

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU045000.D
 Acq On : 29 Sep 2021 18:02
 Operator : SY/MD
 Sample : M3936-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-9-24-21

Quant Time: Sep 30 04:33:08 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	212300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	383209	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	357112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	166106	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	168335	47.63	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.26%
35) Dibromofluoromethane	5.295	113	117520	48.61	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.22%
50) Toluene-d8	7.902	98	484575	50.73	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.46%
62) 4-Bromofluorobenzene	10.635	95	175346	44.47	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.94%

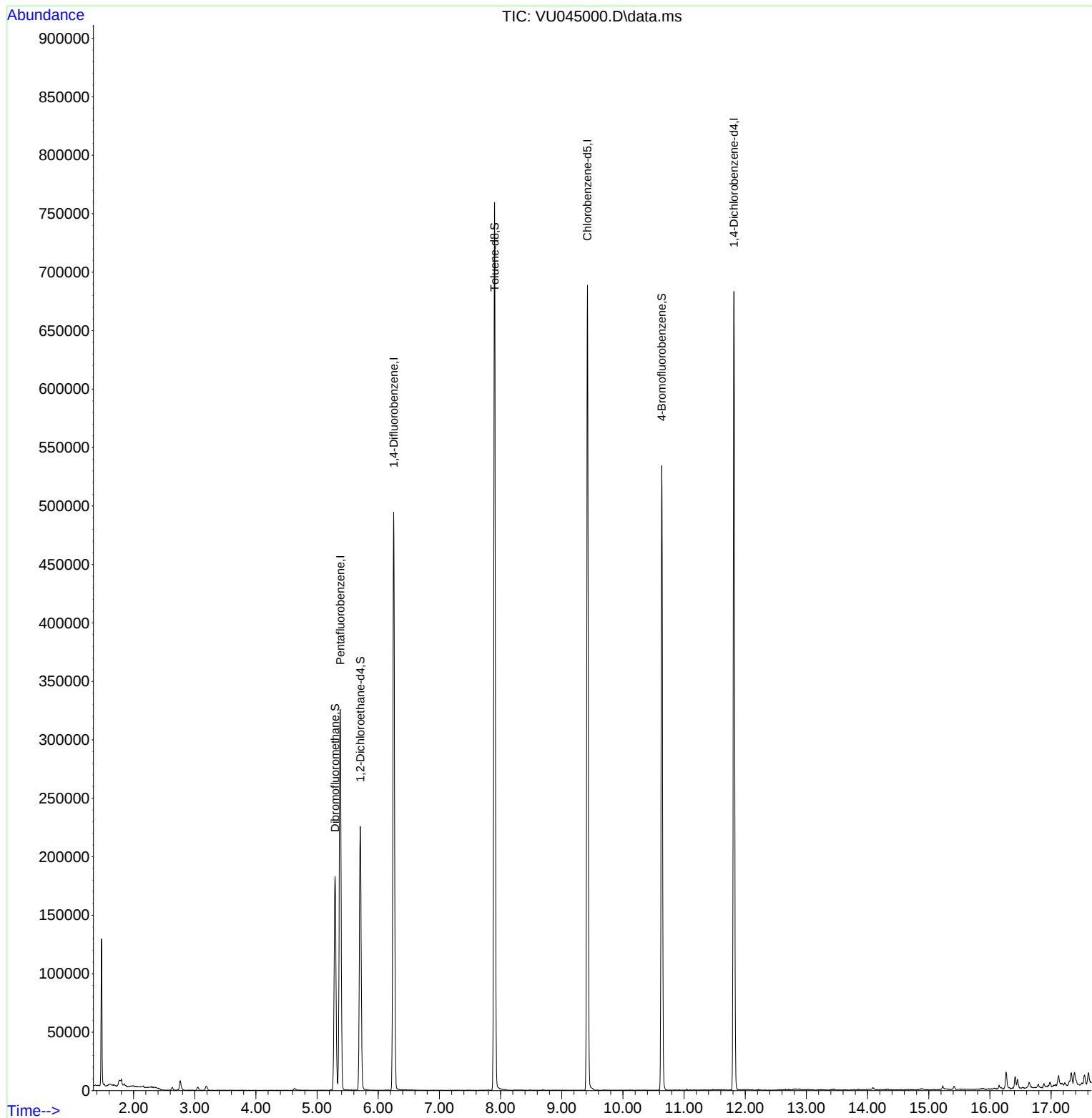
Target Compounds	Qvalue

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

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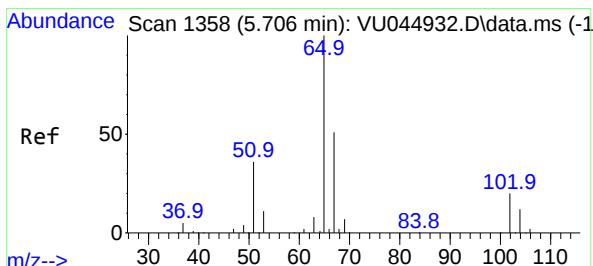
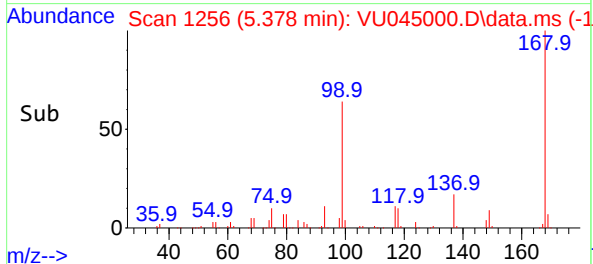
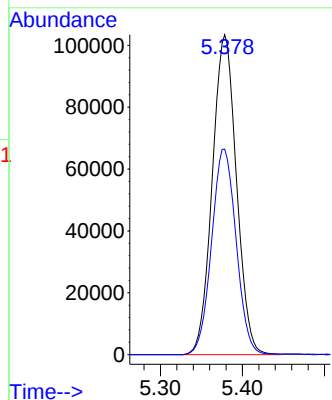
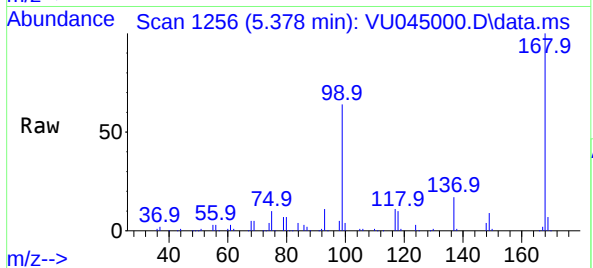




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. 0.003 min
Lab File: VU045000.D
Acq: 29 Sep 2021 18:02

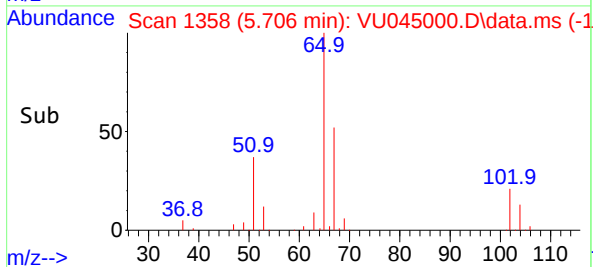
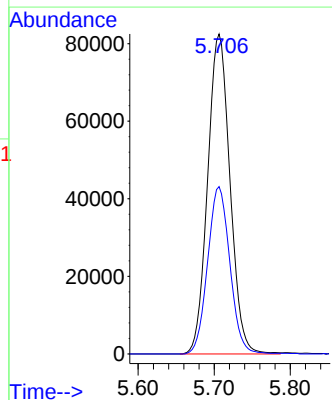
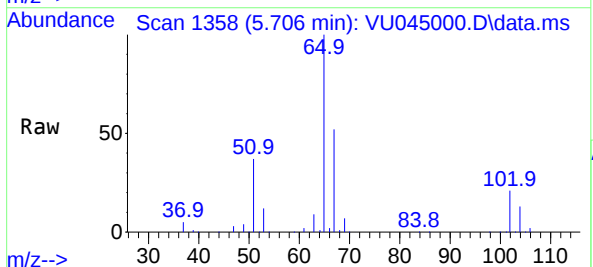
Instrument :
MSVOA_U
ClientSampleId :
TB-9-24-21

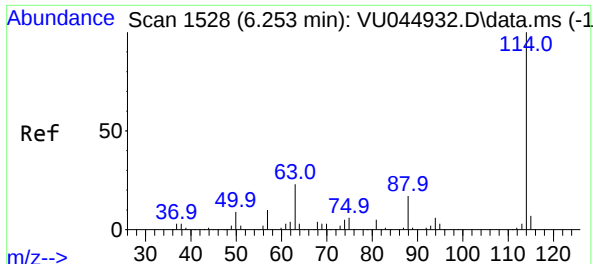
Tgt Ion:168 Resp: 212300
Ion Ratio Lower Upper
168 100
99 64.2 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 47.63 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU045000.D
Acq: 29 Sep 2021 18:02

Tgt Ion: 65 Resp: 168335
Ion Ratio Lower Upper
65 100
67 52.1 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: VU045000.D

Acq: 29 Sep 2021 18:02

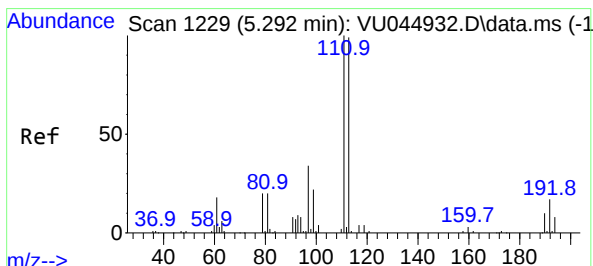
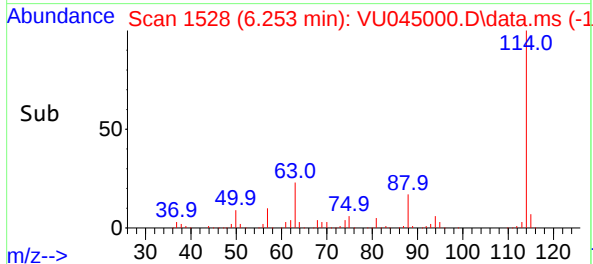
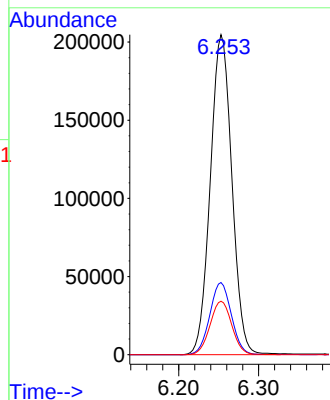
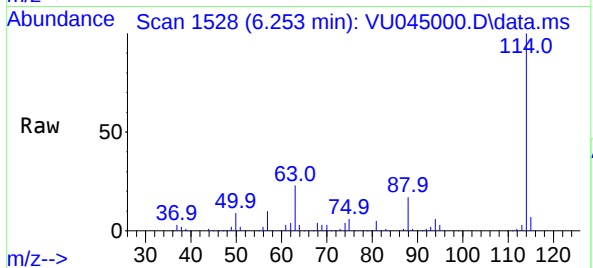
Tgt Ion:114 Resp: 383209

Ion Ratio Lower Upper

114 100

63 22.6 0.0 47.8

88 16.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 48.61 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. 0.003 min

Lab File: VU045000.D

Acq: 29 Sep 2021 18:02

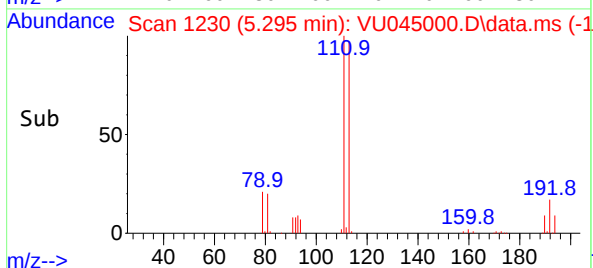
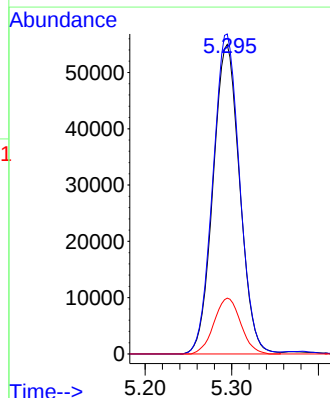
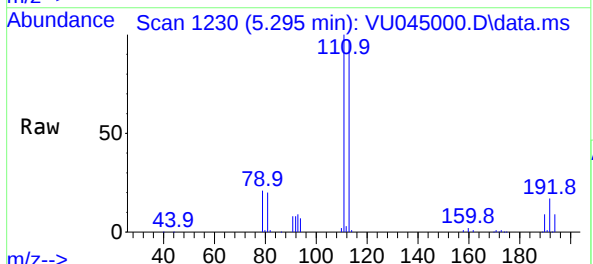
Tgt Ion:113 Resp: 117520

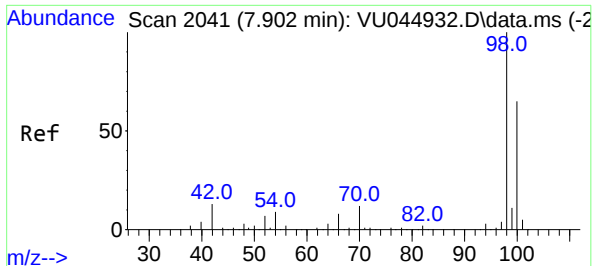
Ion Ratio Lower Upper

113 100

111 103.8 84.1 126.1

192 18.1 14.8 22.2

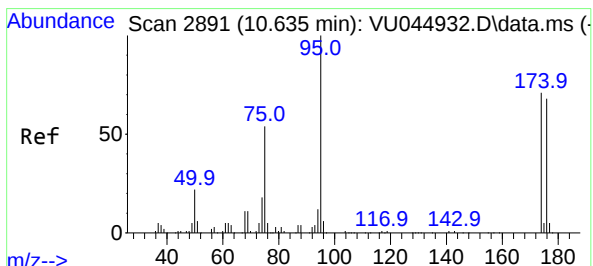
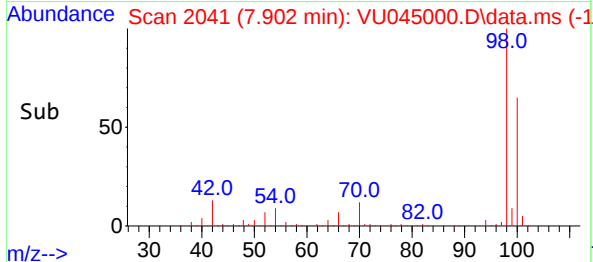
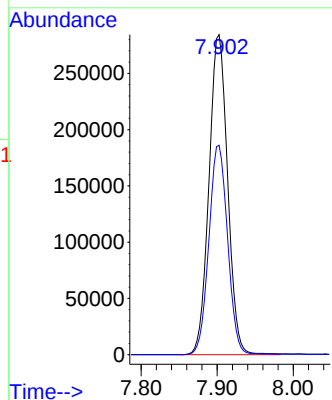
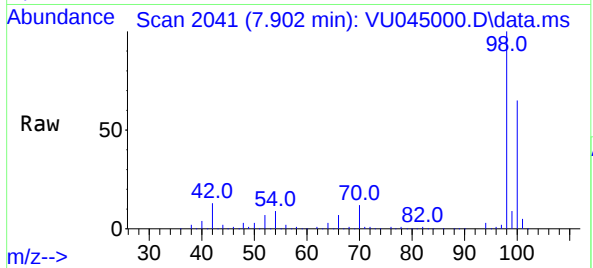




#50
Toluene-d8
Concen: 50.73 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045000.D
Acq: 29 Sep 2021 18:02

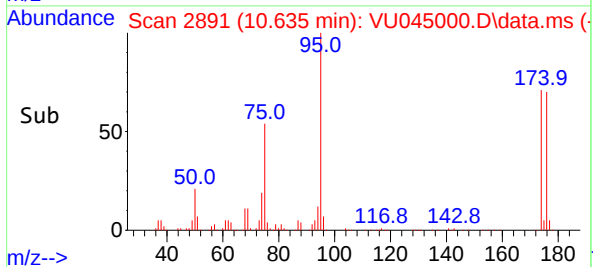
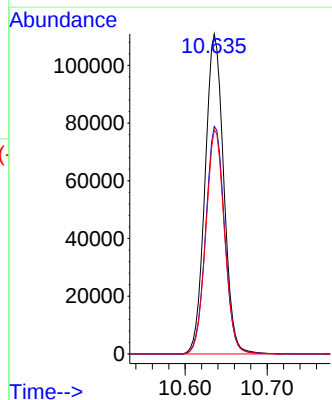
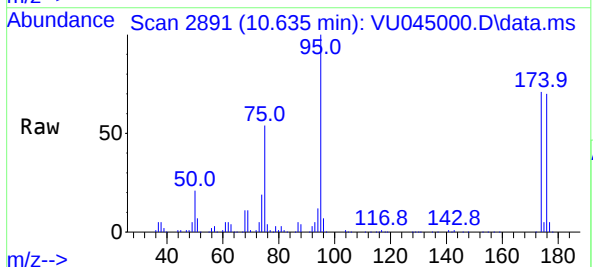
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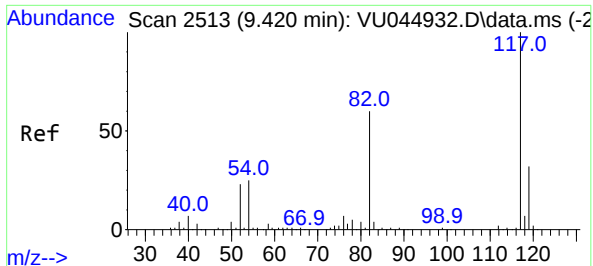
Tgt Ion: 98 Resp: 484575
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 44.47 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045000.D
Acq: 29 Sep 2021 18:02

Tgt Ion: 95 Resp: 175346
Ion Ratio Lower Upper
95 100
174 72.1 0.0 146.6
176 70.0 0.0 141.2

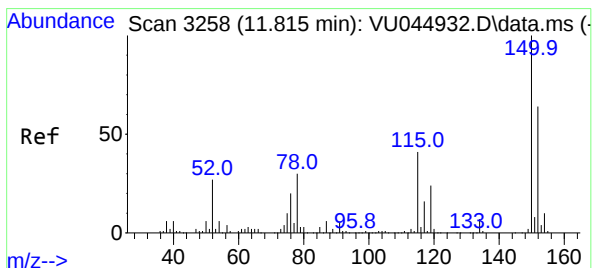
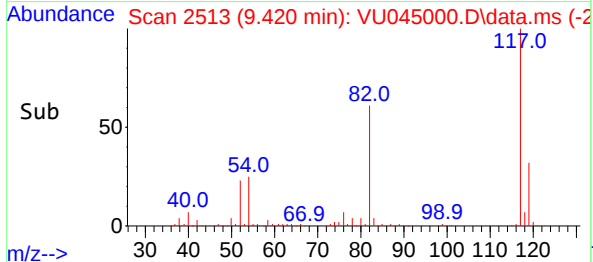
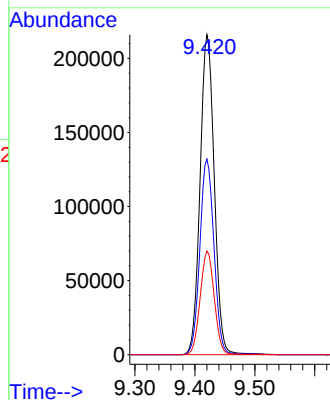
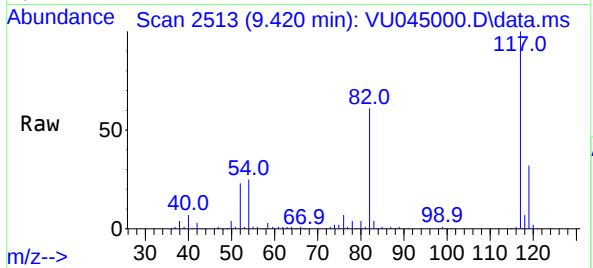




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045000.D
Acq: 29 Sep 2021 18:02

Instrument :
MSVOA_U
ClientSampleId :
TB-9-24-21

Tgt Ion:117 Resp: 357112
Ion Ratio Lower Upper
117 100
82 61.1 47.8 71.8
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU045000.D
Acq: 29 Sep 2021 18:02

Tgt Ion:152 Resp: 166106
Ion Ratio Lower Upper
152 100
115 61.7 43.5 130.7
150 157.9 0.0 350.0

