

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021723\
 Data File : VX034164.D
 Acq On : 17 Feb 2023 17:50
 Operator : JC/MD
 Sample : 01598-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Feb 20 00:35:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	382495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	647283	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	559626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	244627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	229839	44.618	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.240%
35) Dibromofluoromethane	5.385	113	201055	47.706	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.420%
50) Toluene-d8	8.647	98	765974	50.622	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.240%
62) 4-Bromofluorobenzene	11.079	95	265672	45.902	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.800%

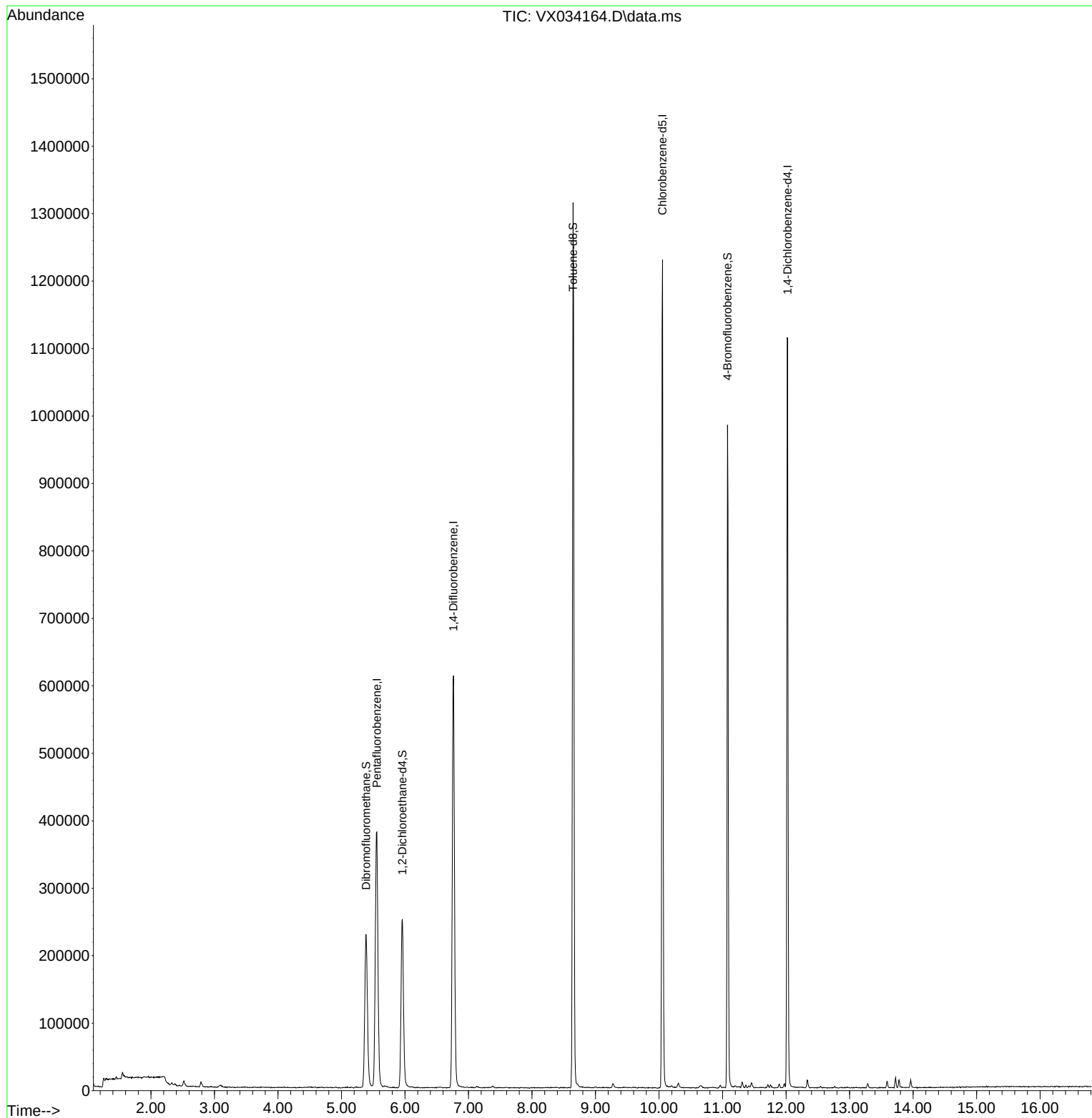
Target Compounds Qvalue

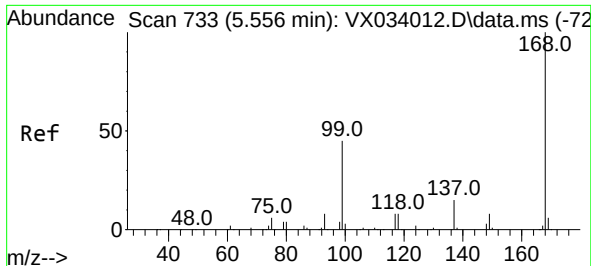
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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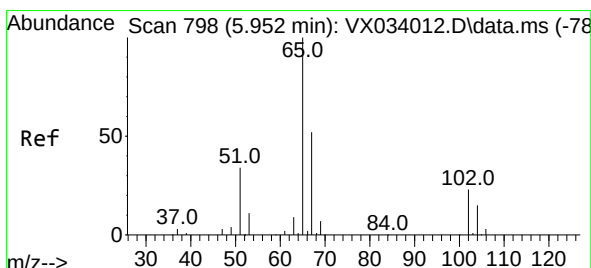
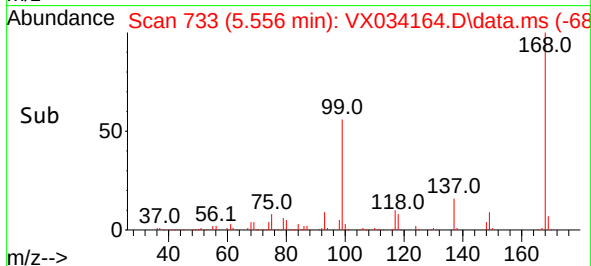
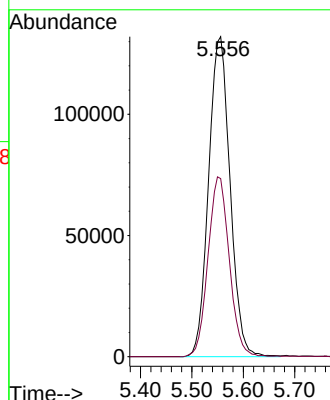
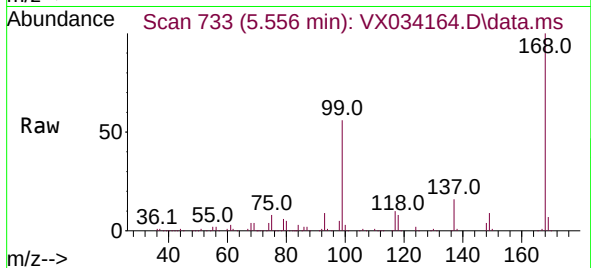




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX034164.D
Acq: 17 Feb 2023 17:50

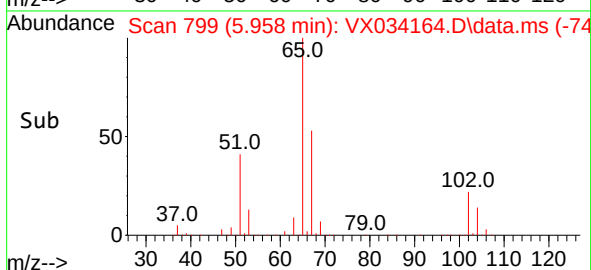
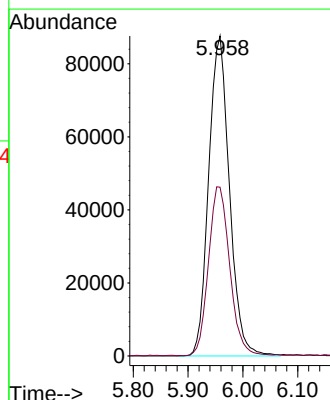
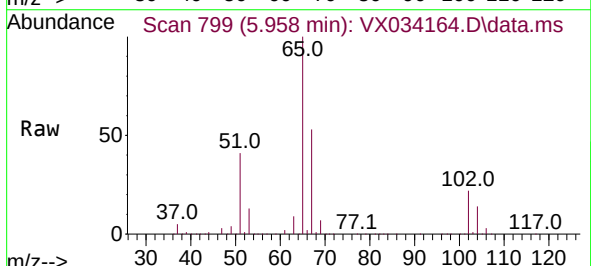
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

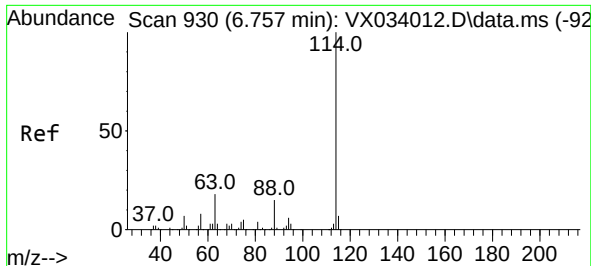
Tgt Ion:168 Resp: 382495
Ion Ratio Lower Upper
168 100
99 55.6 39.6 59.4



#33
1,2-Dichloroethane-d4
Concen: 44.618 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX034164.D
Acq: 17 Feb 2023 17:50

Tgt Ion: 65 Resp: 229839
Ion Ratio Lower Upper
65 100
67 54.0 0.0 104.8

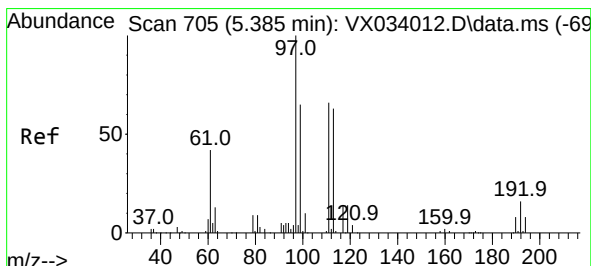
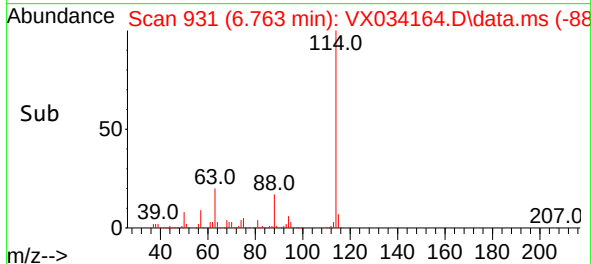
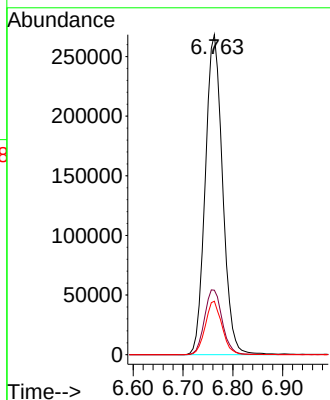
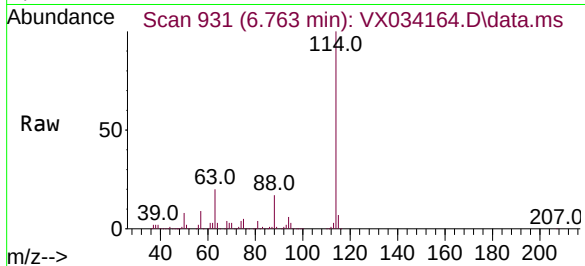




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034164.D
Acq: 17 Feb 2023 17:50

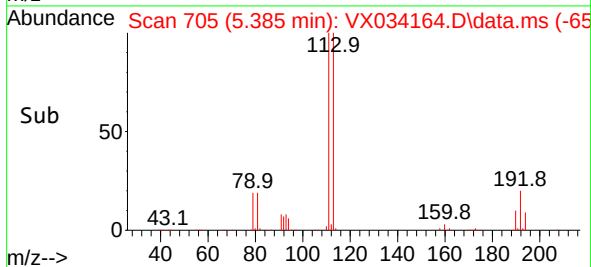
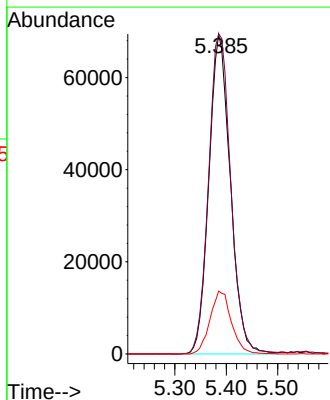
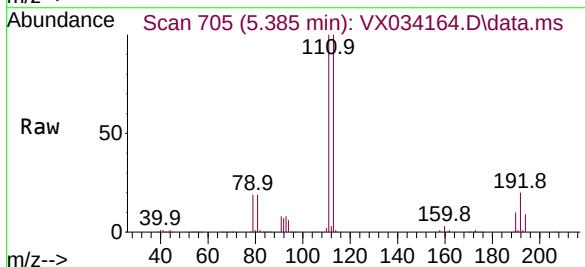
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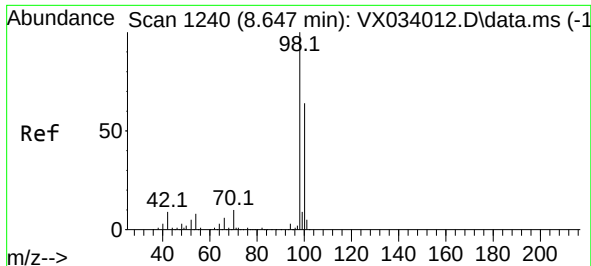
Tgt Ion:114 Resp: 647283
Ion Ratio Lower Upper
114 100
63 20.2 0.0 37.4
88 16.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.706 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034164.D
Acq: 17 Feb 2023 17:50

Tgt Ion:113 Resp: 201055
Ion Ratio Lower Upper
113 100
111 103.6 83.0 124.6
192 19.6 19.0 28.4

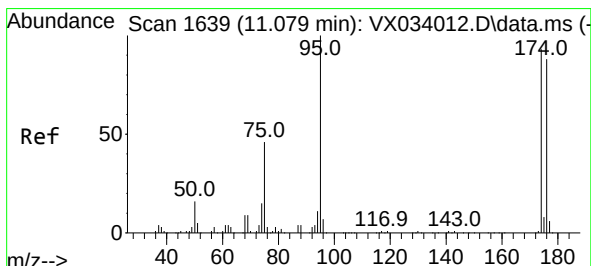
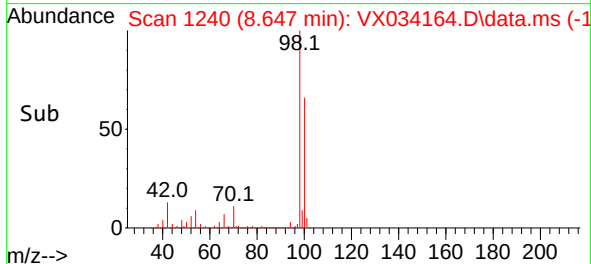
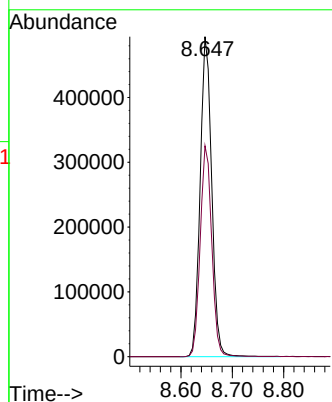
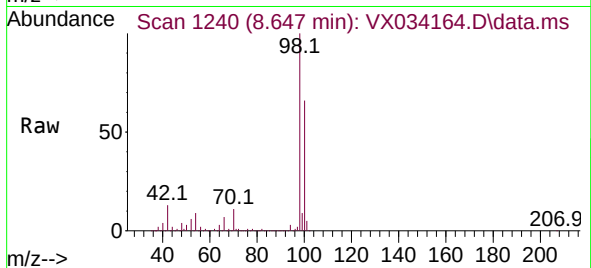




#50
Toluene-d8
Concen: 50.622 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034164.D
Acq: 17 Feb 2023 17:50

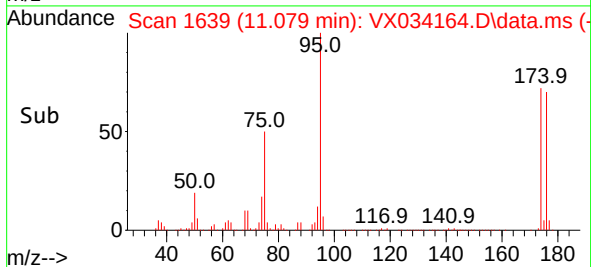
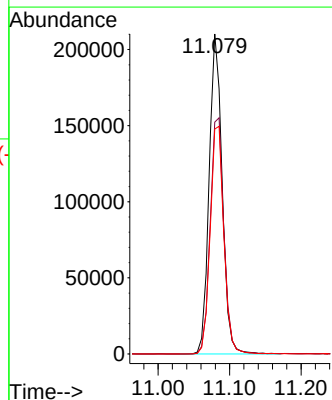
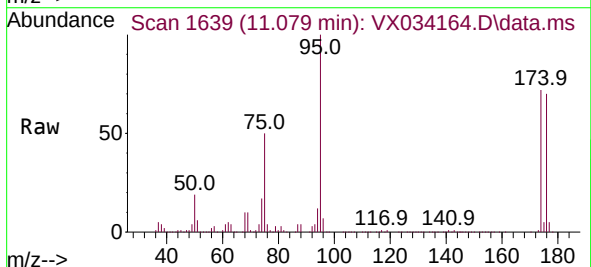
Instrument :
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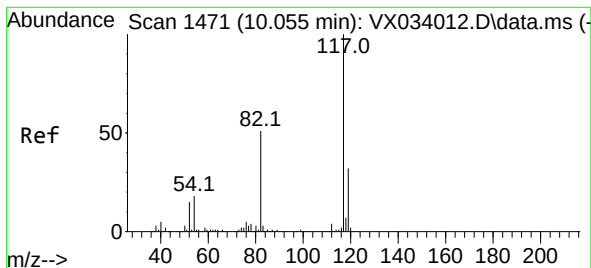
Tgt Ion: 98 Resp: 765974
Ion Ratio Lower Upper
98 100
100 66.2 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 45.902 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034164.D
Acq: 17 Feb 2023 17:50

Tgt Ion: 95 Resp: 265672
Ion Ratio Lower Upper
95 100
174 77.7 0.0 184.4
176 74.7 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034164.D

Acq: 17 Feb 2023 17:50

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

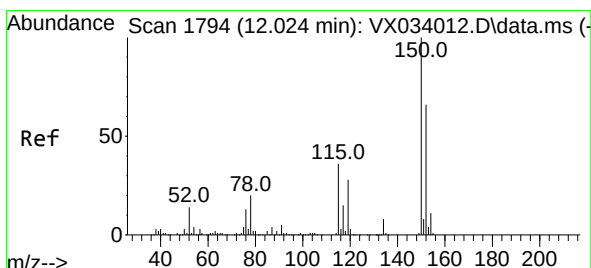
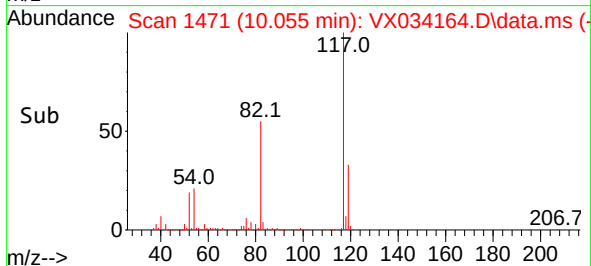
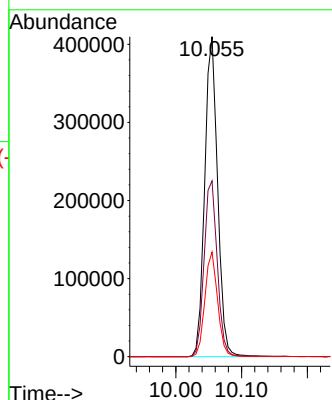
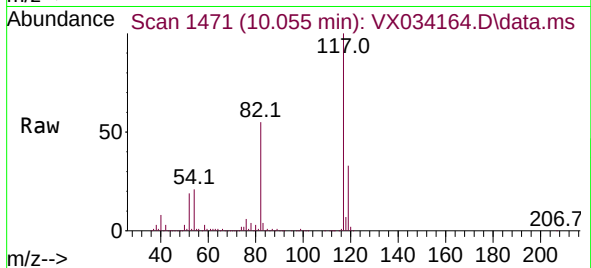
Tgt Ion:117 Resp: 559626

Ion Ratio Lower Upper

117 100

82 55.0 40.6 60.8

119 32.7 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034164.D

Acq: 17 Feb 2023 17:50

Tgt Ion:152 Resp: 244627

Ion Ratio Lower Upper

152 100

115 58.2 38.7 116.1

150 156.3 0.0 348.2

