

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
 Data File : VU045049.D
 Acq On : 30 Sep 2021 16:03
 Operator : SY/MD
 Sample : M3937-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Oct 01 05:40:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	197001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	355299	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	336261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	150859	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	158807	48.427	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.860%
35) Dibromofluoromethane	5.292	113	110612	49.351	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.700%
50) Toluene-d8	7.902	98	447642	50.547	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.100%
62) 4-Bromofluorobenzene	10.635	95	168775	46.161	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.320%

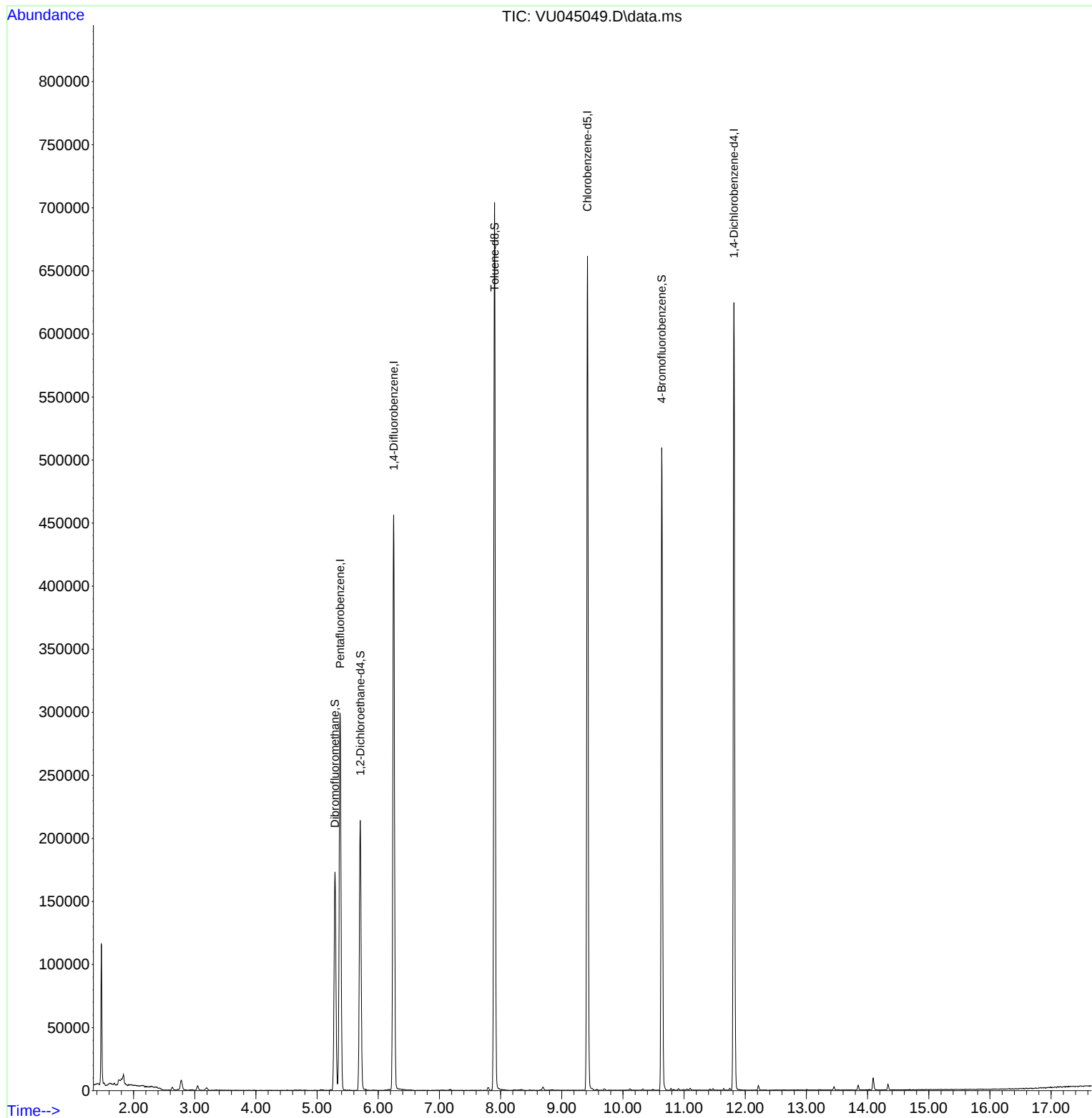
Target Compounds	Qvalue

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

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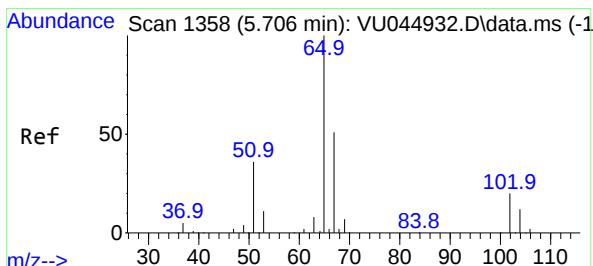
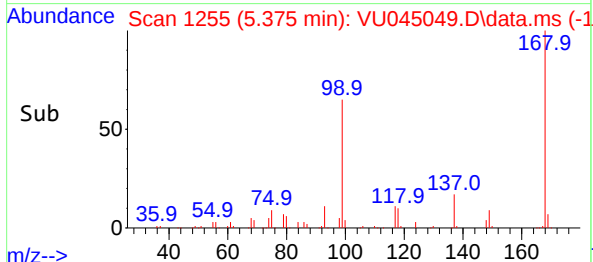
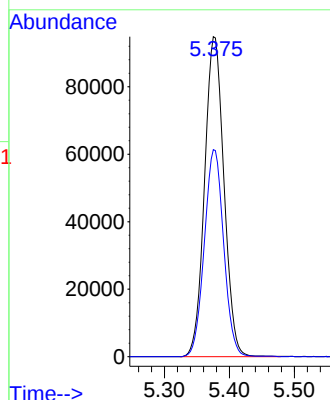
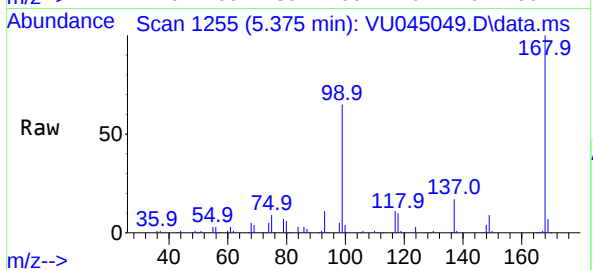




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VU045049.D
Acq: 30 Sep 2021 16:03

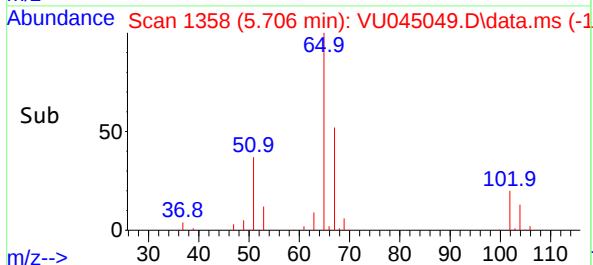
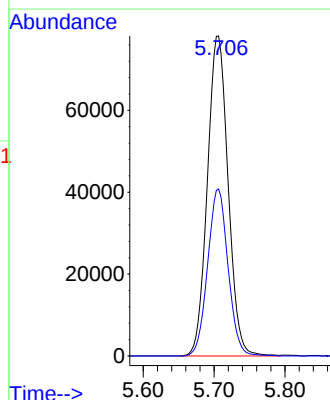
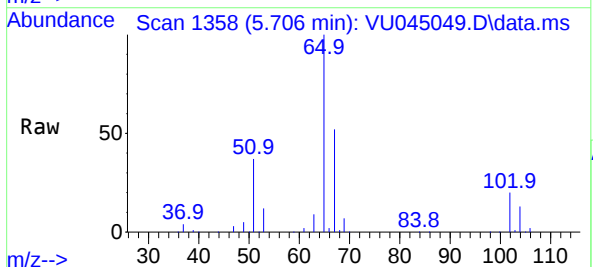
Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

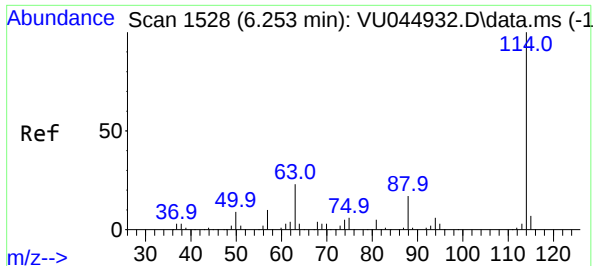
Tgt Ion:168 Resp: 197001
Ion Ratio Lower Upper
168 100
99 64.7 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 48.427 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU045049.D
Acq: 30 Sep 2021 16:03

Tgt Ion: 65 Resp: 158807
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VU045049.D

Acq: 30 Sep 2021 16:03

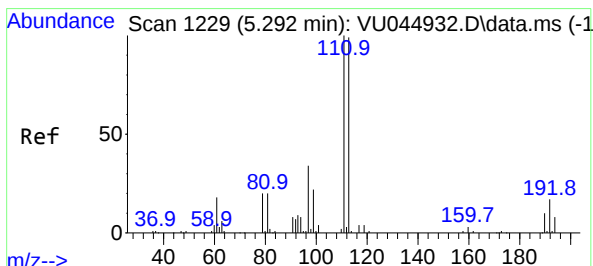
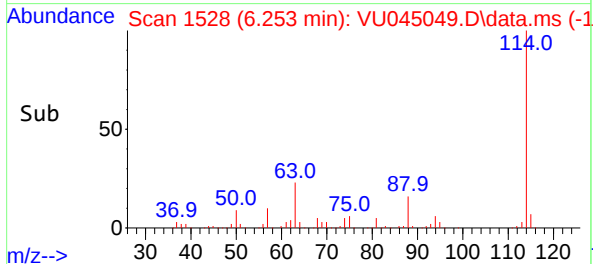
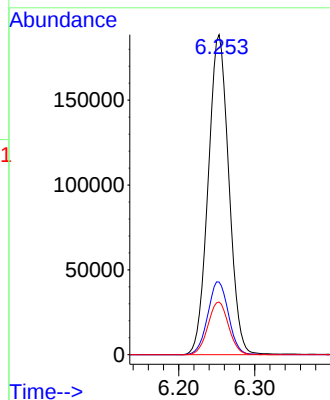
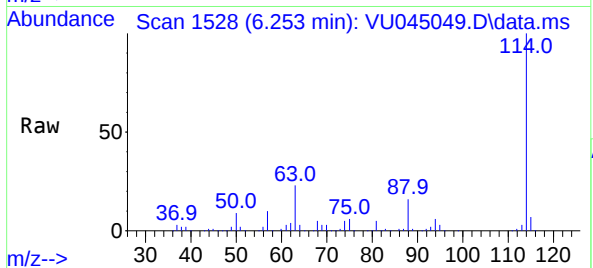
Tgt Ion:114 Resp: 355299

Ion Ratio Lower Upper

114 100

63 22.7 0.0 47.8

88 16.5 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.351 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU045049.D

Acq: 30 Sep 2021 16:03

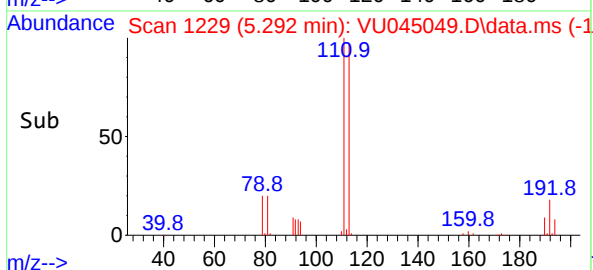
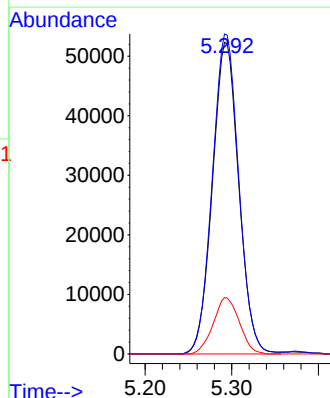
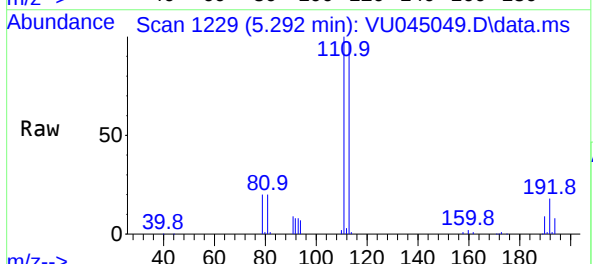
Tgt Ion:113 Resp: 110612

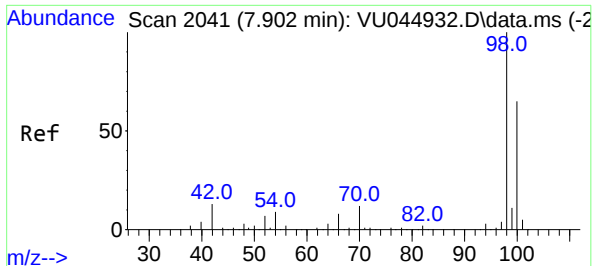
Ion Ratio Lower Upper

113 100

111 102.7 84.1 126.1

192 17.9 14.8 22.2

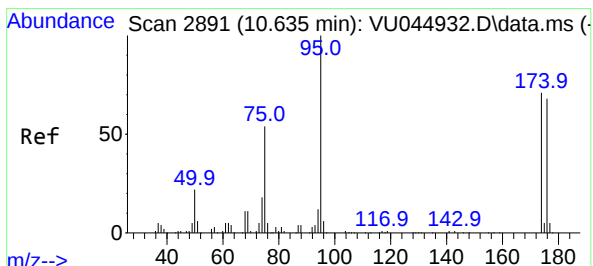
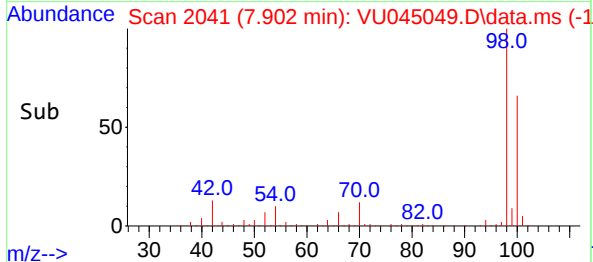
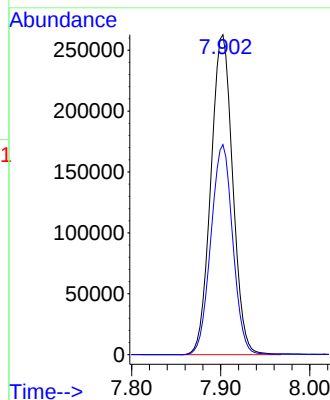
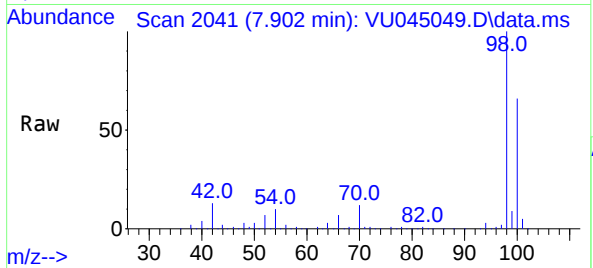




#50
Toluene-d8
Concen: 50.547 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045049.D
Acq: 30 Sep 2021 16:03

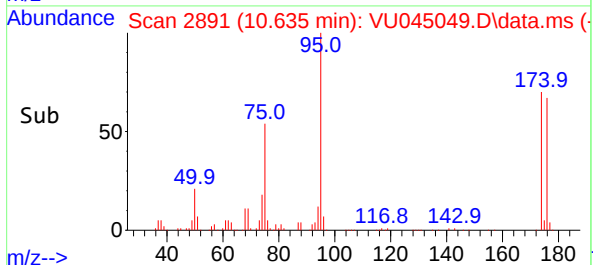
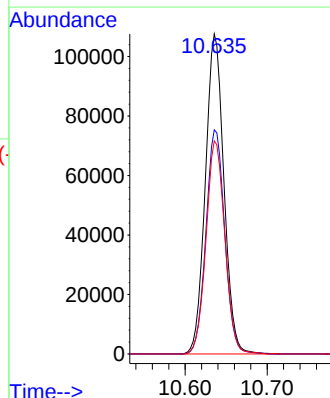
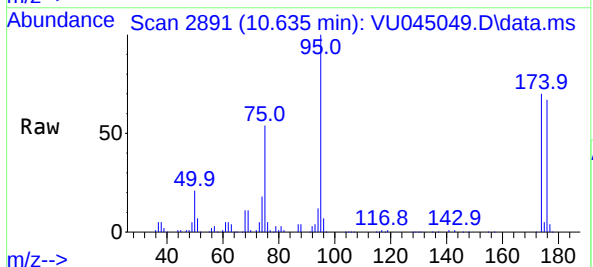
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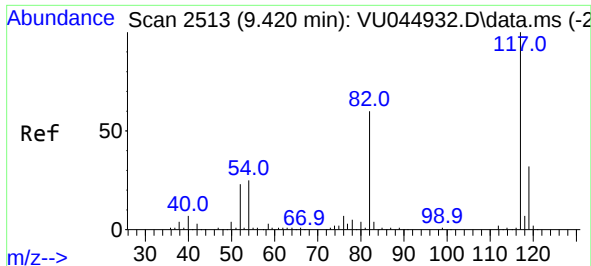
Tgt Ion: 98 Resp: 447642
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.161 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045049.D
Acq: 30 Sep 2021 16:03

Tgt Ion: 95 Resp: 168775
Ion Ratio Lower Upper
95 100
174 70.9 0.0 146.6
176 67.4 0.0 141.2

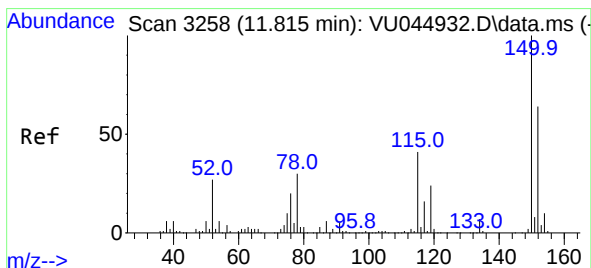
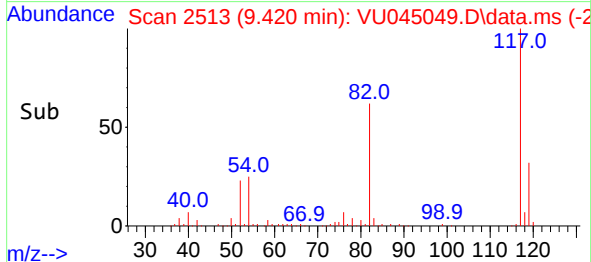
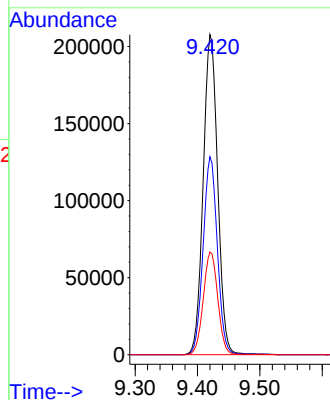
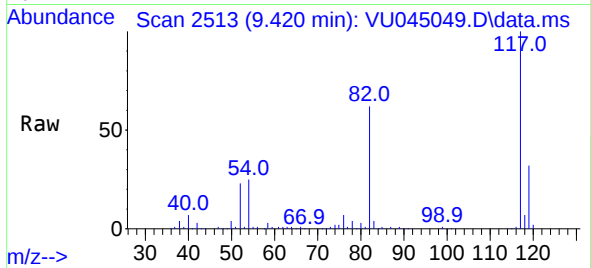




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045049.D
Acq: 30 Sep 2021 16:03

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

Tgt Ion:117 Resp: 336261
Ion Ratio Lower Upper
117 100
82 61.9 47.8 71.8
119 32.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU045049.D
Acq: 30 Sep 2021 16:03

Tgt Ion:152 Resp: 150859
Ion Ratio Lower Upper
152 100
115 62.0 43.5 130.7
150 158.0 0.0 350.0

