

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
 Data File : VU045046.D
 Acq On : 30 Sep 2021 14:53
 Operator : SY/MD
 Sample : M3966-06
 Misc : 10.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S-833-K2-SO-12-14-092721

Quant Time: Oct 01 05:39:35 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	5.372	168	211773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	389030	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	364717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	163692	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	174550	49.515	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.020%
35) Dibromofluoromethane	5.292	113	117740	47.976	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.960%
50) Toluene-d8	7.902	98	490482	50.582	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.160%
62) 4-Bromofluorobenzene	10.642	95	182558	45.602	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.200%

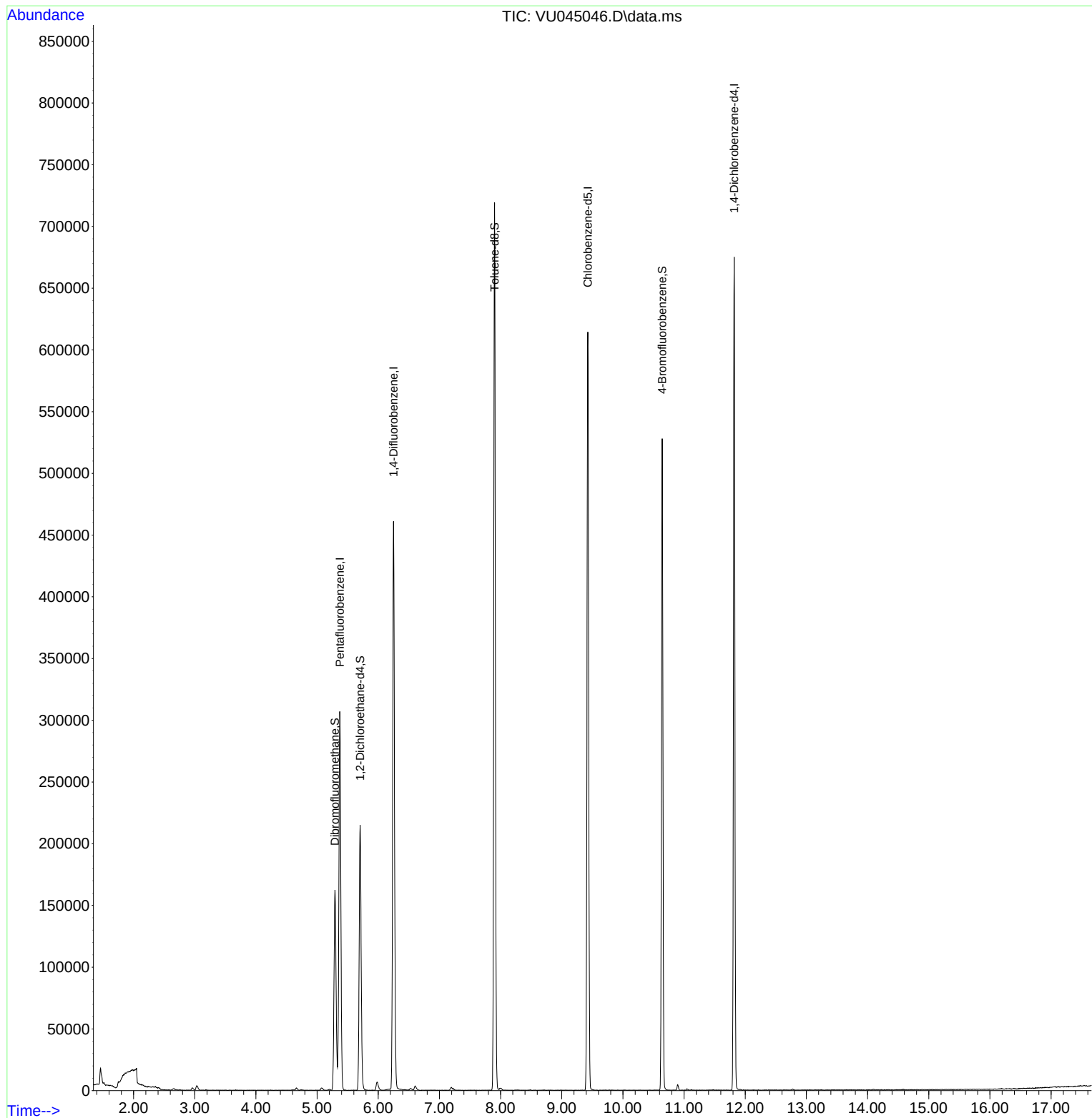
Target Compounds	Qvalue

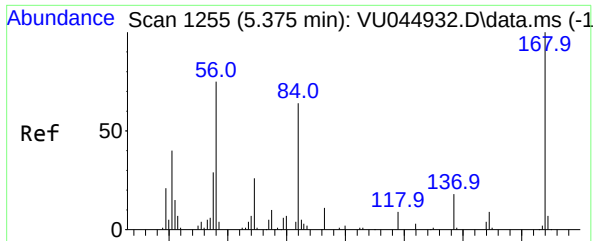
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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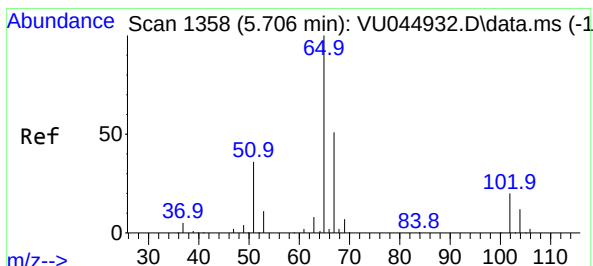
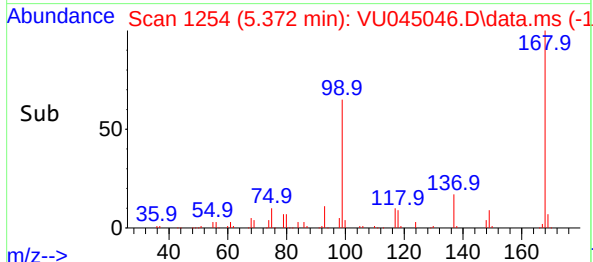
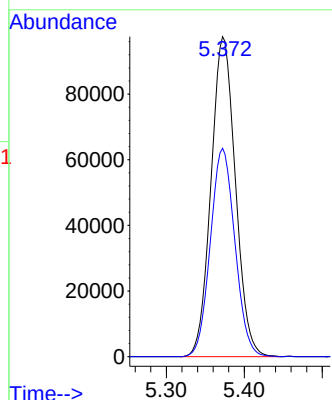
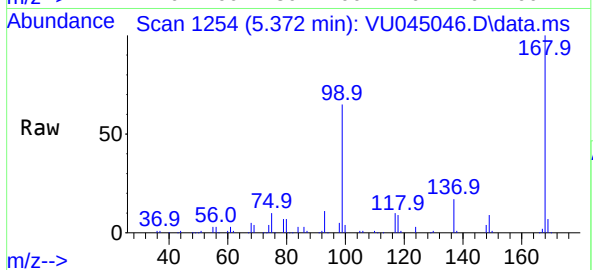




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.003 min
Lab File: VU045046.D
Acq: 30 Sep 2021 14:53

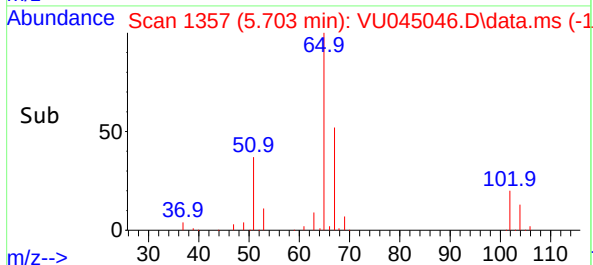
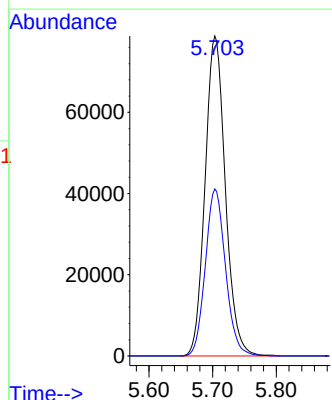
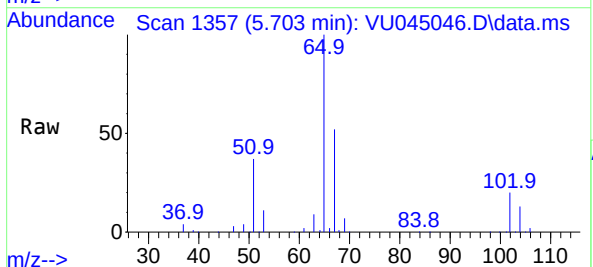
Instrument :
MSVOA_U
ClientSampleId :
S-833-K2-SO-12-14-092721

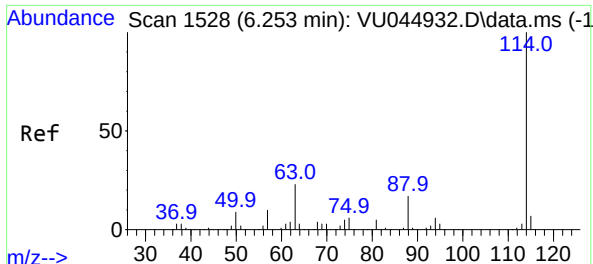
Tgt Ion:168 Resp: 211773
Ion Ratio Lower Upper
168 100
99 65.2 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 49.515 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU045046.D
Acq: 30 Sep 2021 14:53

Tgt Ion: 65 Resp: 174550
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8



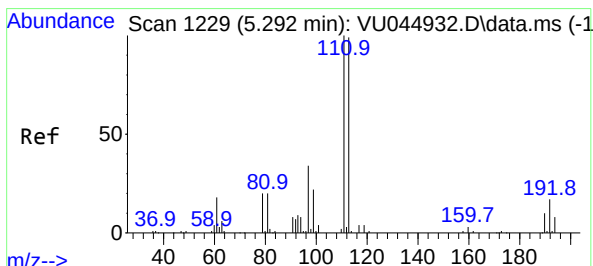
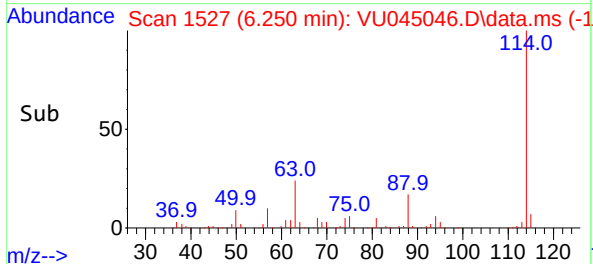
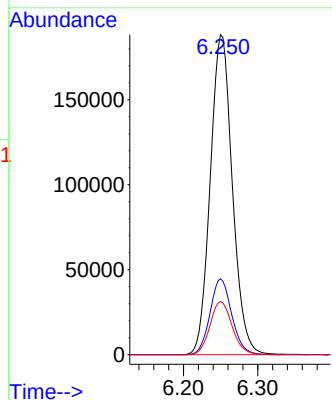
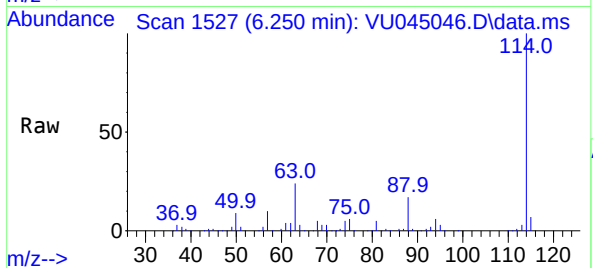


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.003 min
Lab File: VU045046.D
Acq: 30 Sep 2021 14:53

Instrument :
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S-833-K2-SO-12-14-092721

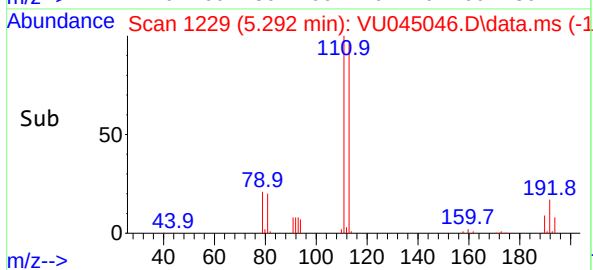
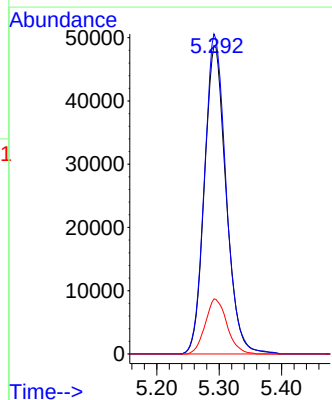
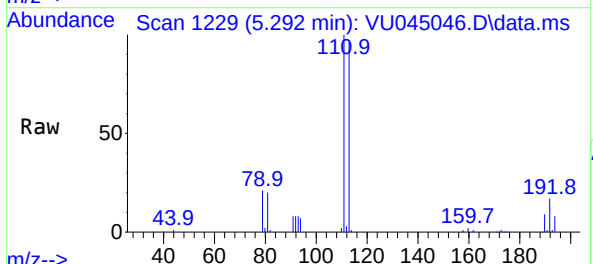
Tgt Ion:114 Resp: 389030
Ion Ratio Lower Upper
114 100
63 23.7 0.0 47.8
88 16.6 0.0 32.8

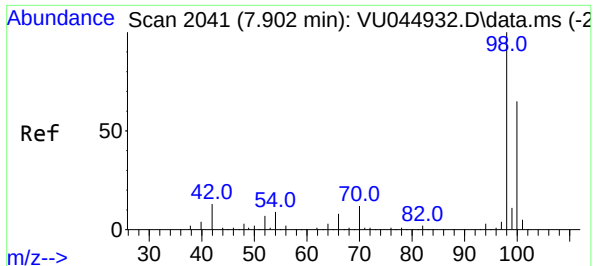


#35

Dibromofluoromethane
Concen: 47.976 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045046.D
Acq: 30 Sep 2021 14:53

Tgt Ion:113 Resp: 117740
Ion Ratio Lower Upper
113 100
111 103.3 84.1 126.1
192 17.9 14.8 22.2

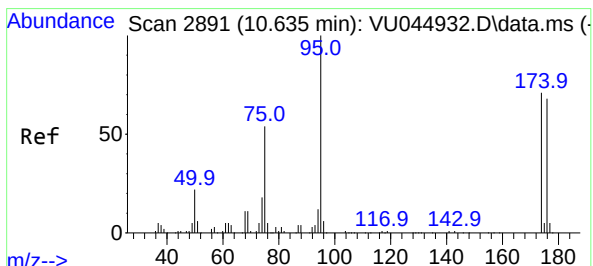
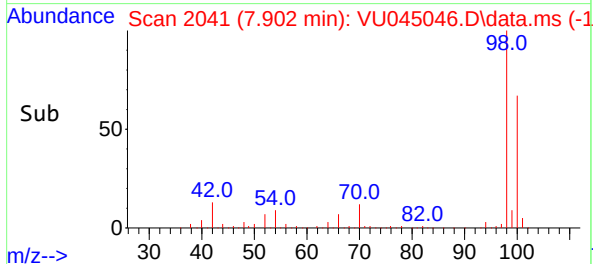
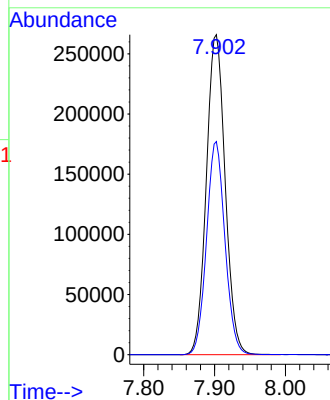
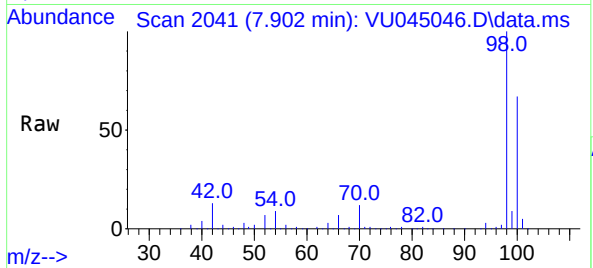




#50
Toluene-d8
Concen: 50.582 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045046.D
Acq: 30 Sep 2021 14:53

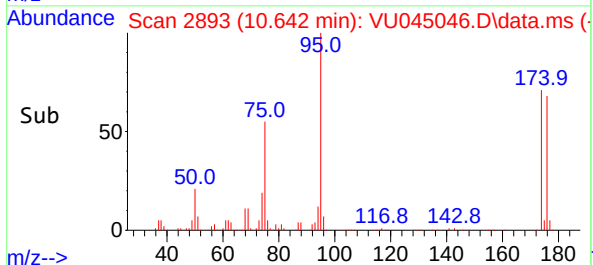
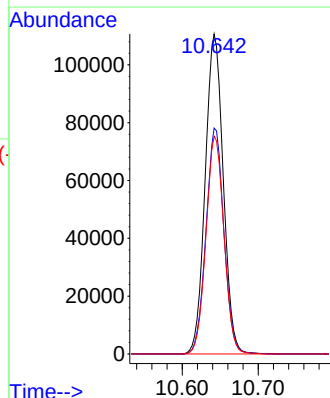
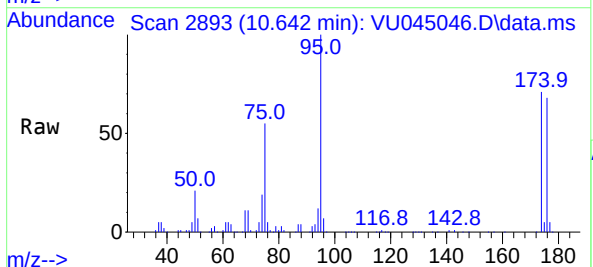
Instrument :
MSVOA_U
ClientSampleId :
S-833-K2-SO-12-14-092721

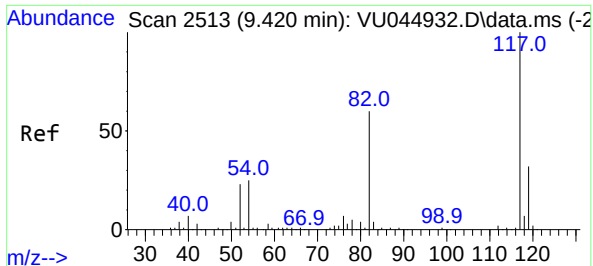
Tgt Ion: 98 Resp: 490482
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 45.602 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.007 min
Lab File: VU045046.D
Acq: 30 Sep 2021 14:53

Tgt Ion: 95 Resp: 182558
Ion Ratio Lower Upper
95 100
174 70.1 0.0 146.6
176 67.6 0.0 141.2

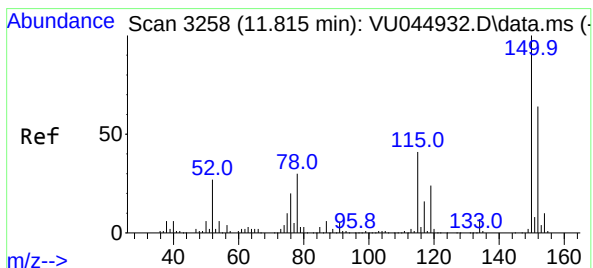
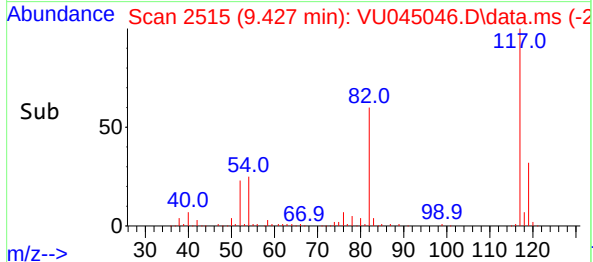
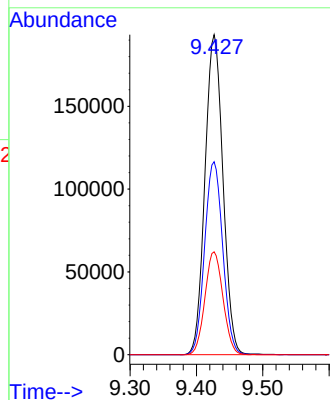
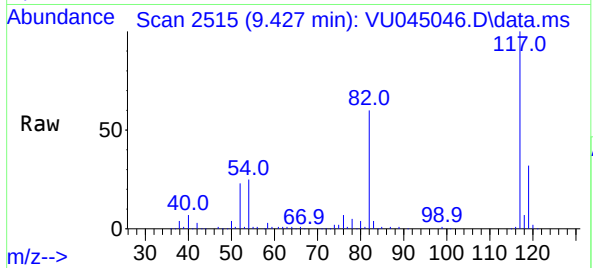




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.427 min Scan# 2515
Delta R.T. 0.007 min
Lab File: VU045046.D
Acq: 30 Sep 2021 14:53

Instrument :
MSVOA_U
ClientSampleId :
S-833-K2-SO-12-14-092721

Tgt Ion:117 Resp: 364717
Ion Ratio Lower Upper
117 100
82 60.3 47.8 71.8
119 32.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.004 min
Lab File: VU045046.D
Acq: 30 Sep 2021 14:53

Tgt Ion:152 Resp: 163692
Ion Ratio Lower Upper
152 100
115 61.7 43.5 130.7
150 155.5 0.0 350.0

