

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053123\
 Data File : VX035937.D
 Acq On : 31 May 2023 15:35
 Operator : JC/MD
 Sample : 02970-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Jun 01 05:16:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	212988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	352346	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164620	47.597	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.200%
35) Dibromofluoromethane	5.385	113	110289	46.538	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.080%
50) Toluene-d8	8.646	98	418967	49.260	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.520%
62) 4-Bromofluorobenzene	11.079	95	165126	49.181	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.360%

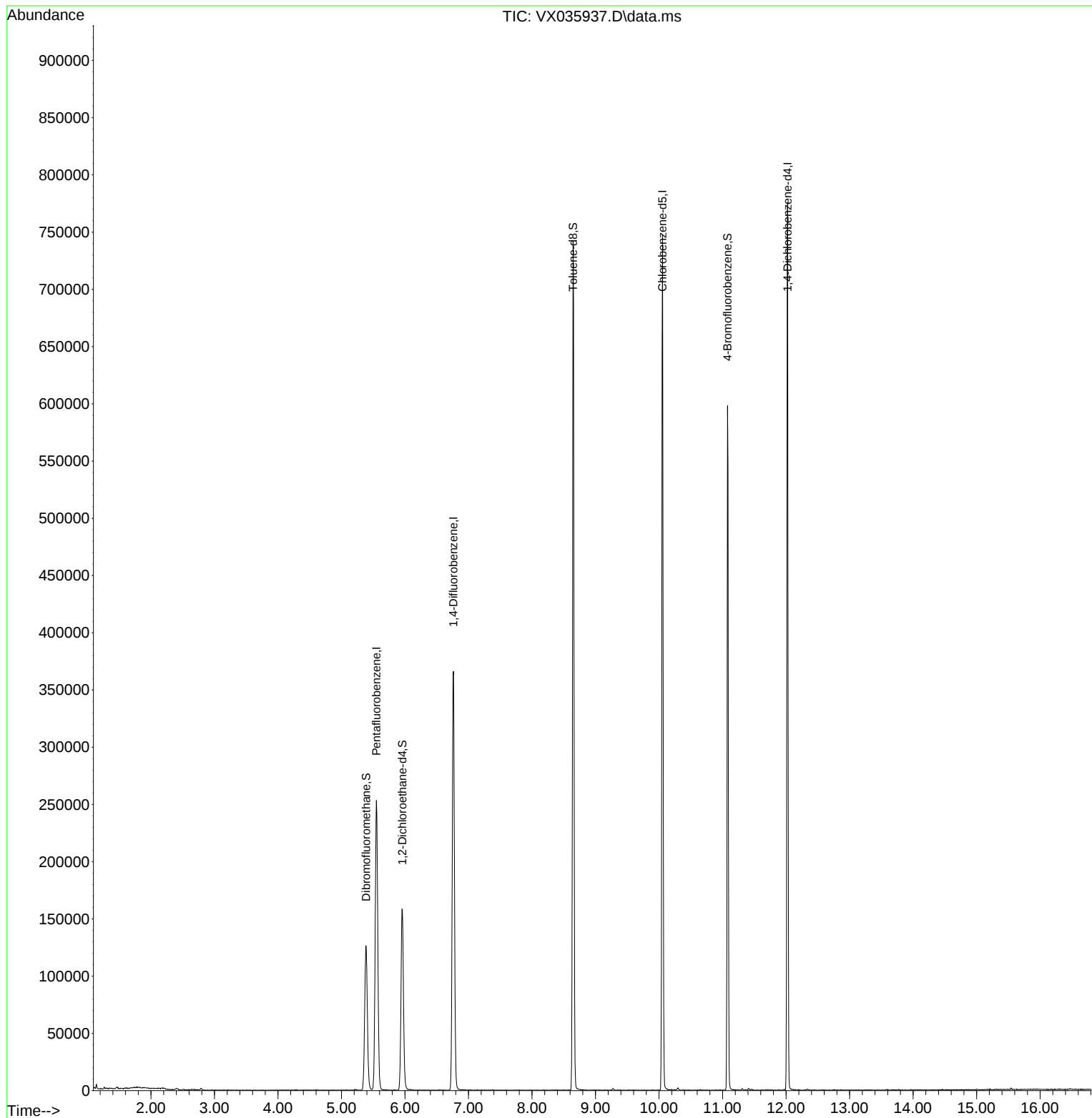
Target Compounds	Qvalue

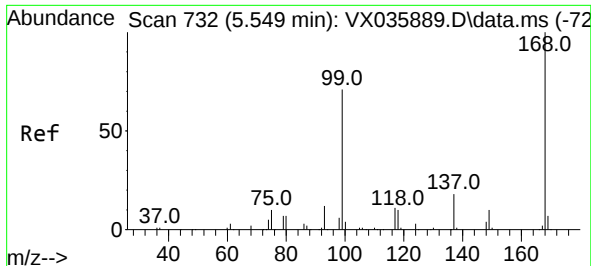
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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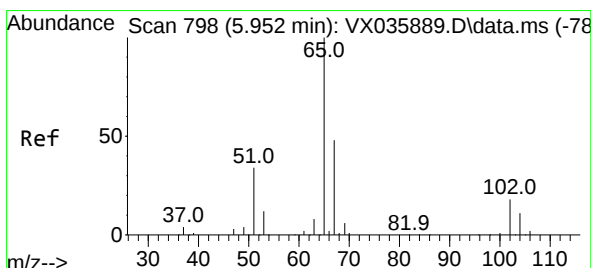
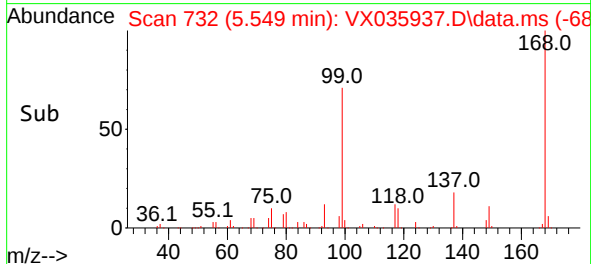
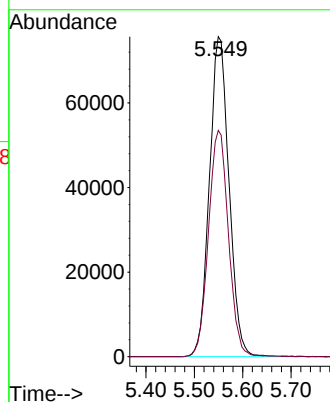
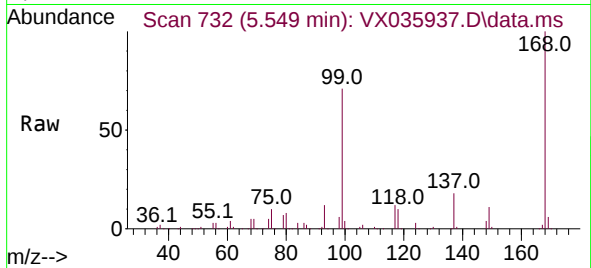




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX035937.D
Acq: 31 May 2023 15:35

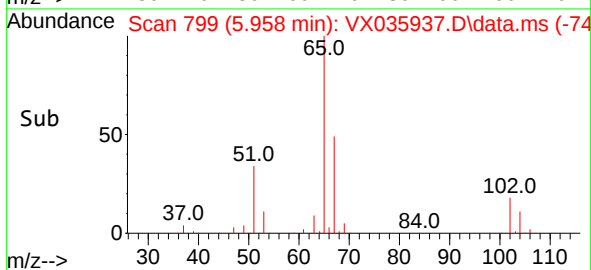
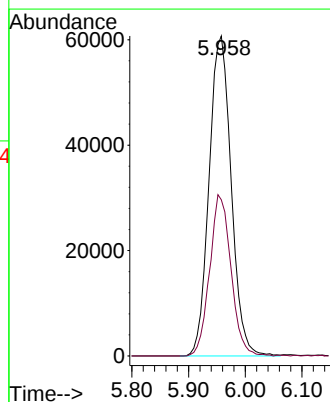
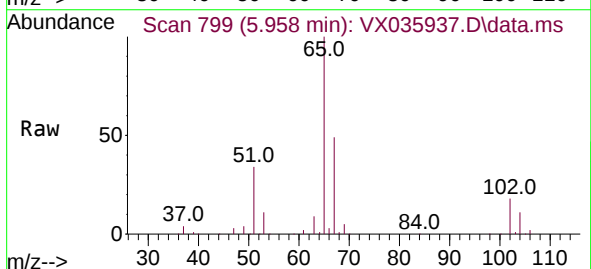
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

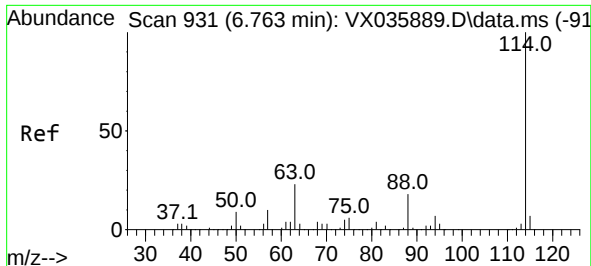
Tgt Ion:168 Resp: 212988
Ion Ratio Lower Upper
168 100
99 70.7 57.0 85.6



#33
1,2-Dichloroethane-d4
Concen: 47.597 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035937.D
Acq: 31 May 2023 15:35

Tgt Ion: 65 Resp: 164620
Ion Ratio Lower Upper
65 100
67 48.5 0.0 99.6

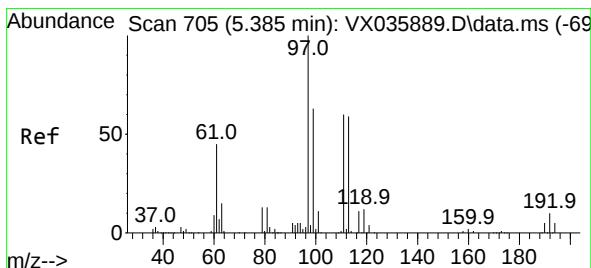
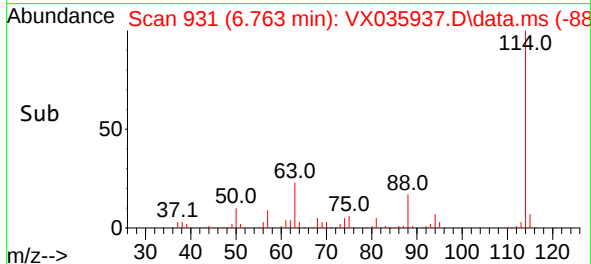
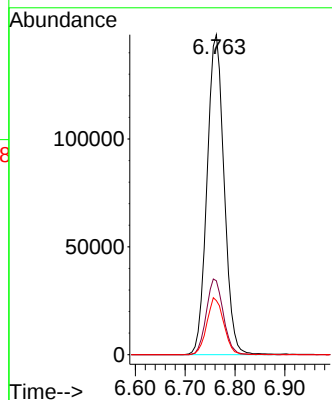
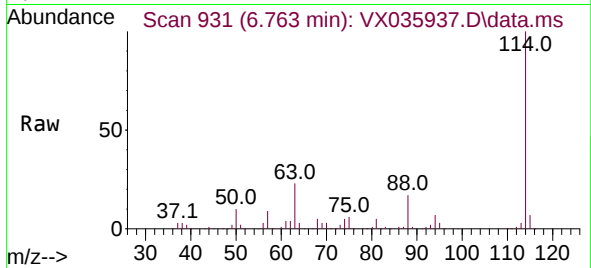




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035937.D
Acq: 31 May 2023 15:35

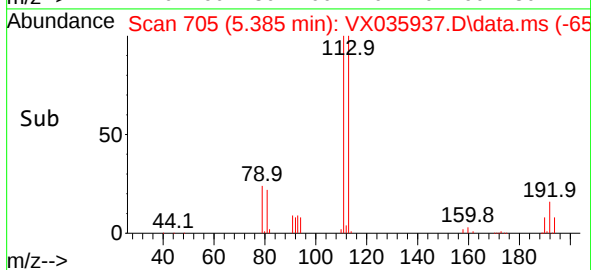
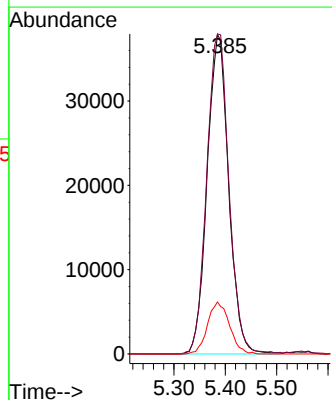
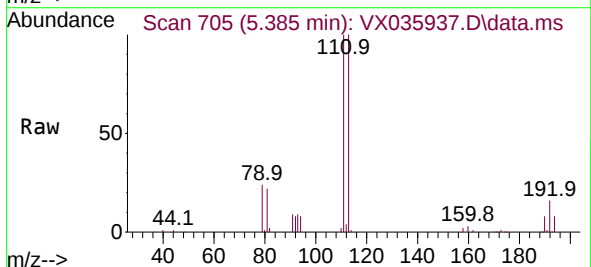
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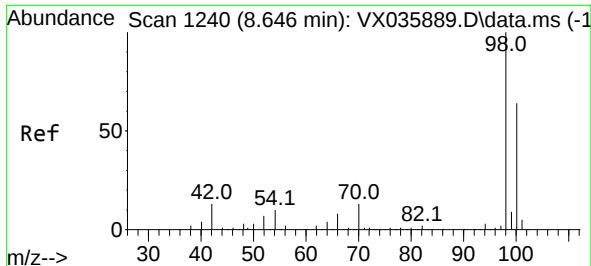
Tgt Ion:114 Resp: 352346
Ion Ratio Lower Upper
114 100
63 23.1 0.0 46.0
88 16.9 0.0 35.2



#35
Dibromofluoromethane
Concen: 46.538 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035937.D
Acq: 31 May 2023 15:35

Tgt Ion:113 Resp: 110289
Ion Ratio Lower Upper
113 100
111 103.5 81.7 122.5
192 16.6 13.5 20.3

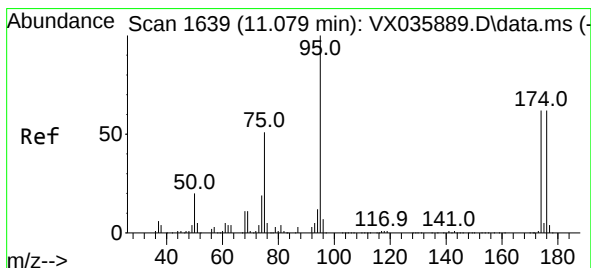
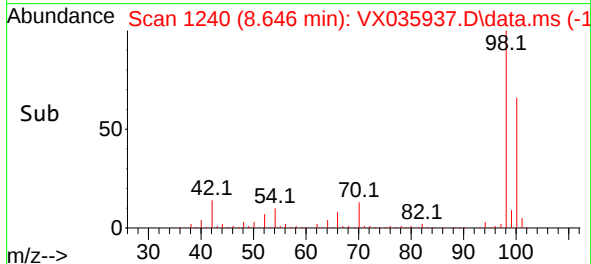
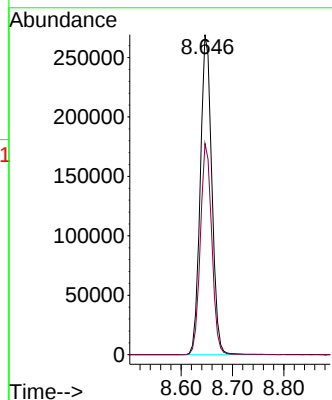
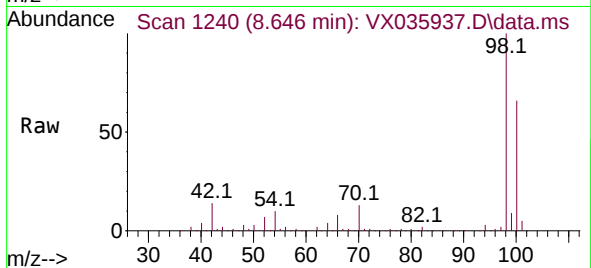




#50
Toluene-d8
Concen: 49.260 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035937.D
Acq: 31 May 2023 15:35

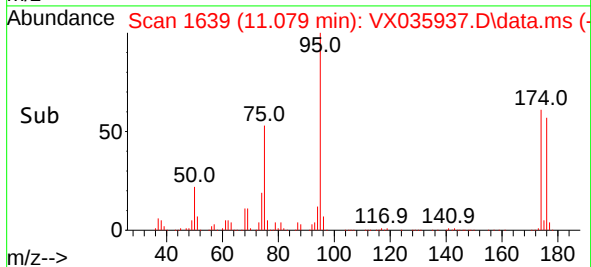
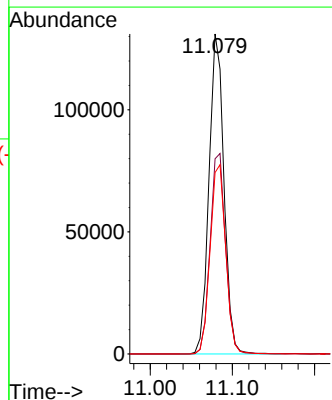
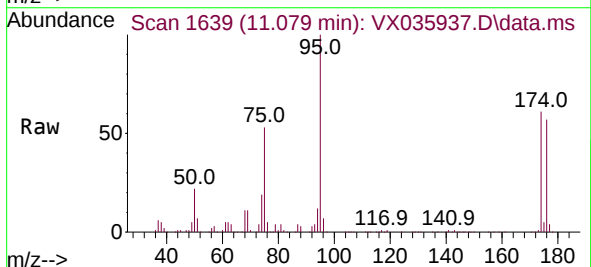
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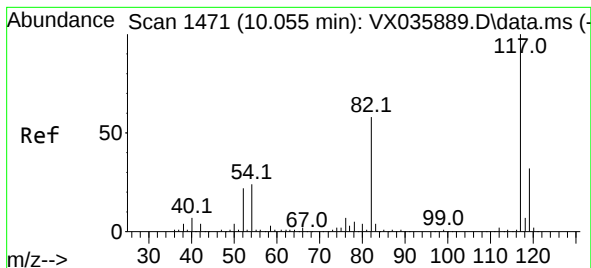
Tgt Ion: 98 Resp: 418967
Ion Ratio Lower Upper
98 100
100 65.3 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 49.181 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035937.D
Acq: 31 May 2023 15:35

Tgt Ion: 95 Resp: 165126
Ion Ratio Lower Upper
95 100
174 64.9 0.0 132.6
176 62.0 0.0 128.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX035937.D

Acq: 31 May 2023 15:35

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

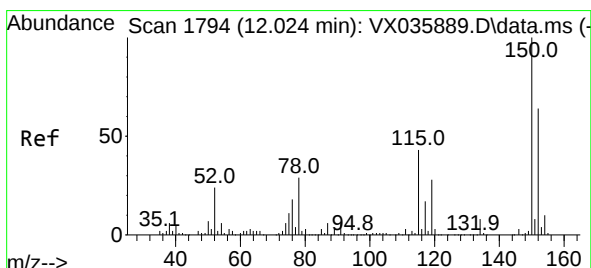
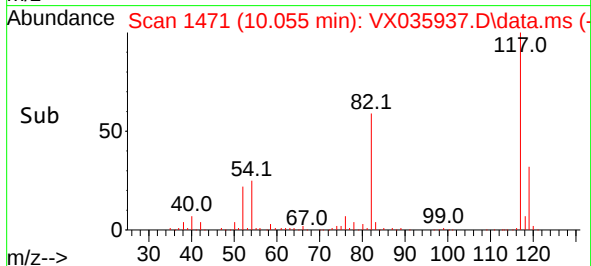
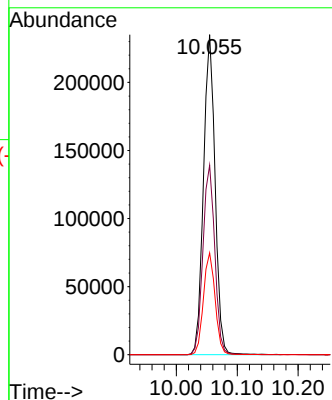
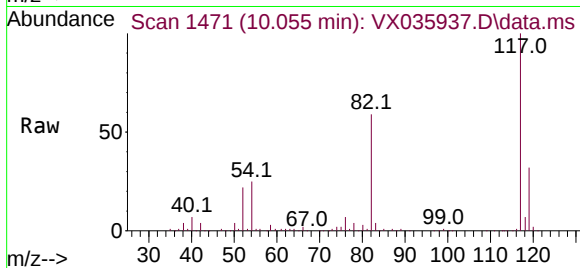
Tgt Ion:117 Resp: 310864

Ion Ratio Lower Upper

117 100

82 59.2 46.6 69.8

119 31.8 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: VX035937.D

Acq: 31 May 2023 15:35

Tgt Ion:152 Resp: 150151

Ion Ratio Lower Upper

152 100

115 64.3 45.5 136.5

150 154.2 0.0 345.2

