

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121624\
 Data File : VX044317.D
 Acq On : 16 Dec 2024 12:38
 Operator : JC/MD
 Sample : P5288-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Dec 17 00:48:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	123978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	225986	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	98854	45.476	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.960%
35) Dibromofluoromethane	5.385	113	73000	46.641	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.280%
50) Toluene-d8	8.647	98	272121	51.534	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.060%
62) 4-Bromofluorobenzene	11.079	95	89144	48.314	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.620%

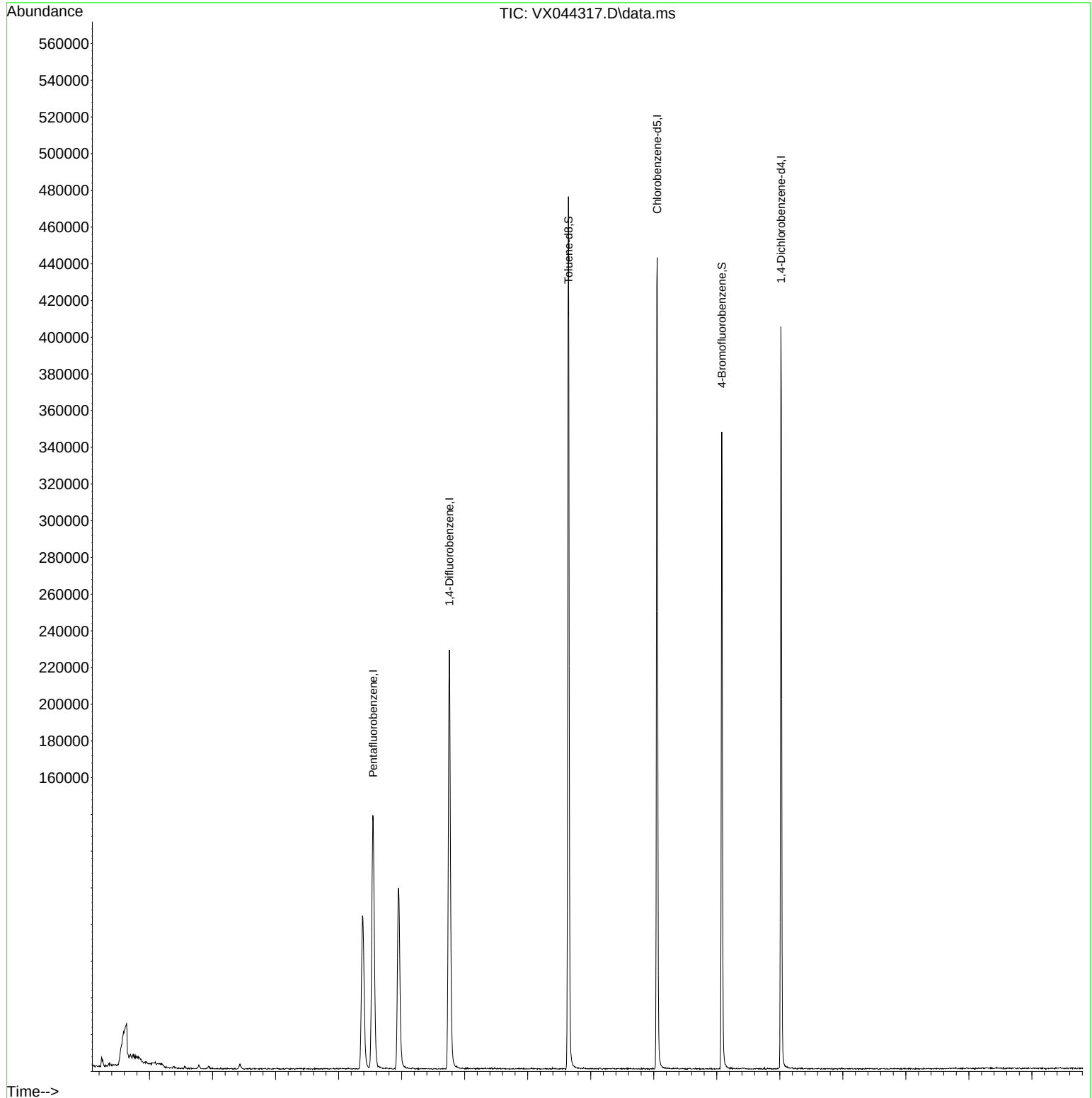
Target Compounds Qvalue

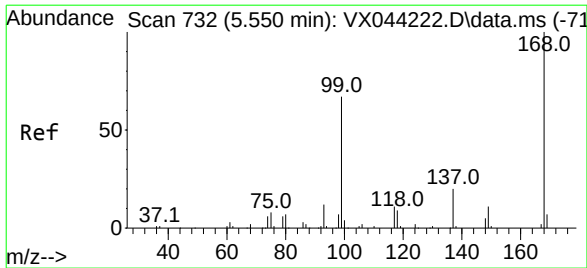
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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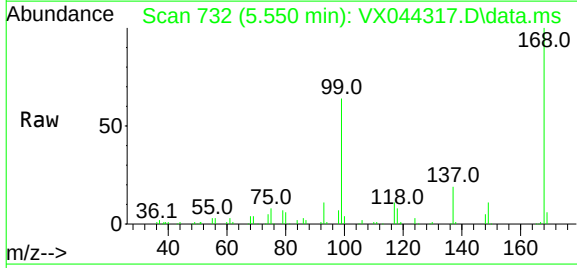
Quant Time: Dec 17 00:48:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
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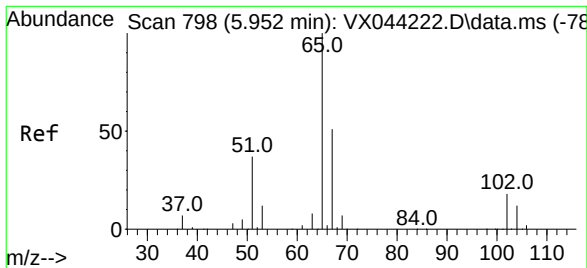
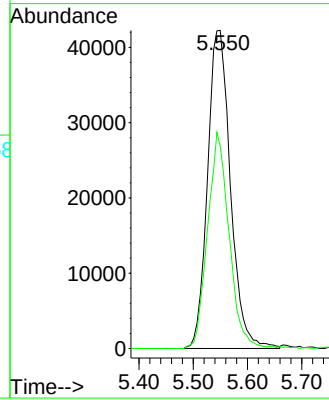
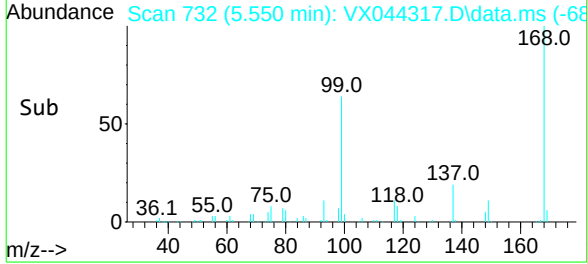


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX044317.D
Acq: 16 Dec 2024 12:38

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

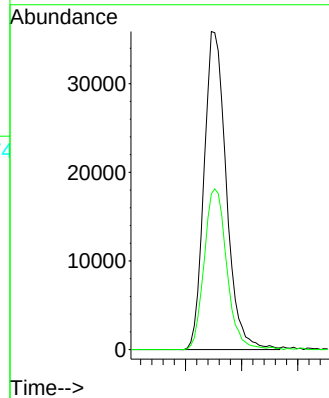
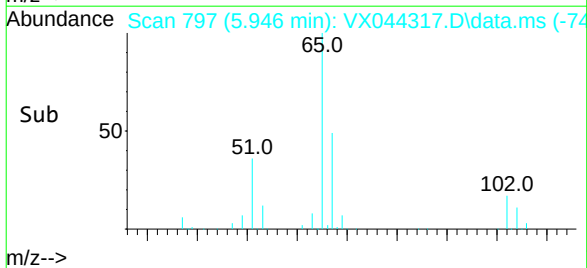
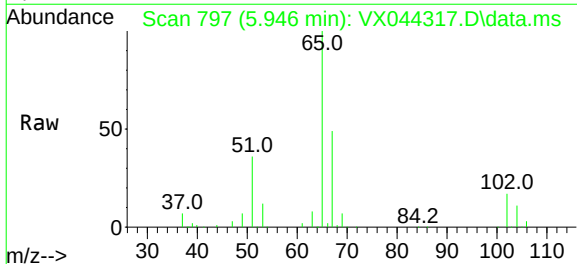


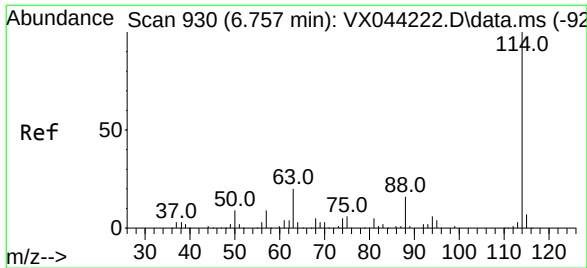
Tgt Ion:168 Resp: 123978
Ion Ratio Lower Upper
168 100
99 63.6 53.4 80.0



#33
1,2-Dichloroethane-d4
Concen: 45.476 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044317.D
Acq: 16 Dec 2024 12:38

Tgt Ion: 65 Resp: 98854
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.6

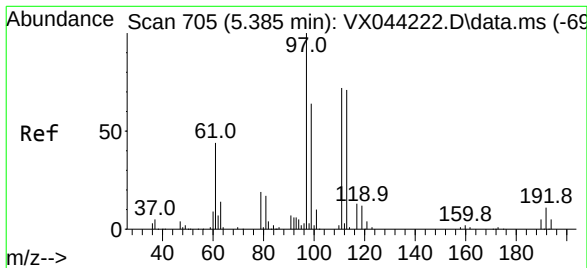
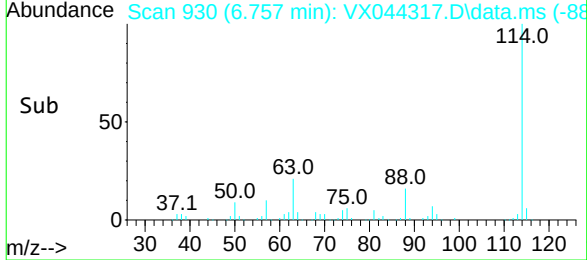
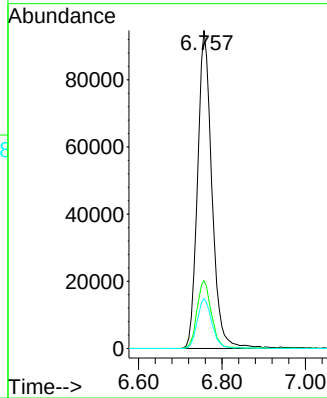
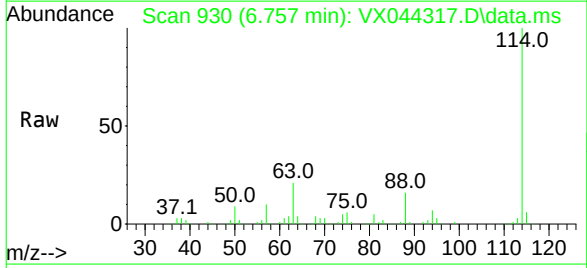




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX044317.D
Acq: 16 Dec 2024 12:38

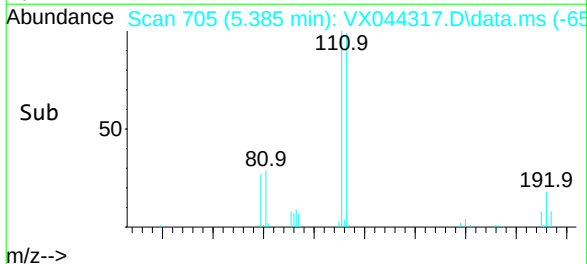
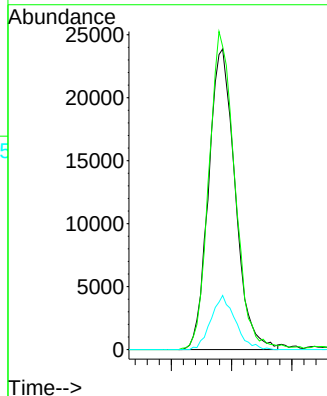
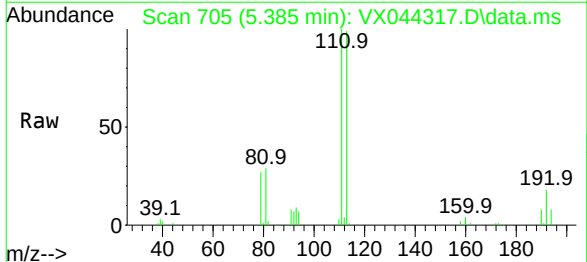
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

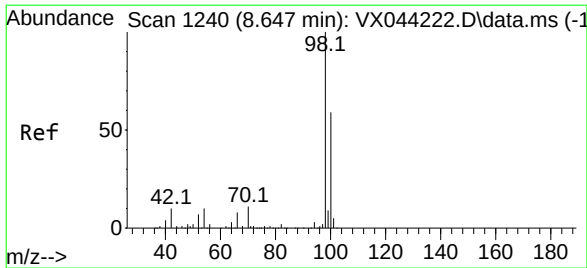
Tgt Ion:	114	Resp:	225986
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	40.6
88	15.7	0.0	31.8



#35
Dibromofluoromethane
Concen: 46.641 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044317.D
Acq: 16 Dec 2024 12:38

Tgt Ion:	113	Resp:	73000
Ion	Ratio	Lower	Upper
113	100		
111	103.5	80.4	120.6
192	16.5	13.3	19.9





#50

Toluene-d8

Concen: 51.534 ug/l

RT: 8.647 min Scan# 12

Delta R.T. -0.000 min

Lab File: VX044317.D

Acq: 16 Dec 2024 12:38

Instrument :

MSVOA_X

ClientSampleId :

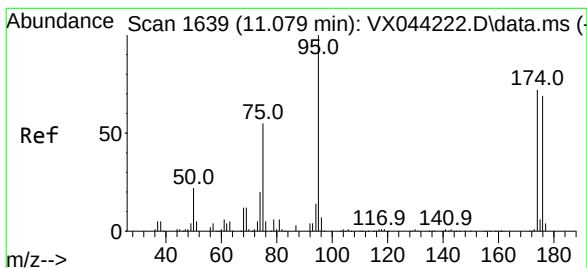
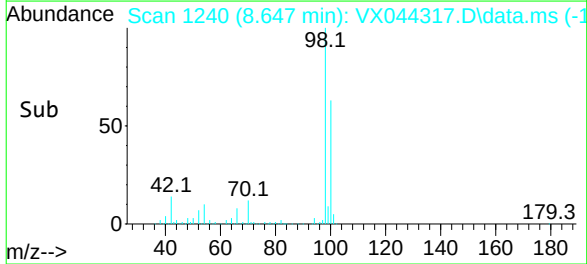
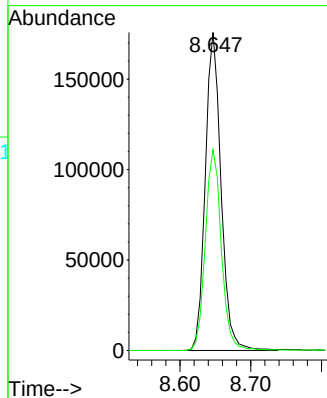
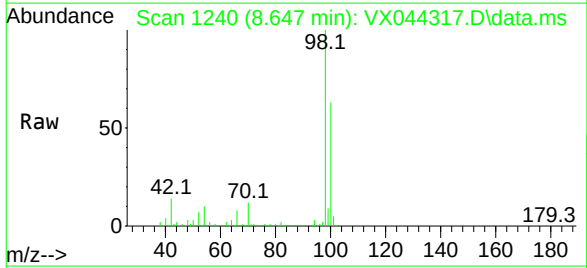
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 98 Resp: 272121

Ion Ratio Lower Upper

98 100

100 64.4 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 48.314 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044317.D

Acq: 16 Dec 2024 12:38

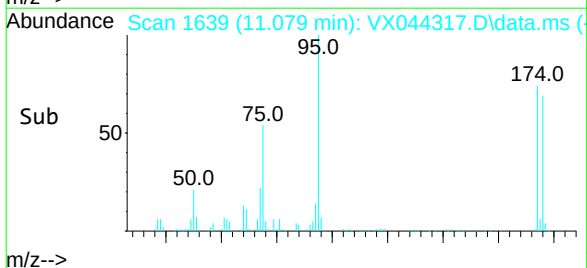
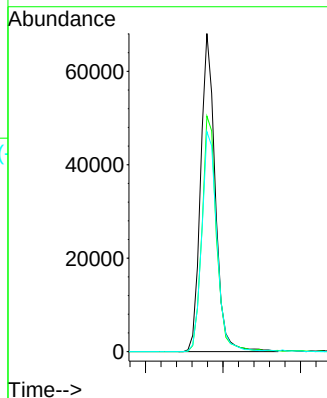
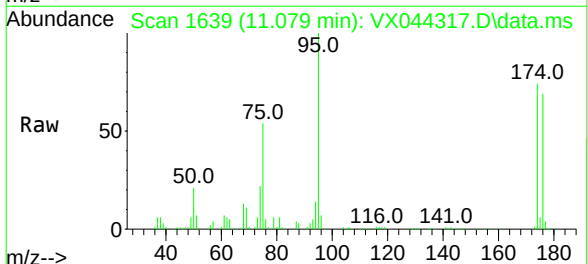
Tgt Ion: 95 Resp: 89144

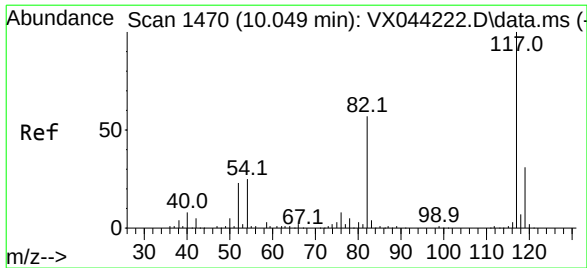
Ion Ratio Lower Upper

95 100

174 74.0 0.0 145.8

176 71.5 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044317.D

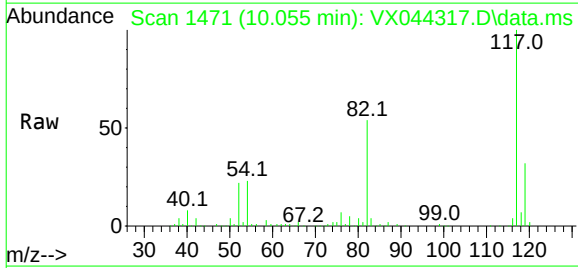
Acq: 16 Dec 2024 12:38

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT



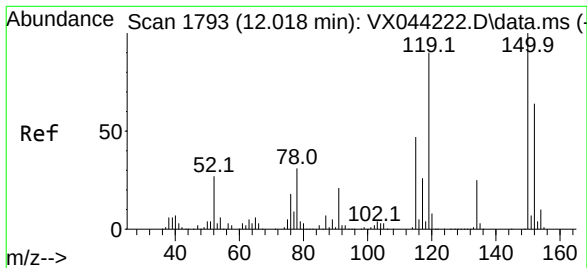
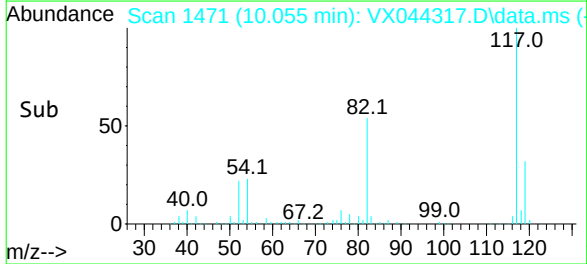
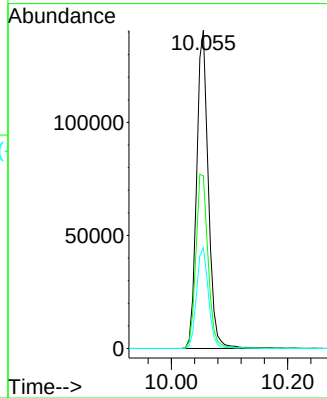
Tgt Ion:117 Resp: 196610

Ion Ratio Lower Upper

117 100

82 54.3 45.8 68.8

119 31.7 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX044317.D

Acq: 16 Dec 2024 12:38

Tgt Ion:152 Resp: 79808

Ion Ratio Lower Upper

152 100

115 61.2 44.5 133.3

150 156.2 0.0 353.8

