

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049456.D
 Acq On : 28 Jun 2022 14:23
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: Jun 29 05:21:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	289089	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	499947	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	445711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	208277	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	192361	43.206	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.420%
35) Dibromofluoromethane	5.288	113	152077	43.478	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.960%
50) Toluene-d8	7.896	98	601428	48.208	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.420%
62) 4-Bromofluorobenzene	10.632	95	218444	45.709	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.420%

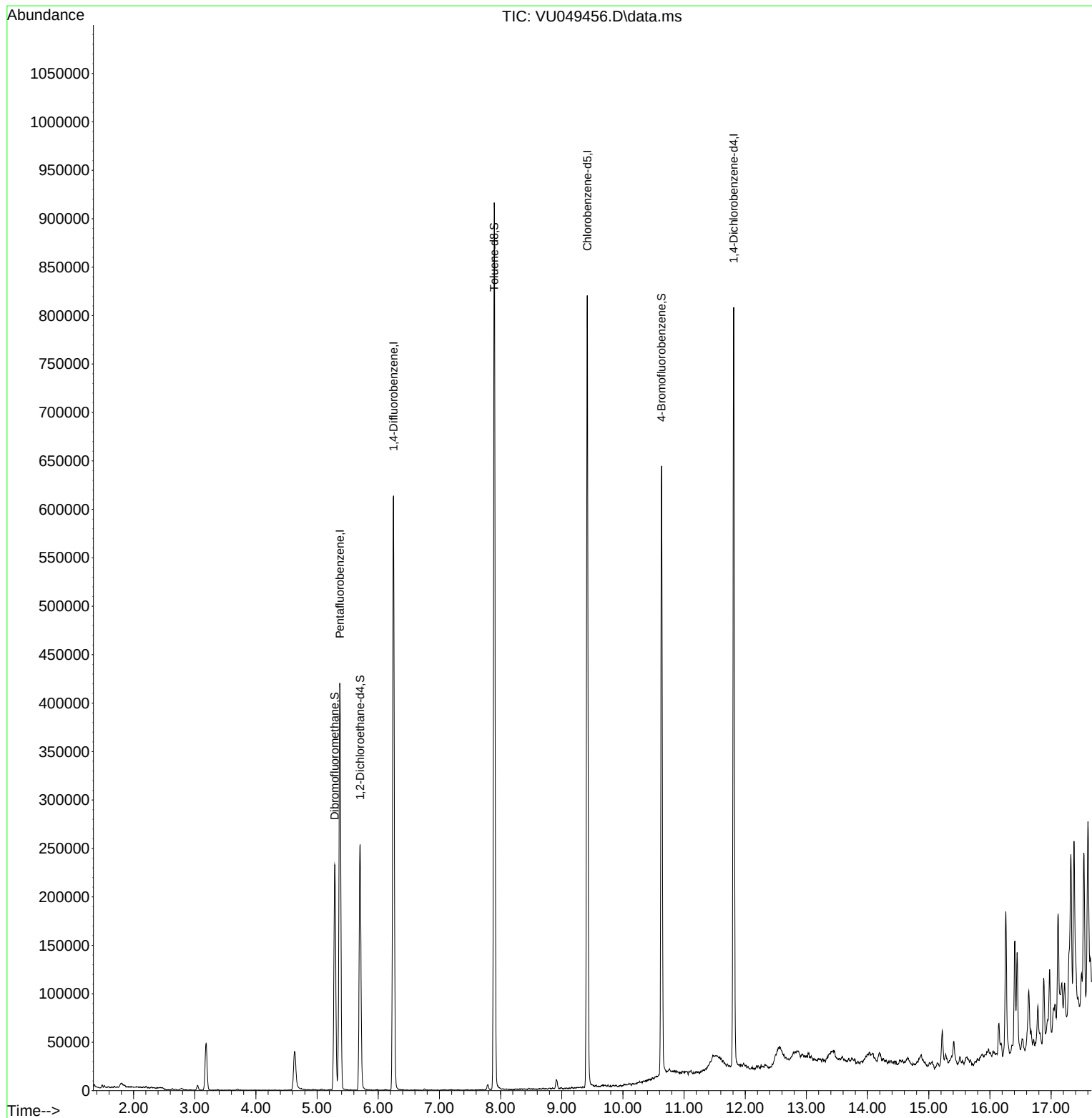
Target Compounds	Qvalue

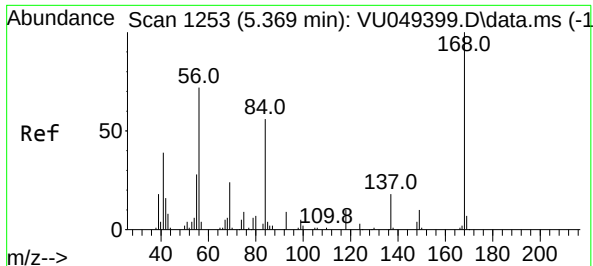
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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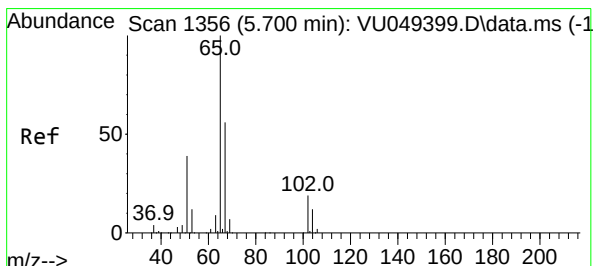
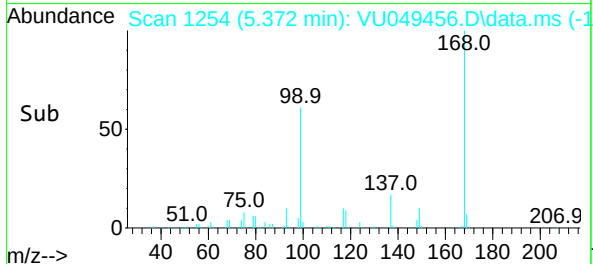
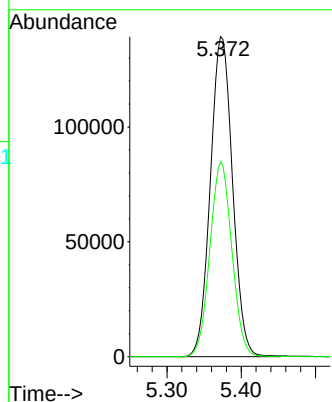
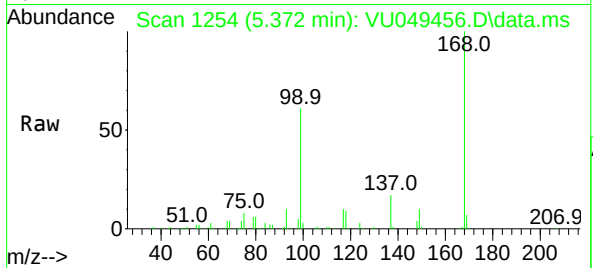




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049456.D
Acq: 28 Jun 2022 14:23

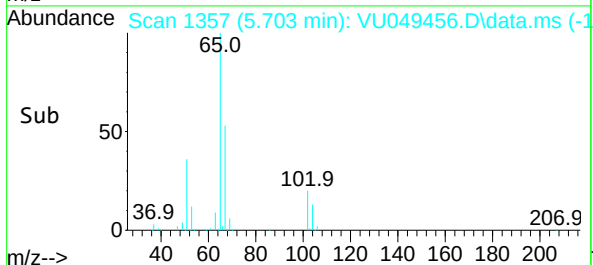
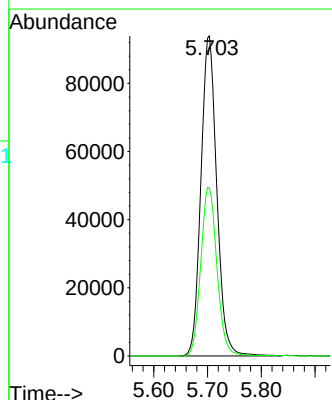
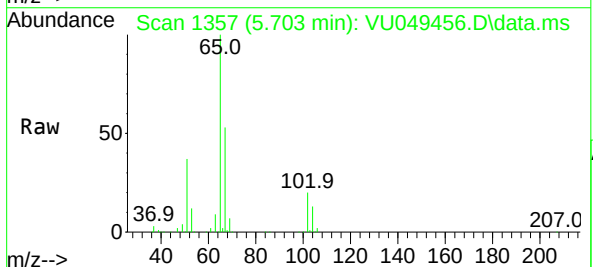
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

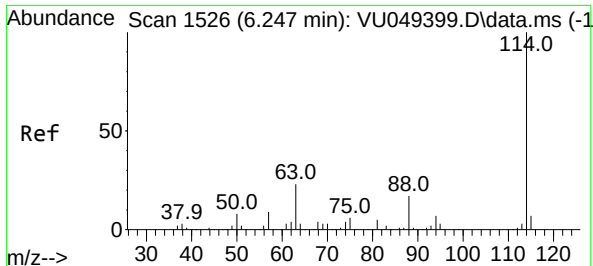
Tgt Ion:168 Resp: 289089
Ion Ratio Lower Upper
168 100
99 60.9 39.3 58.9#



#33
1,2-Dichloroethane-d4
Concen: 43.206 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.003 min
Lab File: VU049456.D
Acq: 28 Jun 2022 14:23

Tgt Ion: 65 Resp: 192361
Ion Ratio Lower Upper
65 100
67 53.4 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049456.D

Acq: 28 Jun 2022 14:23

Instrument :

MSVOA_U

ClientSampleId :

VIBLK

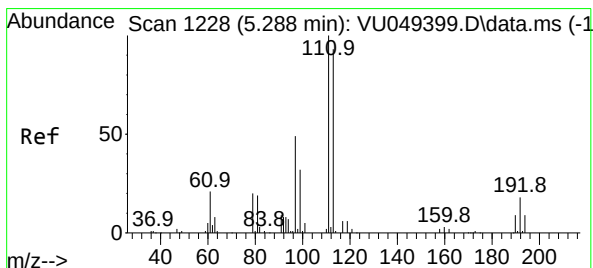
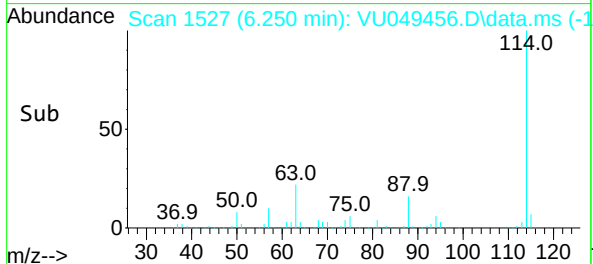
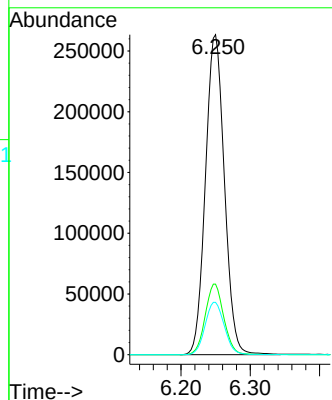
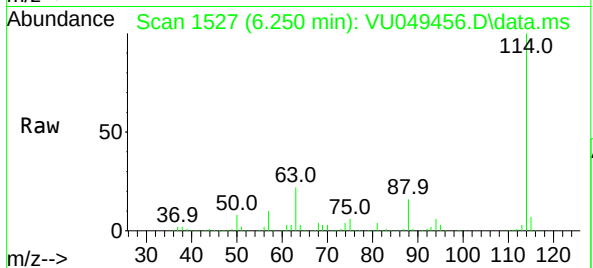
Tgt Ion:114 Resp: 499947

Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.8

88 16.4 0.0 29.2



#35

Dibromofluoromethane

Concen: 43.478 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049456.D

Acq: 28 Jun 2022 14:23

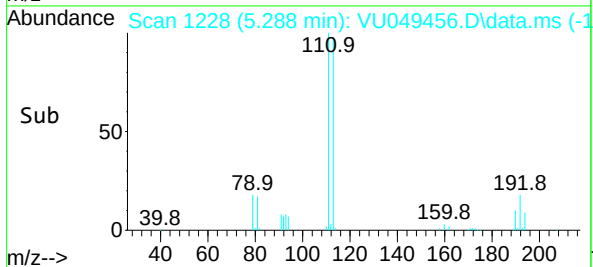
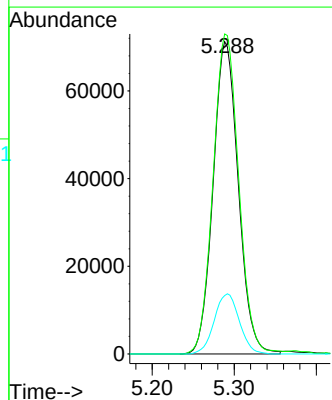
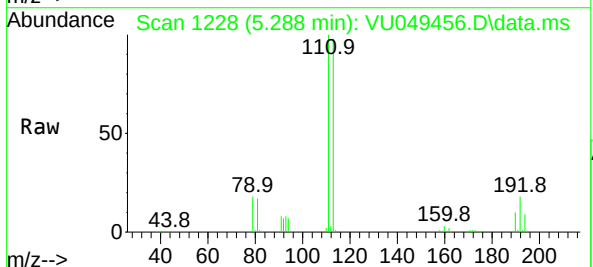
Tgt Ion:113 Resp: 152077

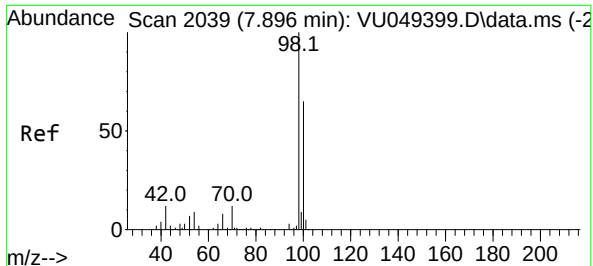
Ion Ratio Lower Upper

113 100

111 104.4 82.1 123.1

192 19.2 18.0 27.0

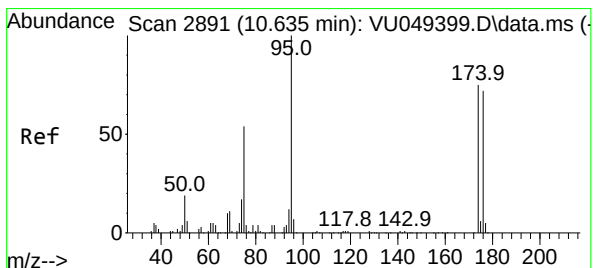
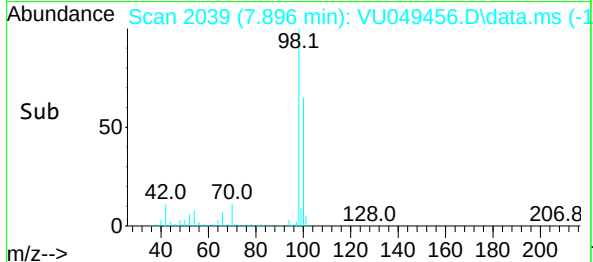
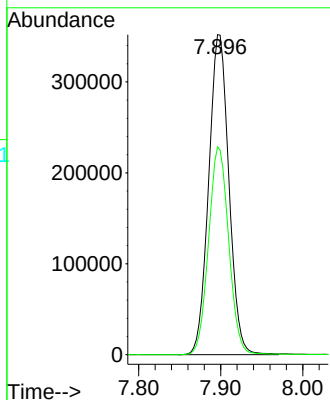
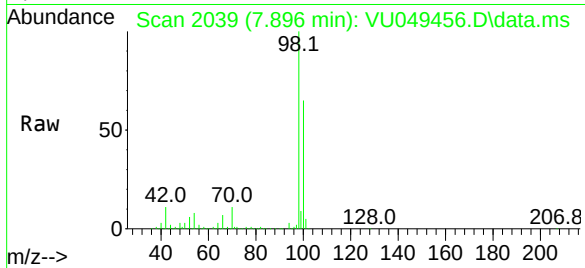




#50
Toluene-d8
Concen: 48.208 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049456.D
Acq: 28 Jun 2022 14:23

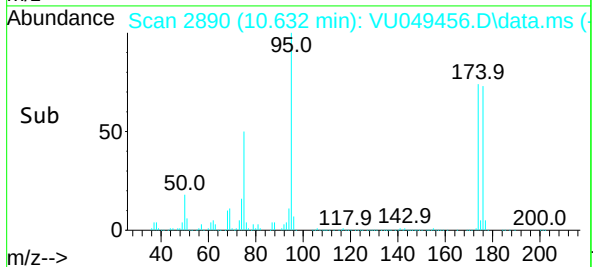
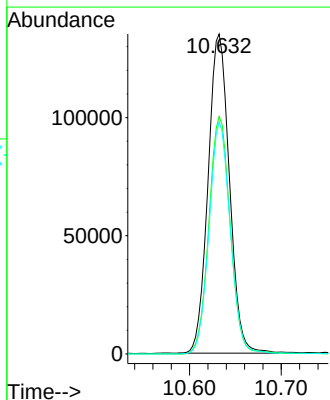
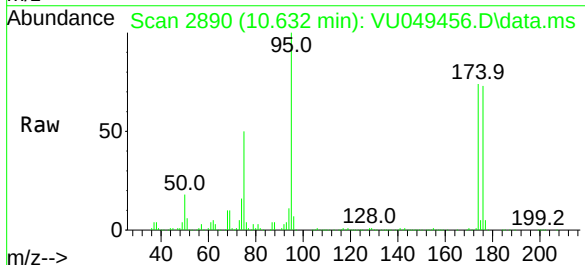
Instrument :
MSVOA_U
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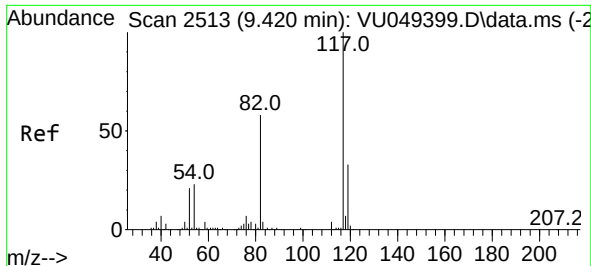
Tgt Ion: 98 Resp: 601428
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.709 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049456.D
Acq: 28 Jun 2022 14:23

Tgt Ion: 95 Resp: 218444
Ion Ratio Lower Upper
95 100
174 74.5 0.0 182.0
176 72.0 0.0 177.8

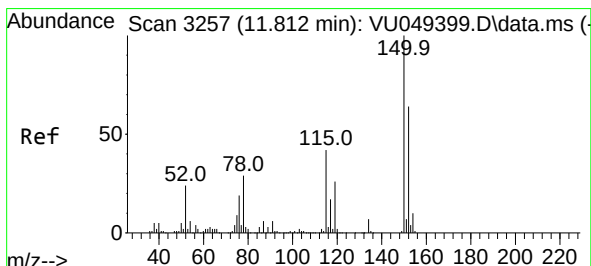
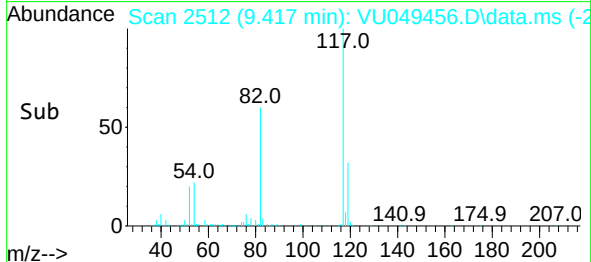
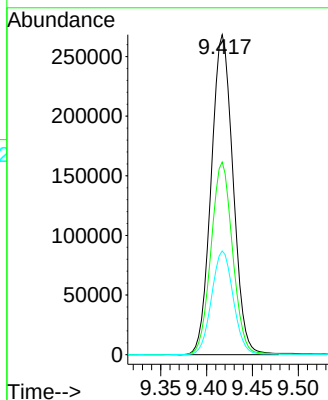
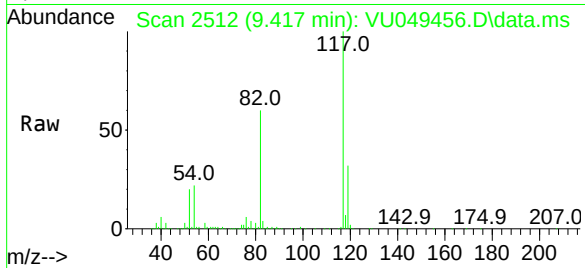




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049456.D
Acq: 28 Jun 2022 14:23

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 445711
Ion Ratio Lower Upper
117 100
82 60.2 41.7 62.5
119 32.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049456.D
Acq: 28 Jun 2022 14:23

Tgt Ion:152 Resp: 208277
Ion Ratio Lower Upper
152 100
115 61.0 37.0 110.9
150 156.6 0.0 342.2

