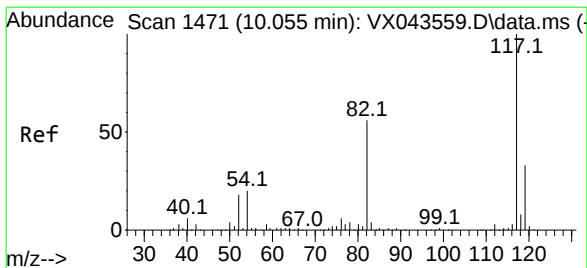
Ion Ratio Lower Upper

95 100

174 75.8 0.0 146.6

176 72.6 0.0 139.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX043615.D

Acq: 30 Oct 2024 11:42

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

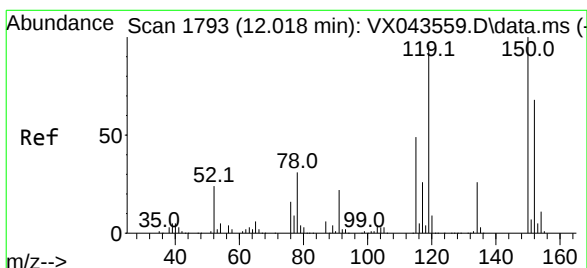
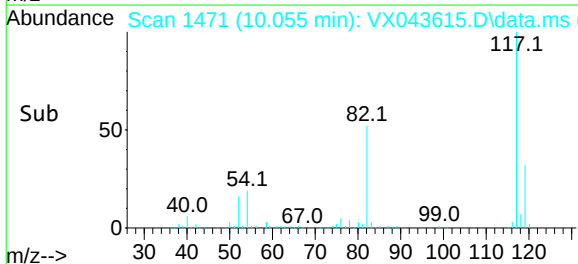
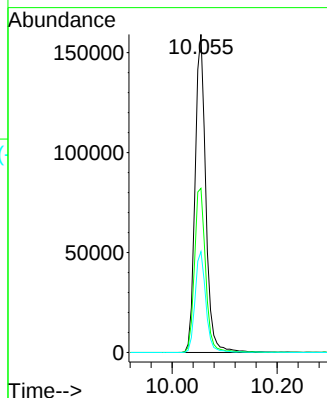
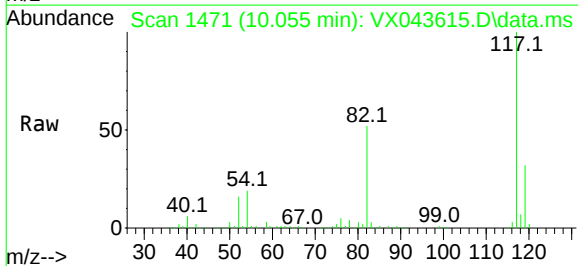
Tgt Ion:117 Resp: 225064

Ion Ratio Lower Upper

117 100

82 51.6 42.1 63.1

119 31.7 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX043615.D

Acq: 30 Oct 2024 11:42

Tgt Ion:152 Resp: 101648

Ion Ratio Lower Upper

152 100

115 60.3 42.9 128.7

150 156.6 0.0 343.6

