

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU044987.D
 Acq On : 29 Sep 2021 12:45
 Operator : SY/MD
 Sample : VU0929WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0929WBL01

Quant Time: Sep 29 14:21:24 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	5.378	168	190656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	342223	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	333402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	165385	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	158822	50.04	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.08%
35) Dibromofluoromethane	5.295	113	110486	51.18	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.36%
50) Toluene-d8	7.902	98	444026	52.05	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.10%
62) 4-Bromofluorobenzene	10.635	95	167030	47.43	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.86%

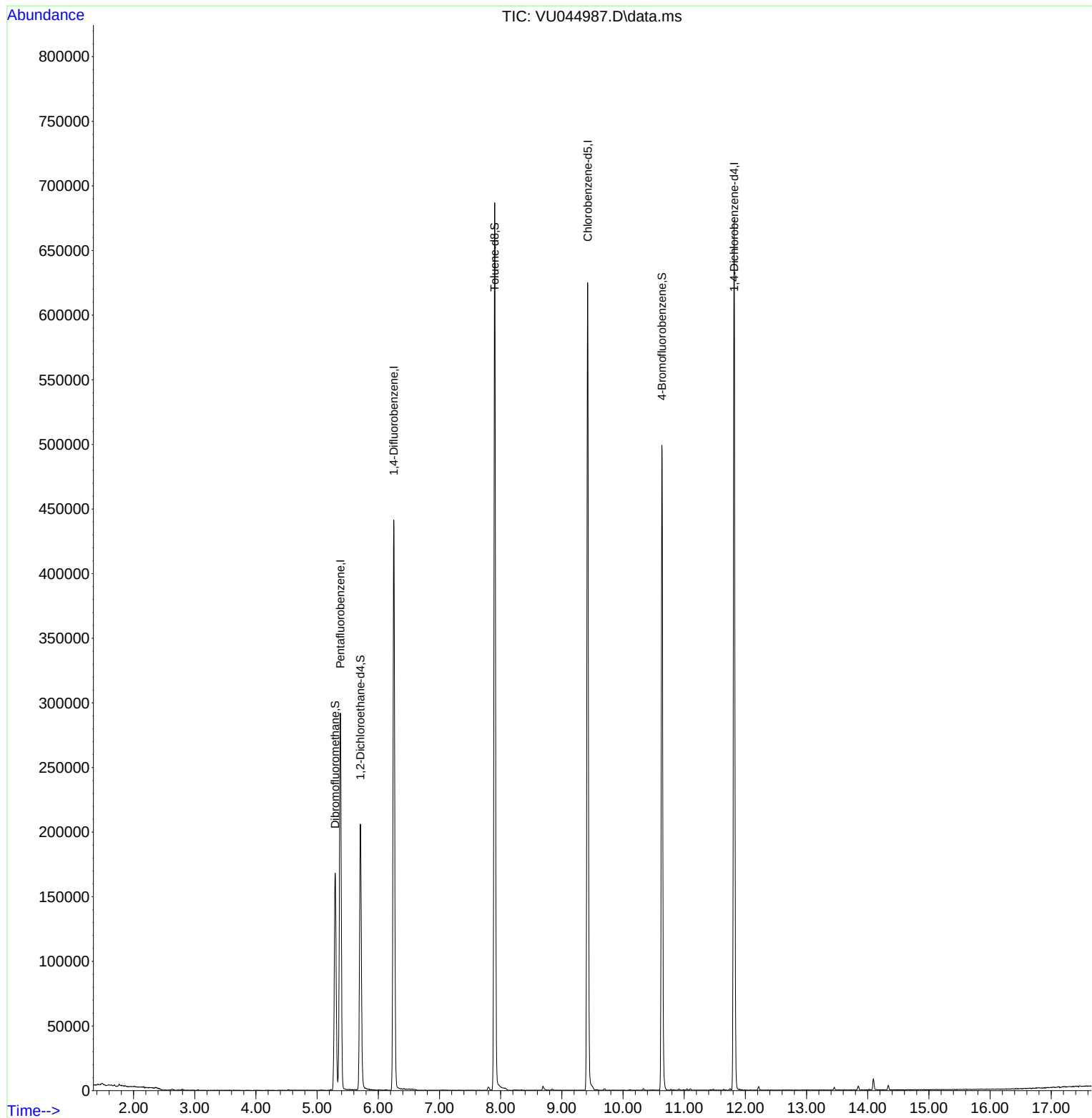
Target Compounds	Qvalue

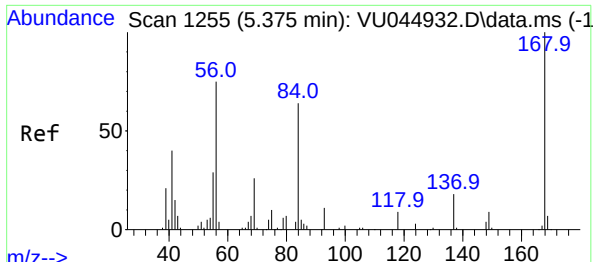
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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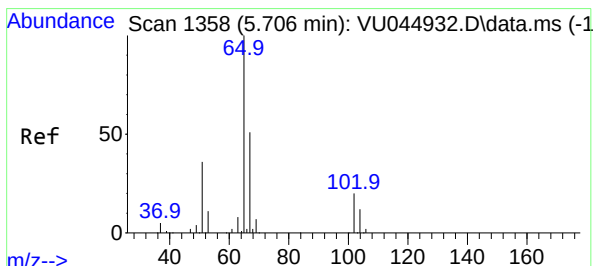
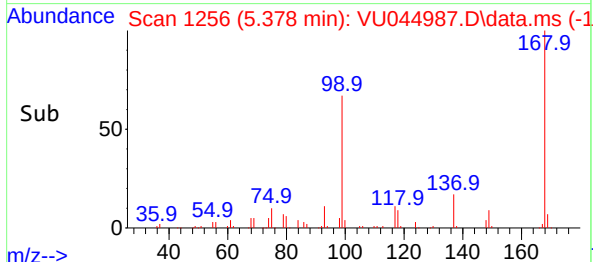
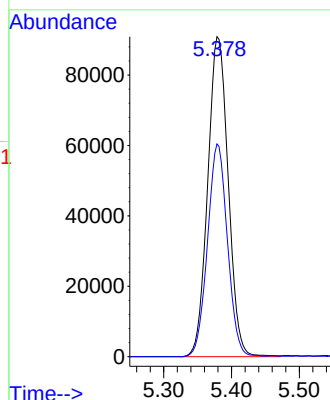
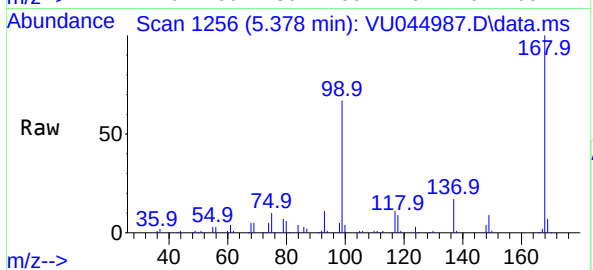




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. 0.003 min
Lab File: VU044987.D
Acq: 29 Sep 2021 12:45

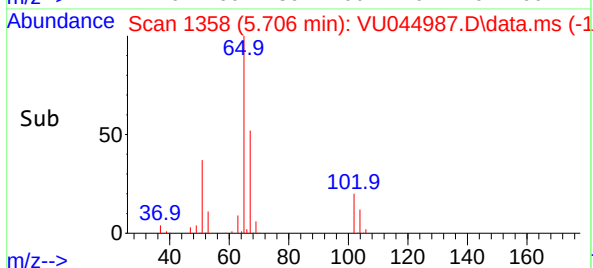
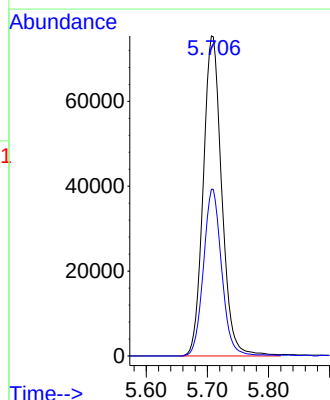
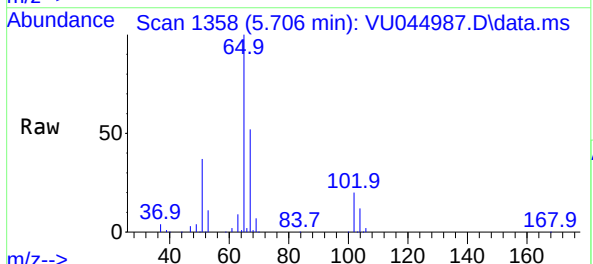
Instrument :
MSVOA_U
ClientSampleId :
VU0929WBL01

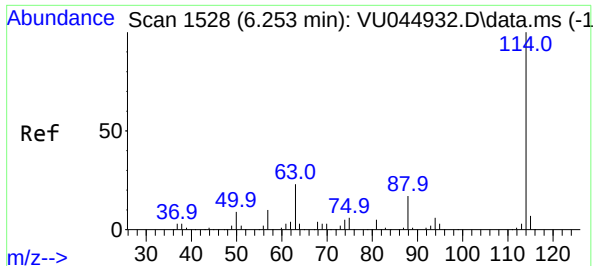
Tgt Ion:168 Resp: 190656
Ion Ratio Lower Upper
168 100
99 66.5 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 50.04 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU044987.D
Acq: 29 Sep 2021 12:45

Tgt Ion: 65 Resp: 158822
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU044987.D

Acq: 29 Sep 2021 12:45

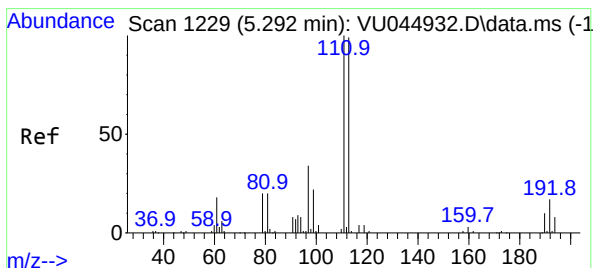
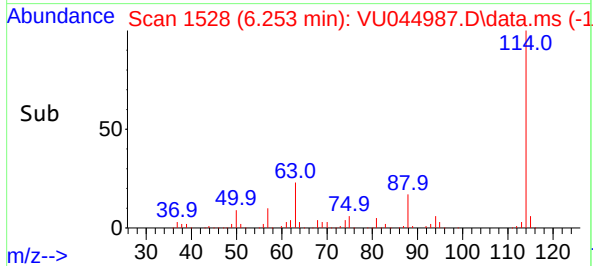
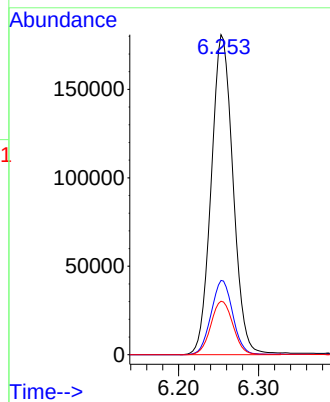
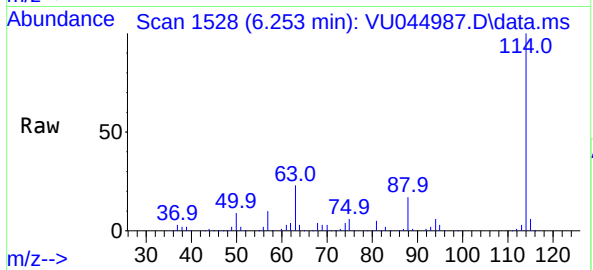
Tgt Ion:114 Resp: 342223

Ion Ratio Lower Upper

114 100

63 23.2 0.0 47.8

88 16.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 51.18 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. 0.003 min

Lab File: VU044987.D

Acq: 29 Sep 2021 12:45

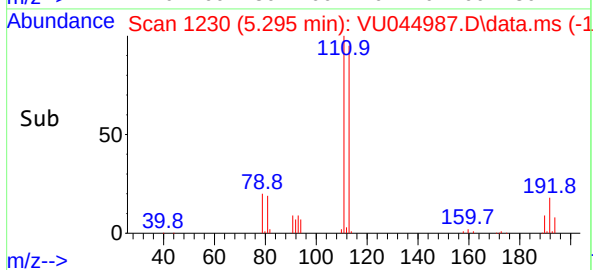
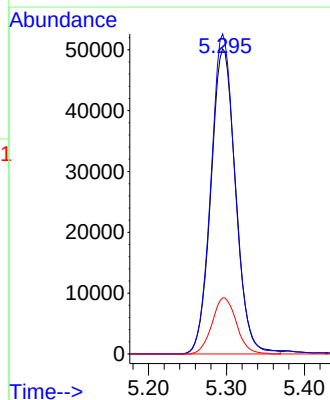
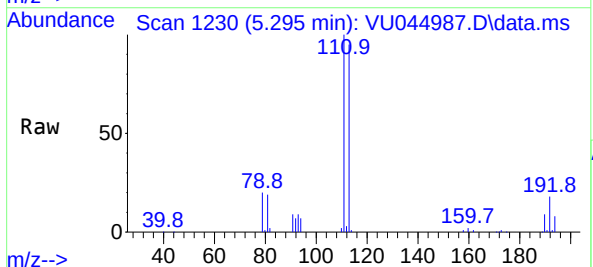
Tgt Ion:113 Resp: 110486

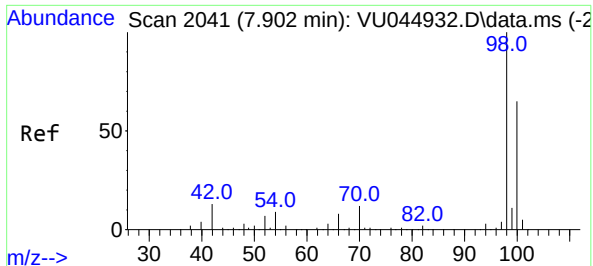
Ion Ratio Lower Upper

113 100

111 102.3 84.1 126.1

192 18.2 14.8 22.2

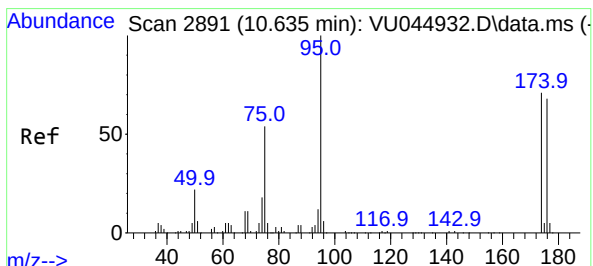
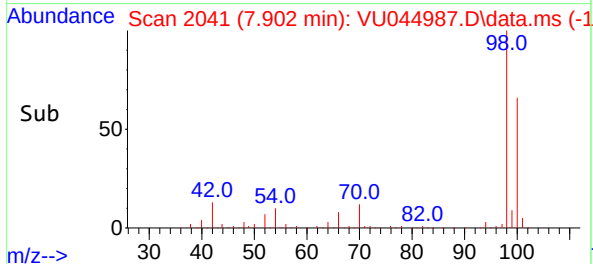
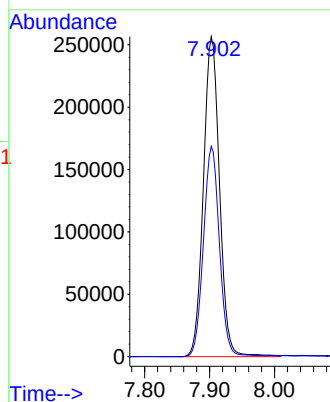
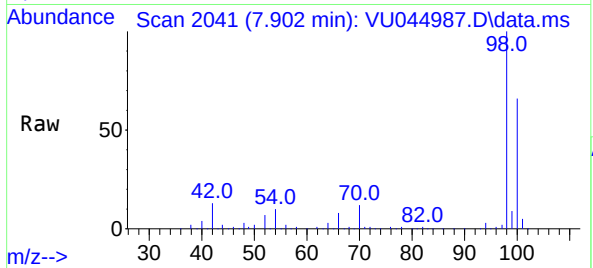




#50
Toluene-d8
Concen: 52.05 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044987.D
Acq: 29 Sep 2021 12:45

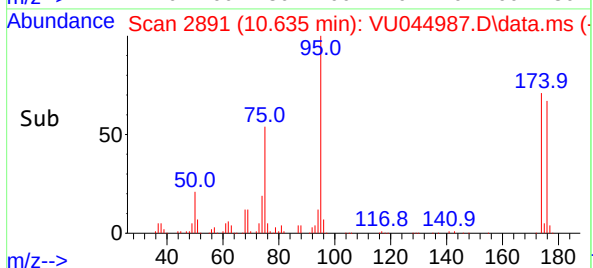
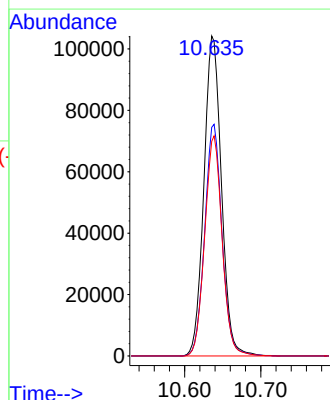
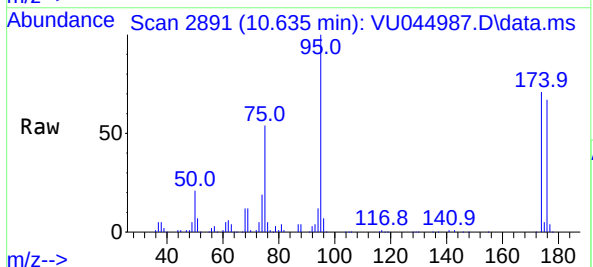
Instrument :
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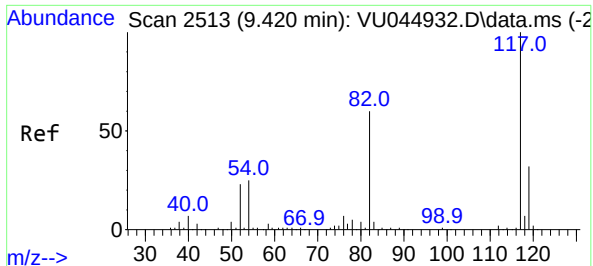
Tgt Ion: 98 Resp: 444026
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 47.43 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044987.D
Acq: 29 Sep 2021 12:45

Tgt Ion: 95 Resp: 167030
Ion Ratio Lower Upper
95 100
174 71.5 0.0 146.6
176 68.4 0.0 141.2

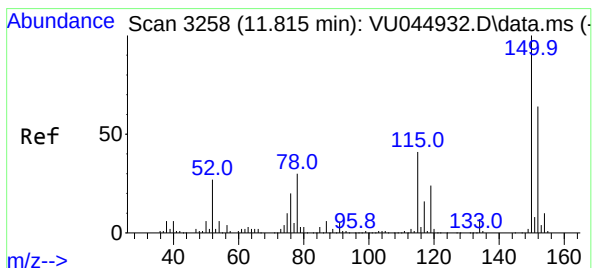
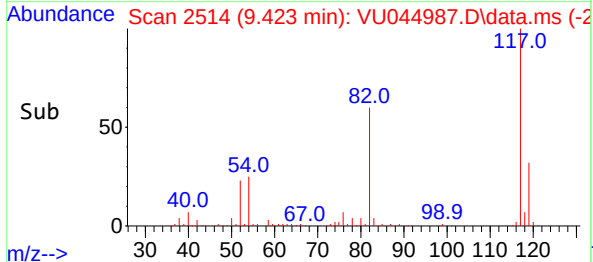
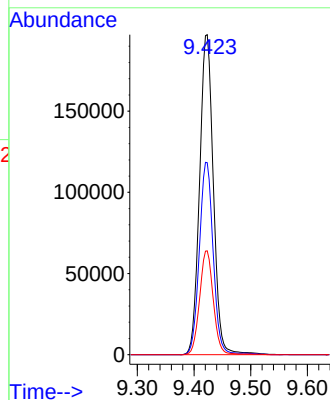
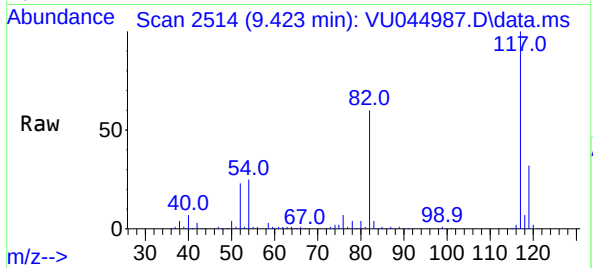




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.003 min
Lab File: VU044987.D
Acq: 29 Sep 2021 12:45

Instrument :
MSVOA_U
ClientSampleId :
VU0929WBL01

Tgt Ion:117 Resp: 333402
Ion Ratio Lower Upper
117 100
82 60.0 47.8 71.8
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU044987.D
Acq: 29 Sep 2021 12:45

Tgt Ion:152 Resp: 165385
Ion Ratio Lower Upper
152 100
115 61.6 43.5 130.7
150 157.2 0.0 350.0

