

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
 Data File : VX044207.D
 Acq On : 10 Dec 2024 14:49
 Operator : JC/MD
 Sample : P5193-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Dec 11 01:34:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	111435	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	204955	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93575	48.959	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.920%
35) Dibromofluoromethane	5.385	113	67647	46.191	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.380%
50) Toluene-d8	8.647	98	251874	49.893	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.780%
62) 4-Bromofluorobenzene	11.079	95	86449	50.317	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.640%

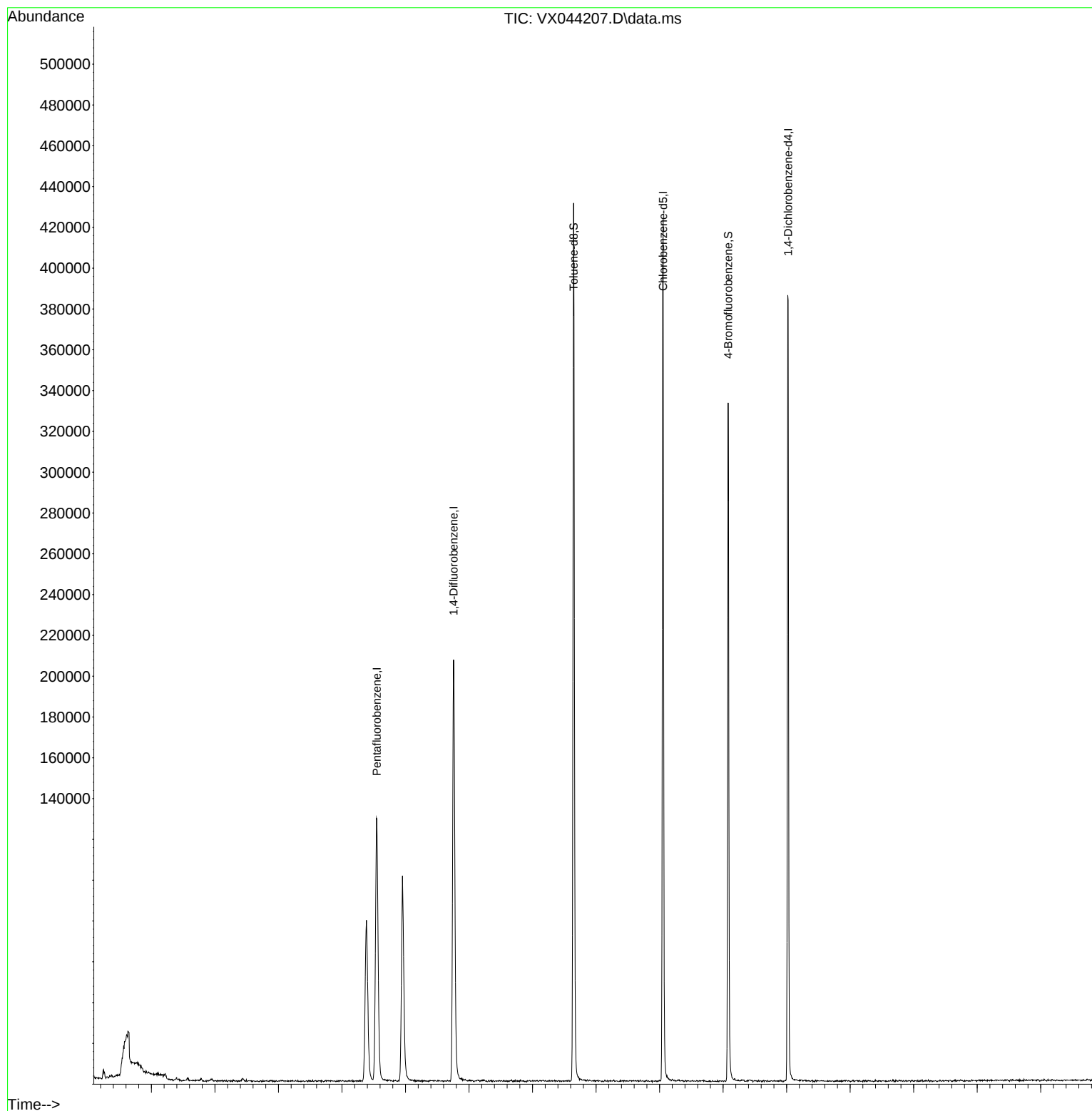
Target Compounds Qvalue

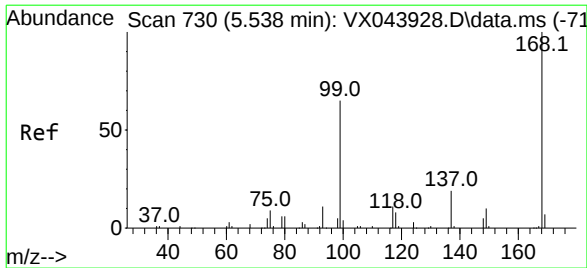
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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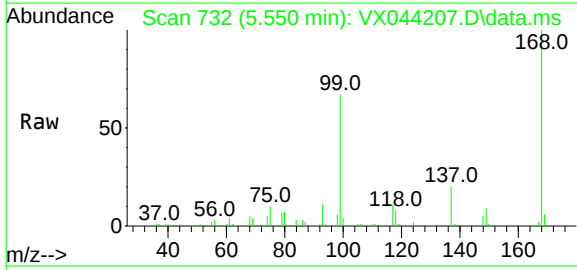
Quant Time: Dec 11 01:34:05 2024
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Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
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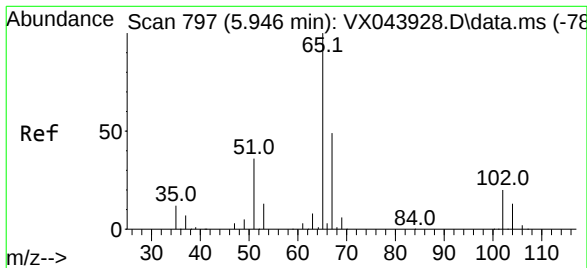
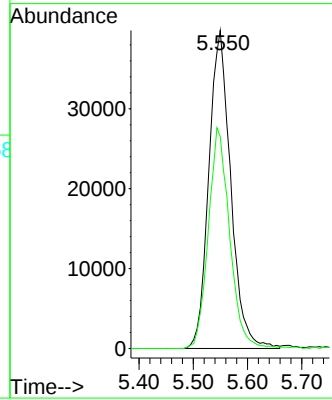
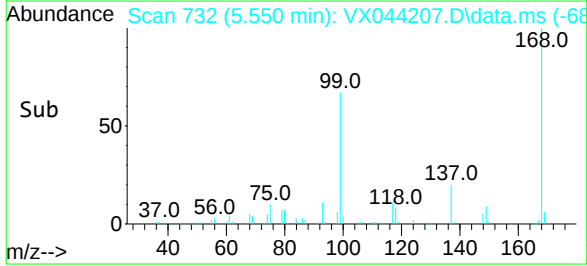


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 731
Delta R.T. 0.012 min
Lab File: VX044207.D
Acq: 10 Dec 2024 14:49

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

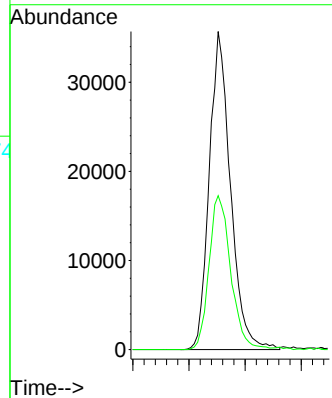
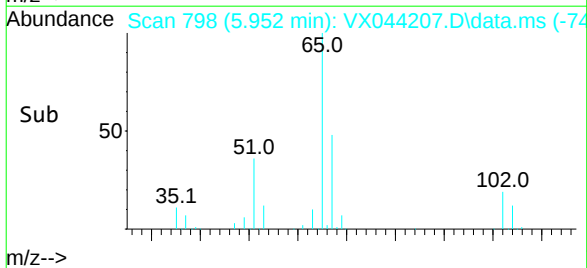
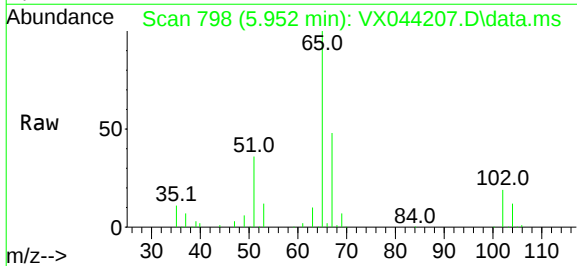


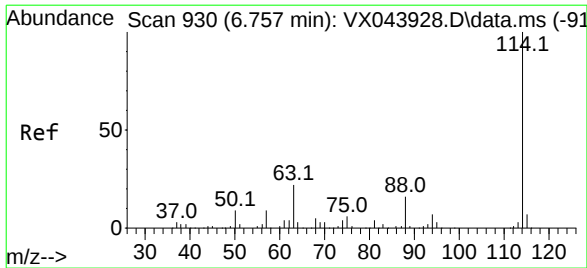
Tgt Ion:168 Resp: 111435
Ion Ratio Lower Upper
168 100
99 66.6 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 48.959 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044207.D
Acq: 10 Dec 2024 14:49

Tgt Ion: 65 Resp: 93575
Ion Ratio Lower Upper
65 100
67 49.5 0.0 100.8

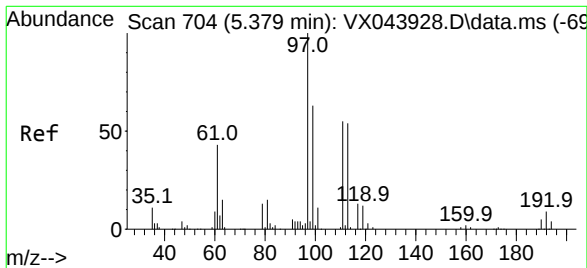
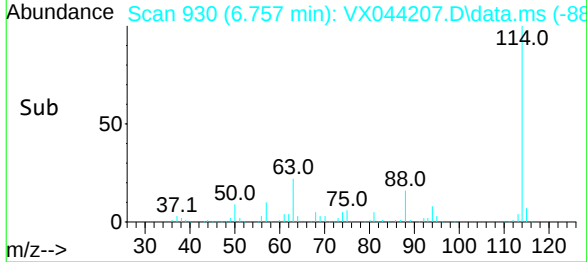
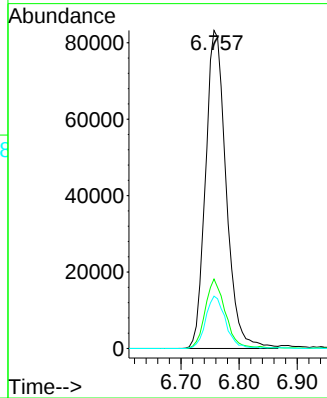
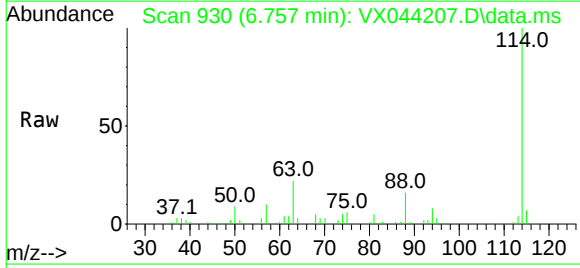




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 93
Delta R.T. -0.000 min
Lab File: VX044207.D
Acq: 10 Dec 2024 14:49

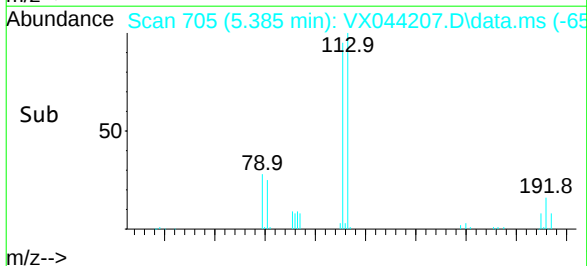
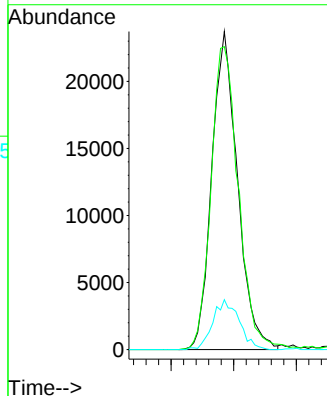
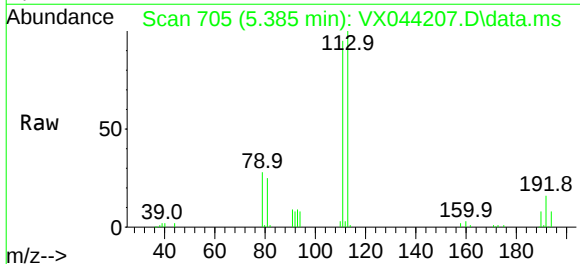
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

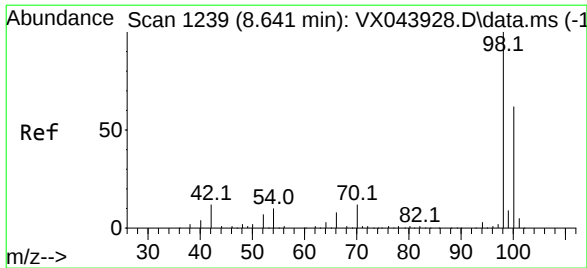
Tgt Ion:	114	Resp:	204955
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	44.0
88	16.5	0.0	32.4



#35
Dibromofluoromethane
Concen: 46.191 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX044207.D
Acq: 10 Dec 2024 14:49

Tgt Ion:	113	Resp:	67647
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.0	121.4
192	16.0	13.0	19.6





#50

Toluene-d8

Concen: 49.893 ug/l

RT: 8.647 min Scan# 12

Delta R.T. 0.006 min

Lab File: VX044207.D

Acq: 10 Dec 2024 14:49

Instrument :

MSVOA_X

ClientSampleId :

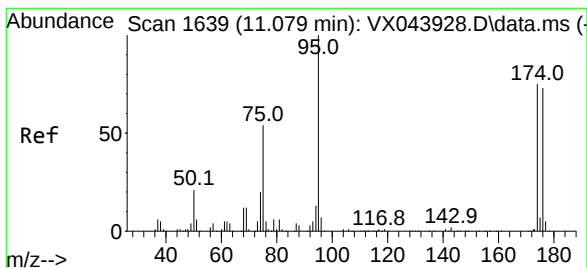
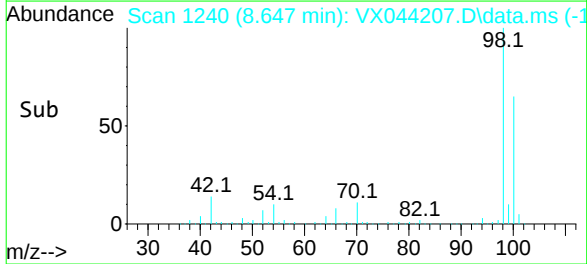
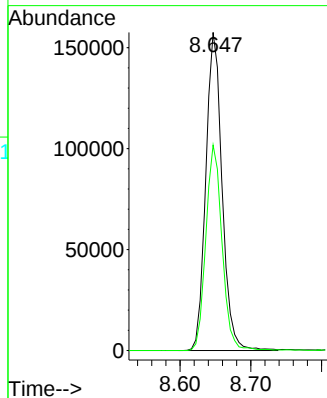
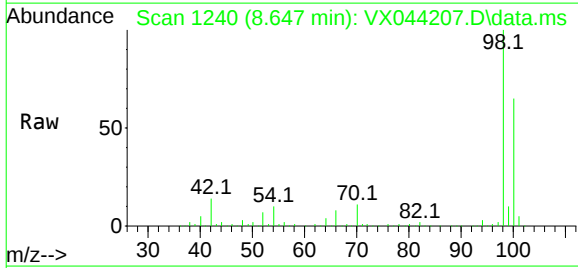
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 98 Resp: 251874

Ion Ratio Lower Upper

98 100

100 64.5 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 50.317 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044207.D

Acq: 10 Dec 2024 14:49

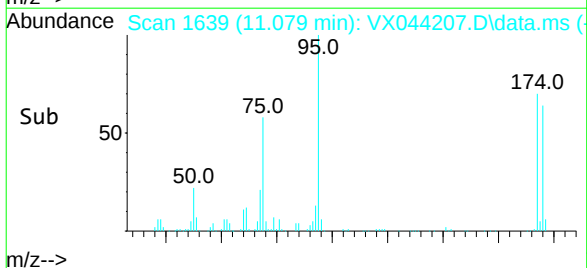
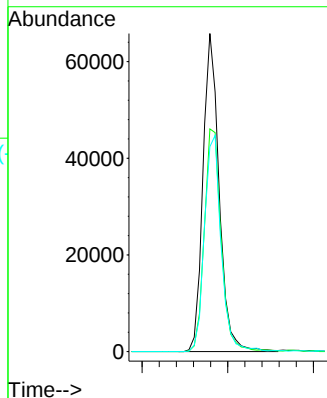
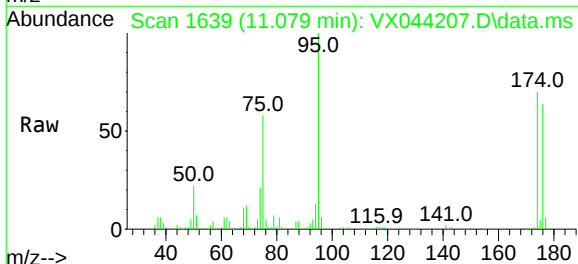
Tgt Ion: 95 Resp: 86449

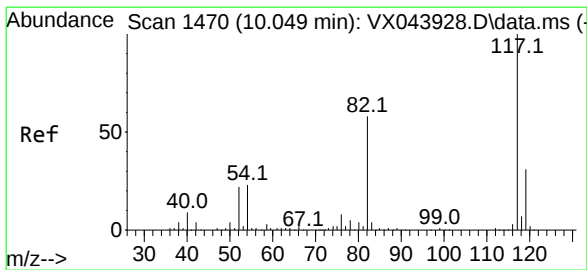
Ion Ratio Lower Upper

95 100

174 72.7 0.0 150.4

176 70.2 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044207.D

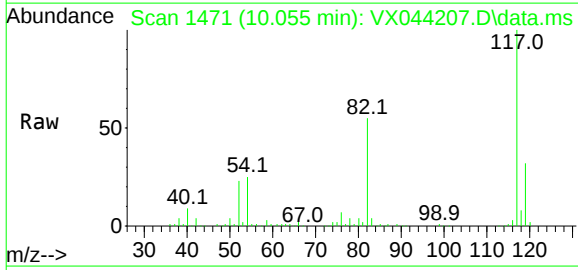
Acq: 10 Dec 2024 14:49

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT



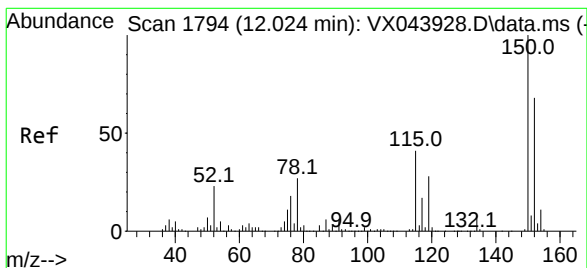
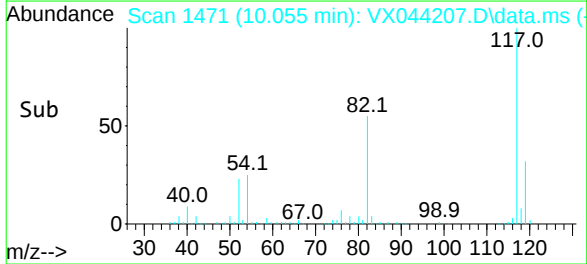
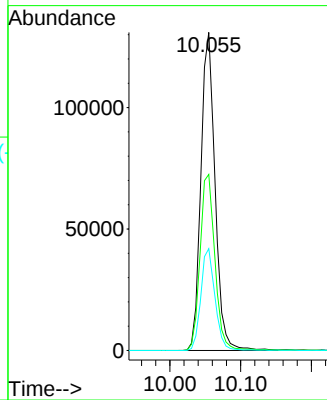
Tgt Ion:117 Resp: 182775

Ion Ratio Lower Upper

117 100

82 55.4 46.4 69.6

119 32.0 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX044207.D

Acq: 10 Dec 2024 14:49

Tgt Ion:152 Resp: 76353

Ion Ratio Lower Upper

152 100

115 64.8 45.4 136.2

150 159.3 0.0 353.0

