

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
 Data File : VX042111.D
 Acq On : 01 Jul 2024 13:58
 Operator : JC/MD
 Sample : P3123-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

Quant Time: Jul 02 02:05:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

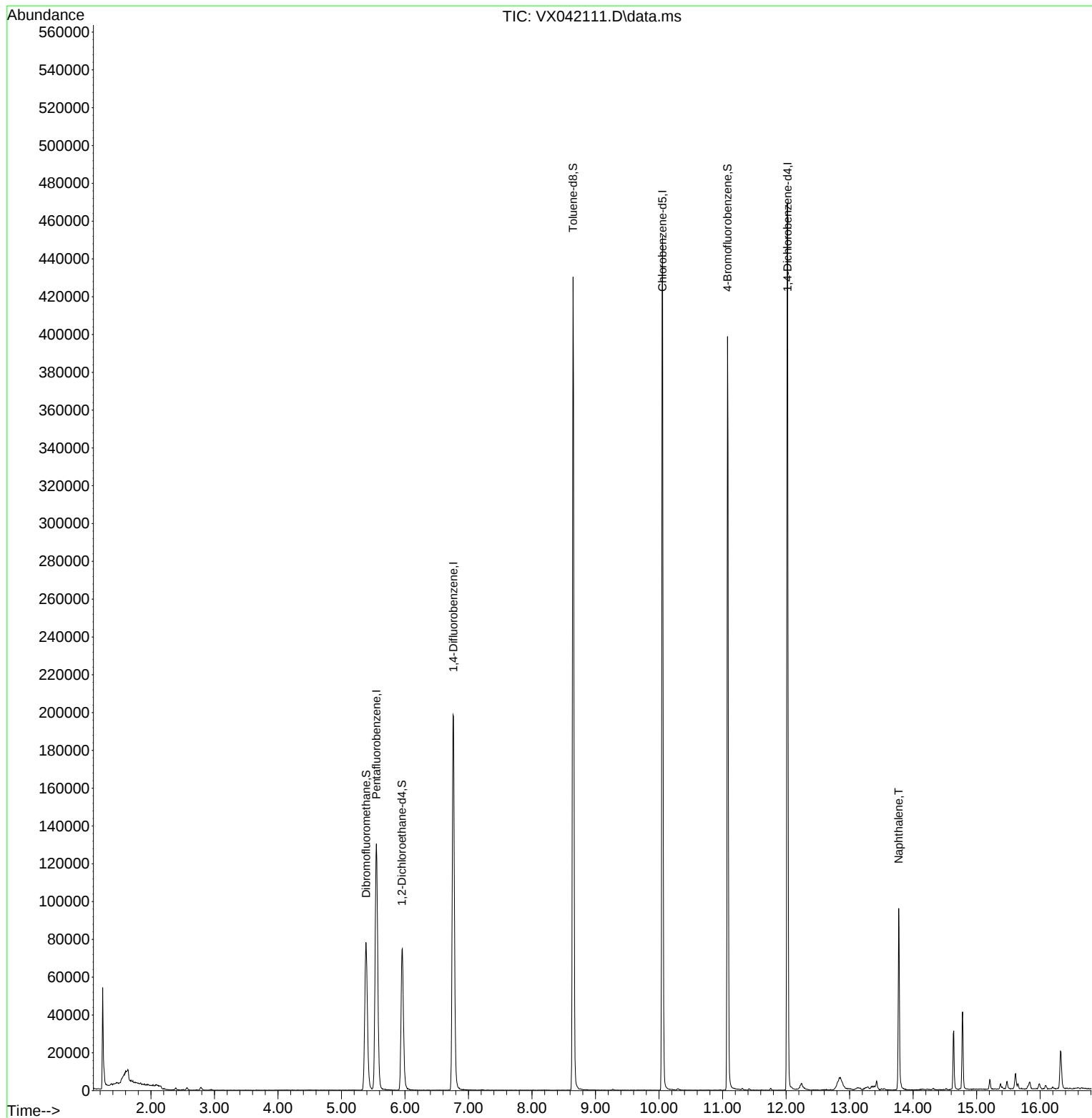
Internal Standards						
1) Pentafluorobenzene	5.550	168	147160	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	225858	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71601	42.194	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.380%
35) Dibromofluoromethane	5.385	113	69772	43.537	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.080%
50) Toluene-d8	8.647	98	264891	47.050	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.100%
62) 4-Bromofluorobenzene	11.079	95	105222	50.701	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.400%
Target Compounds						
95) Naphthalene	13.774	128	69066	8.751	ug/l	Qvalue 100

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

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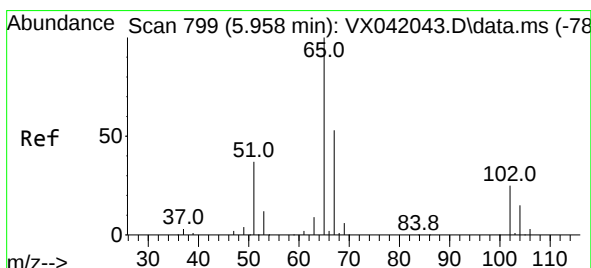
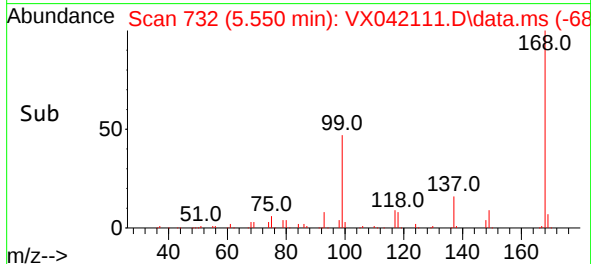
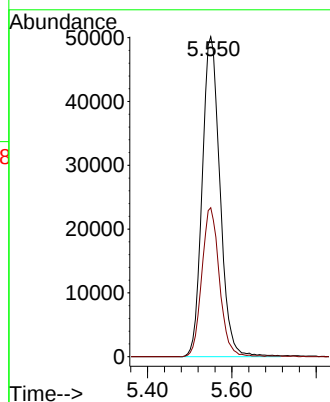
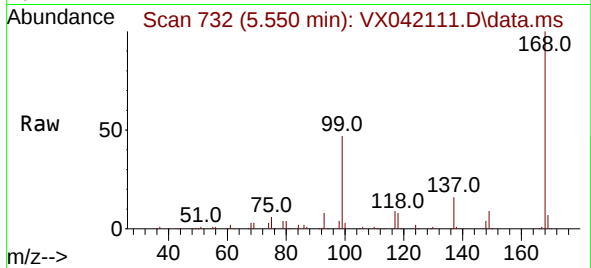




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042111.D
Acq: 01 Jul 2024 13:58

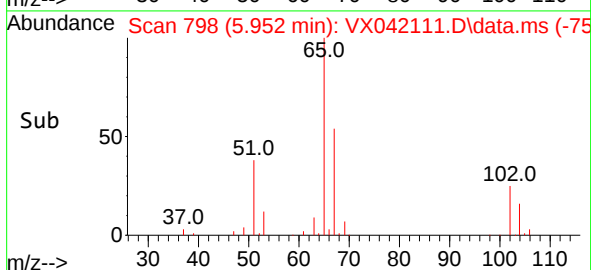
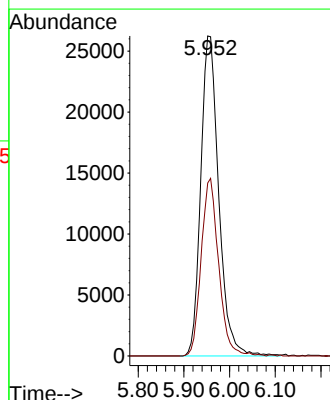
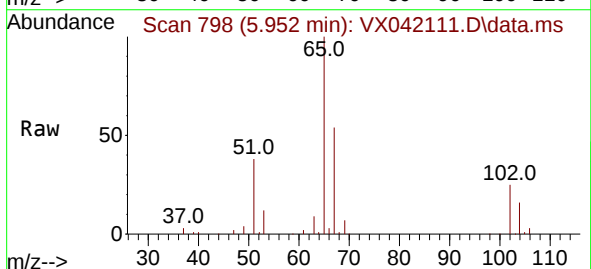
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

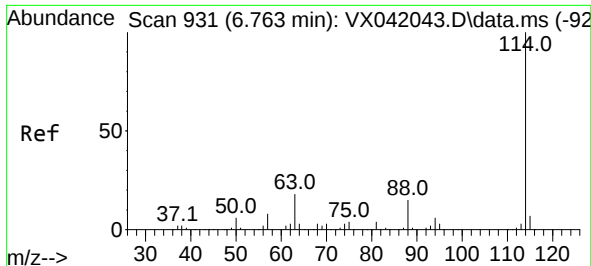
Tgt Ion:168 Resp: 147160
Ion Ratio Lower Upper
168 100
99 46.6 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 42.194 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX042111.D
Acq: 01 Jul 2024 13:58

Tgt Ion: 65 Resp: 71601
Ion Ratio Lower Upper
65 100
67 54.0 0.0 100.2

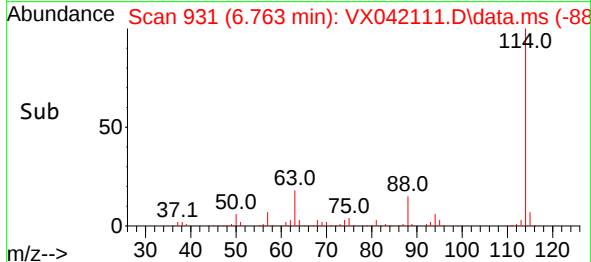
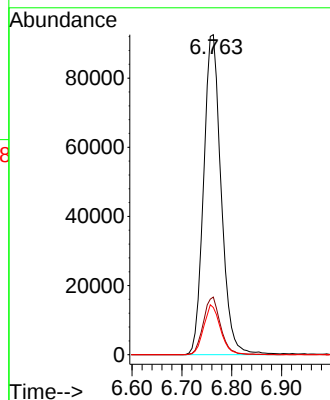
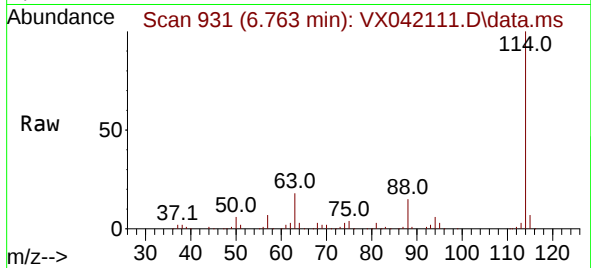




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX042111.D
Acq: 01 Jul 2024 13:58

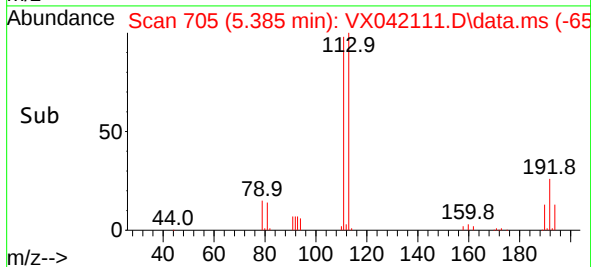
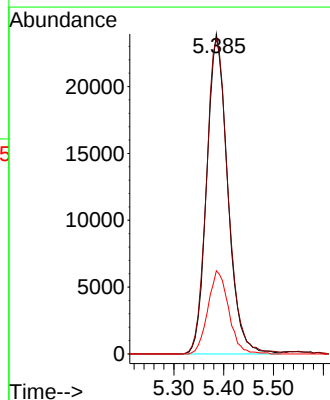
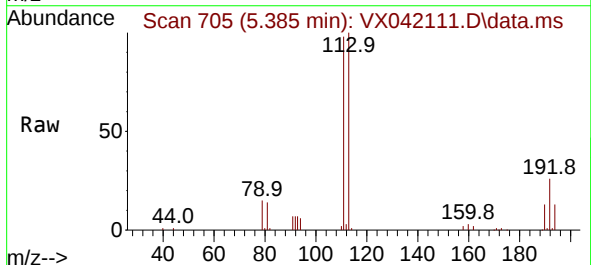
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

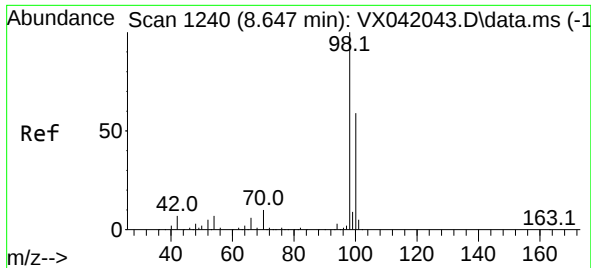
Tgt Ion:114 Resp: 225858
Ion Ratio Lower Upper
114 100
63 18.0 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.537 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042111.D
Acq: 01 Jul 2024 13:58

Tgt Ion:113 Resp: 69772
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 25.8 13.3 19.9#

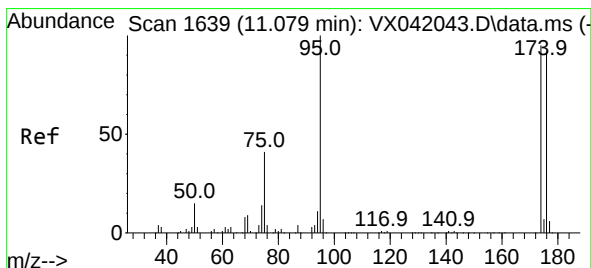
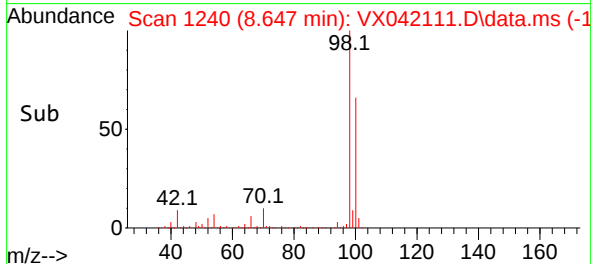
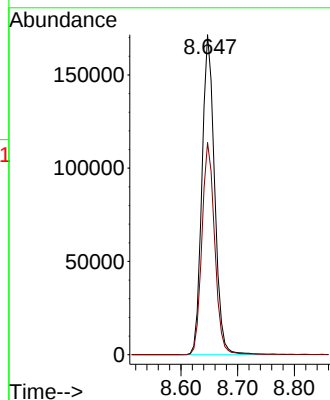
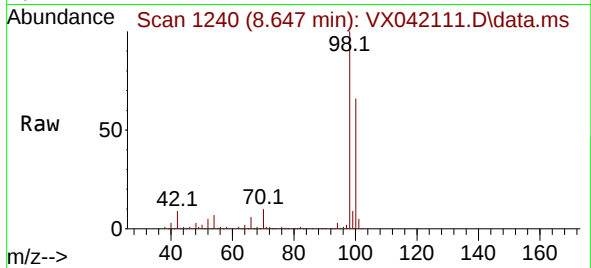




#50
Toluene-d8
Concen: 47.050 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042111.D
Acq: 01 Jul 2024 13:58

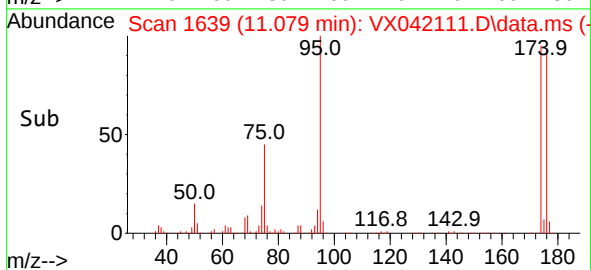
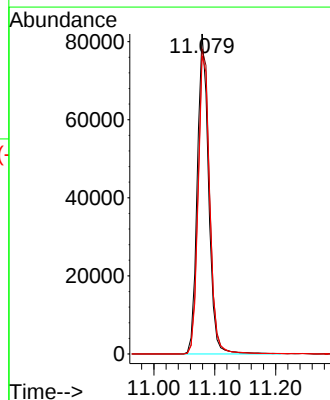
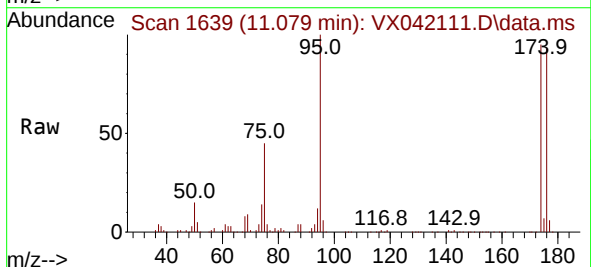
Instrument : MSVOA_X
ClientSampleId : Storage-Blank-SOIL-REF-6

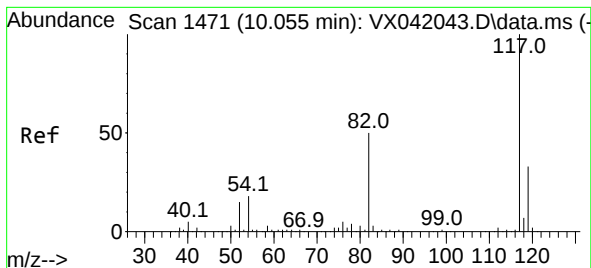
Tgt Ion: 98 Resp: 264891
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.701 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042111.D
Acq: 01 Jul 2024 13:58

Tgt Ion: 95 Resp: 105222
Ion Ratio Lower Upper
95 100
174 98.7 0.0 135.6
176 95.4 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX042111.D

Acq: 01 Jul 2024 13:58

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SOIL-REF-6

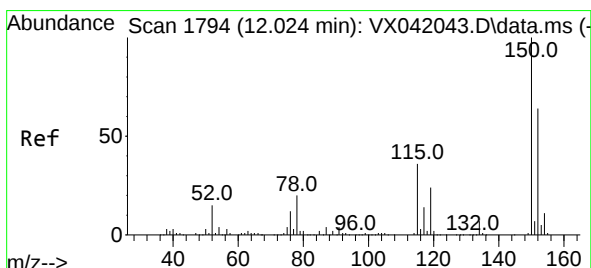
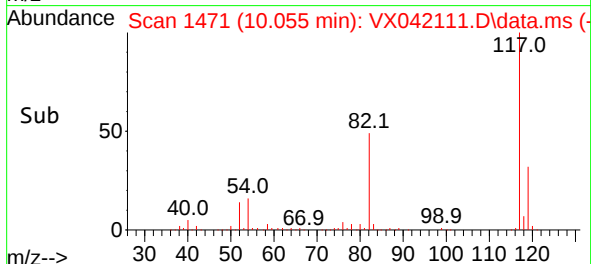
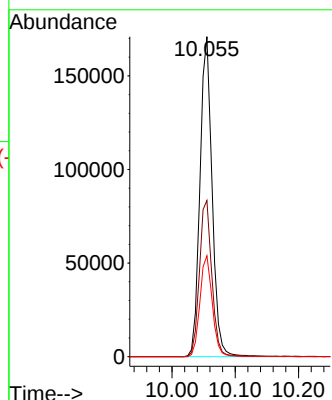
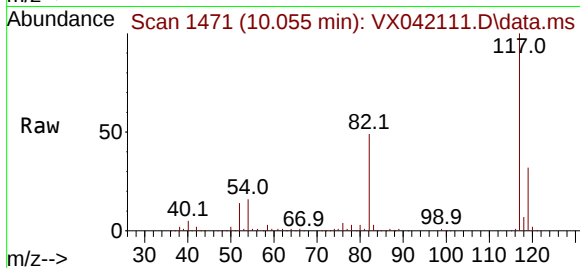
Tgt Ion:117 Resp: 229173

Ion Ratio Lower Upper

117 100

82 48.8 46.2 69.4

119 31.5 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX042111.D

Acq: 01 Jul 2024 13:58

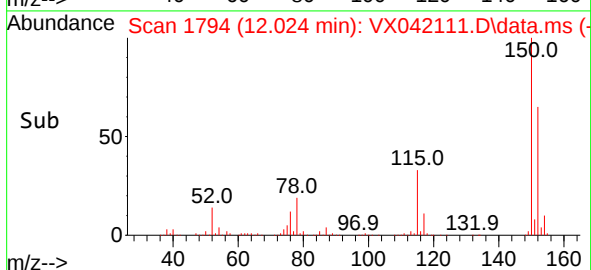
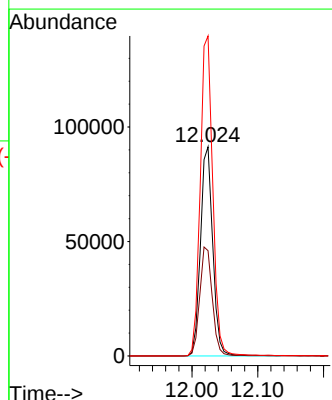
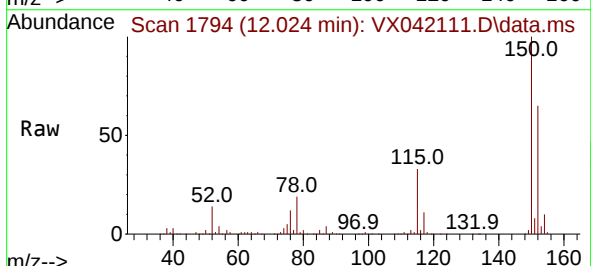
Tgt Ion:152 Resp: 118570

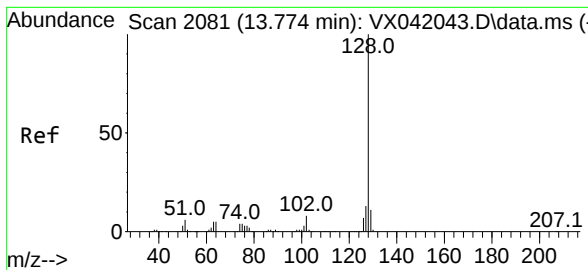
Ion Ratio Lower Upper

152 100

115 53.2 43.3 129.9

150 155.9 0.0 345.0





#95
Naphthalene
Concen: 8.751 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
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Acq: 01 Jul 2024 13:58

Instrument :
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ClientSampleId :
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Tgt Ion:	128	Resp:	69066
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	11.0	8.8	13.2

