

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049480.D
 Acq On : 29 Jun 2022 00:13
 Operator : SY/MD
 Sample : N3457-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB01-20220616

Quant Time: Jun 29 05:24:31 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	302780	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	526586	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	468642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	214841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	201753	43.267	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.540%
35) Dibromofluoromethane	5.288	113	165353	44.883	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.760%
50) Toluene-d8	7.896	98	626777	47.699	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.400%
62) 4-Bromofluorobenzene	10.632	95	222205	44.144	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.280%

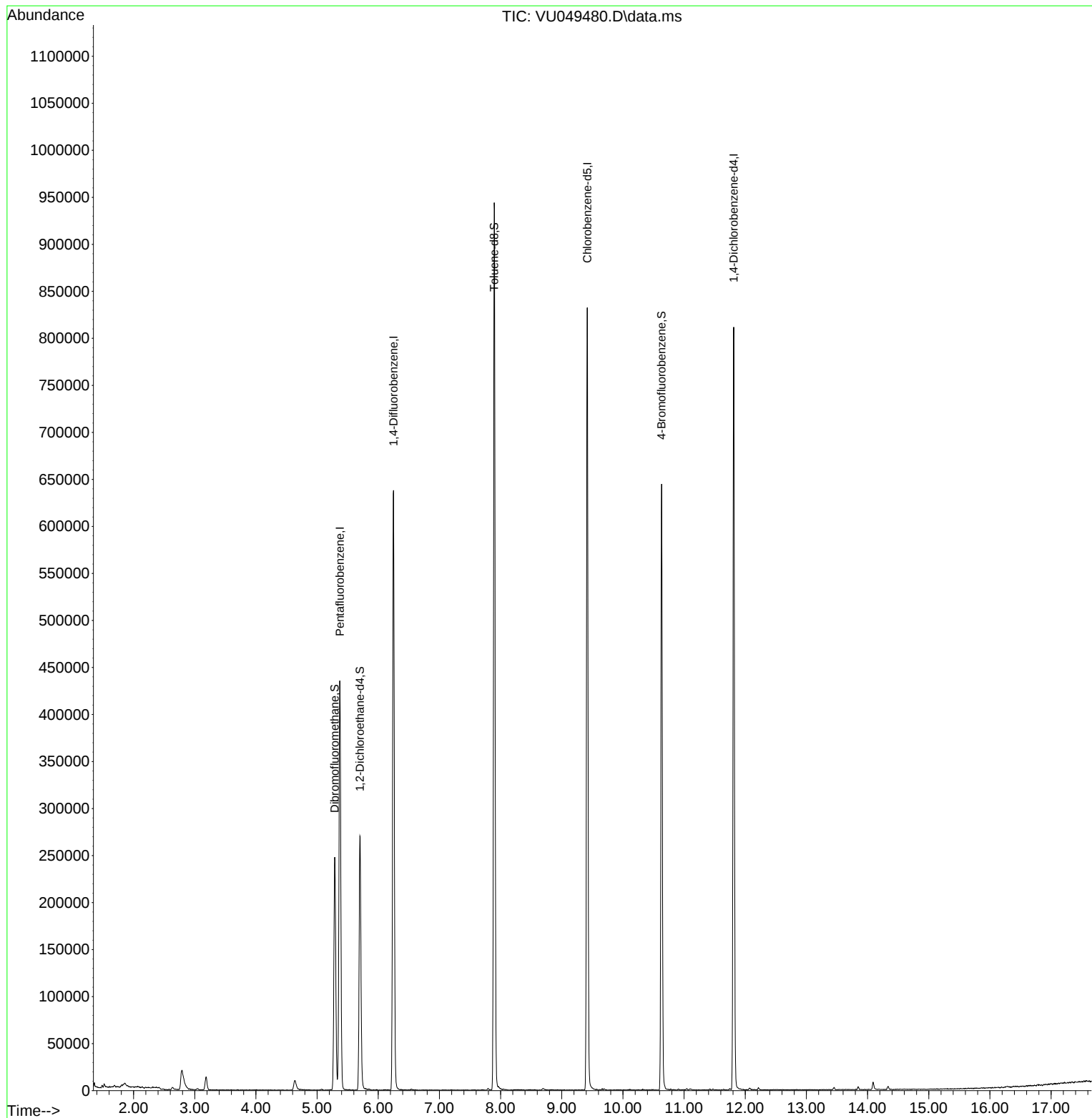
Target Compounds	Qvalue

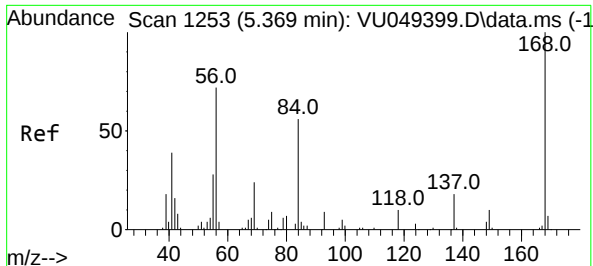
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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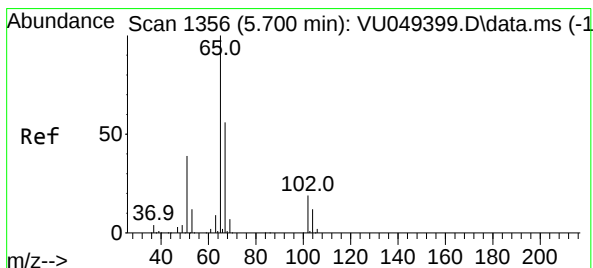
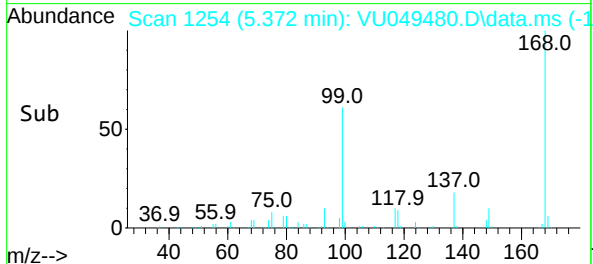
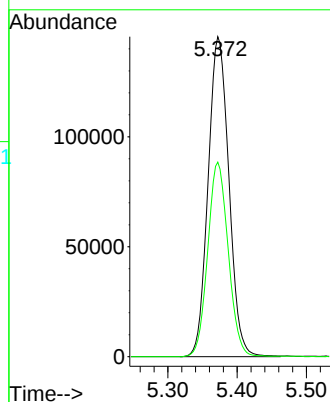
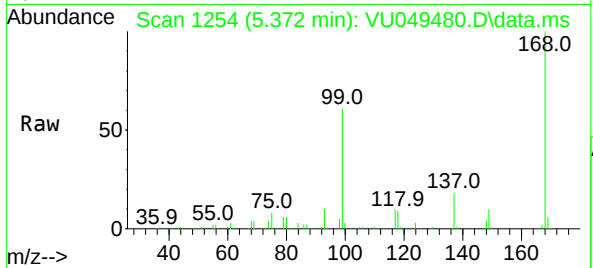




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049480.D
Acq: 29 Jun 2022 00:13

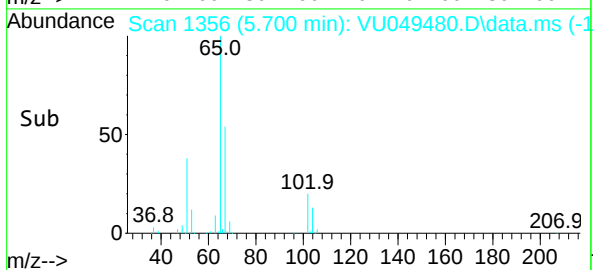
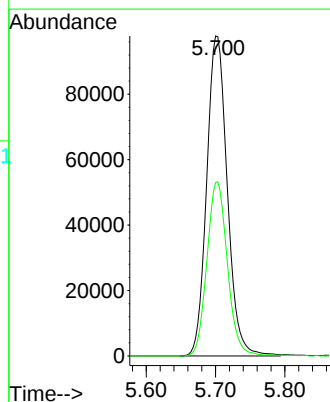
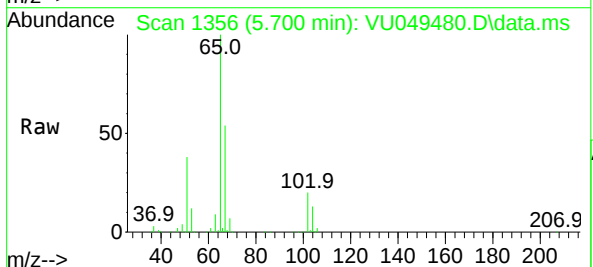
Instrument :
MSVOA_U
ClientSampleId :
TB01-20220616

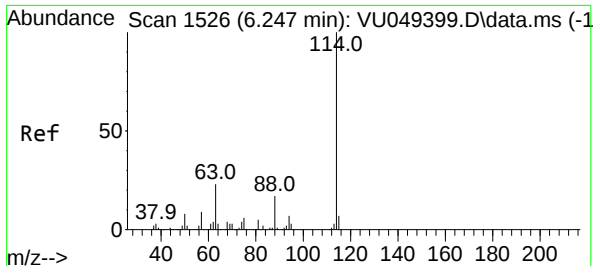
Tgt Ion:168 Resp: 302780
Ion Ratio Lower Upper
168 100
99 60.8 39.3 58.9#



#33
1,2-Dichloroethane-d4
Concen: 43.267 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. 0.000 min
Lab File: VU049480.D
Acq: 29 Jun 2022 00:13

Tgt Ion: 65 Resp: 201753
Ion Ratio Lower Upper
65 100
67 54.0 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: VU049480.D

Acq: 29 Jun 2022 00:13

Instrument :

MSVOA_U

ClientSampleId :

TB01-20220616

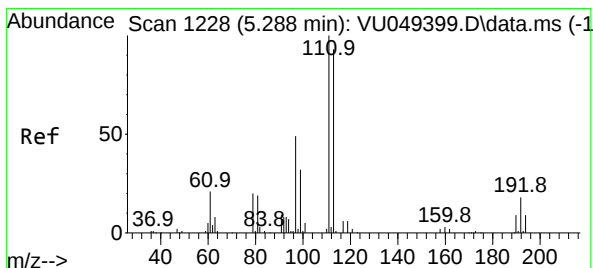
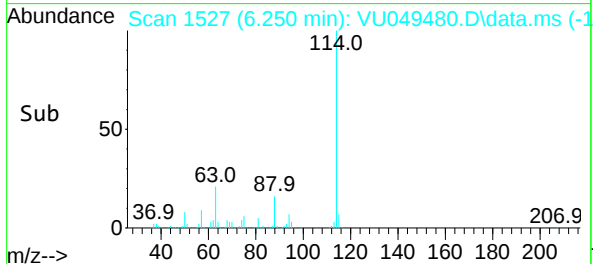
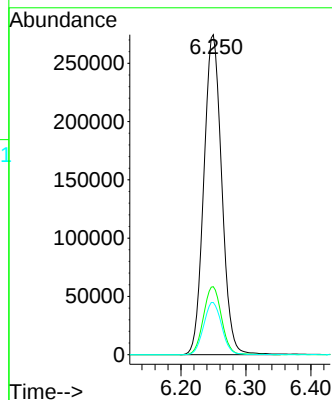
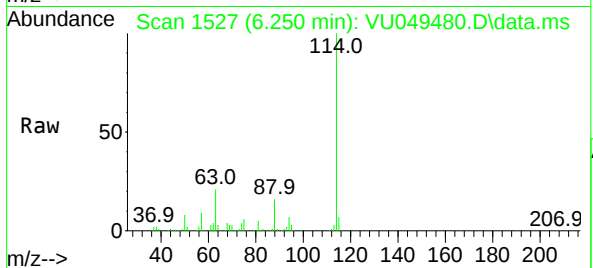
Tgt Ion:114 Resp: 526586

Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.8

88 16.3 0.0 29.2



#35

Dibromofluoromethane

Concen: 44.883 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049480.D

Acq: 29 Jun 2022 00:13

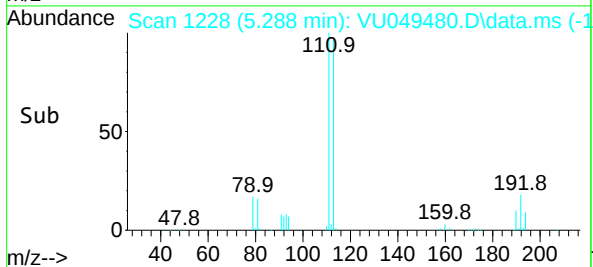
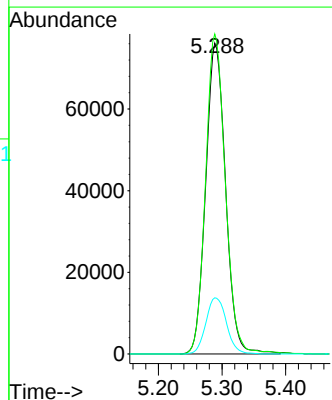
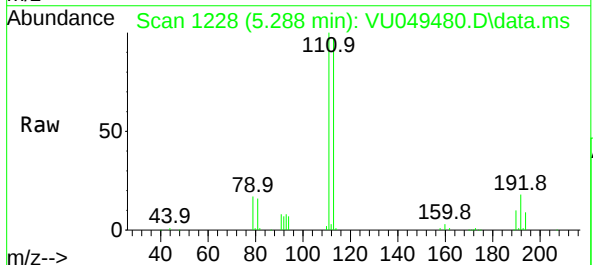
Tgt Ion:113 Resp: 165353

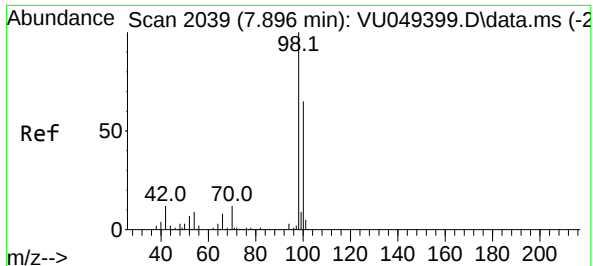
Ion Ratio Lower Upper

113 100

111 101.8 82.1 123.1

192 18.8 18.0 27.0

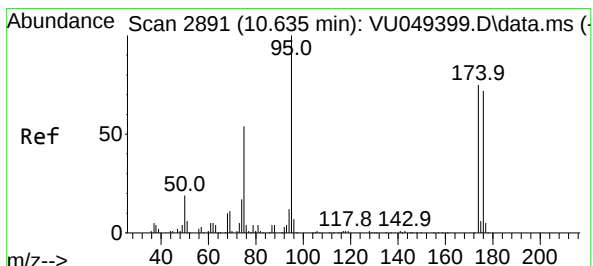
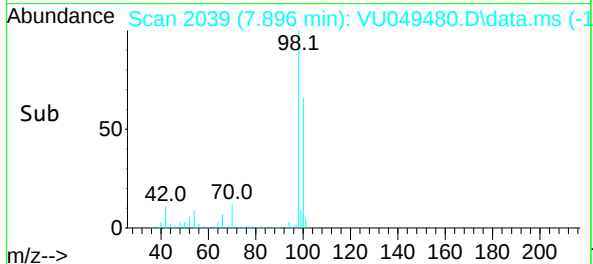
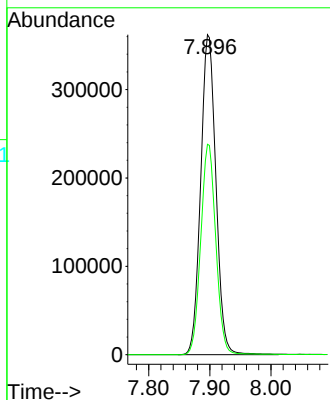
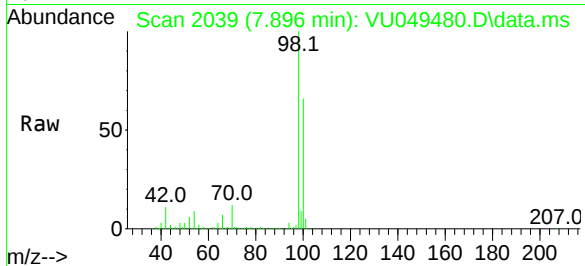




#50
Toluene-d8
Concen: 47.699 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049480.D
Acq: 29 Jun 2022 00:13

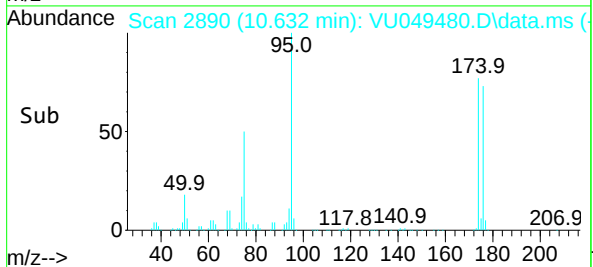
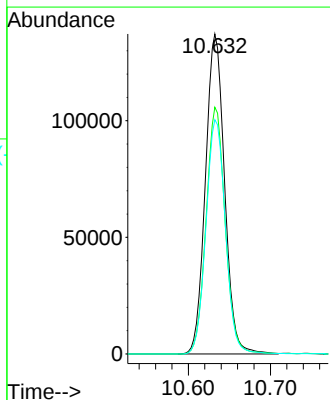
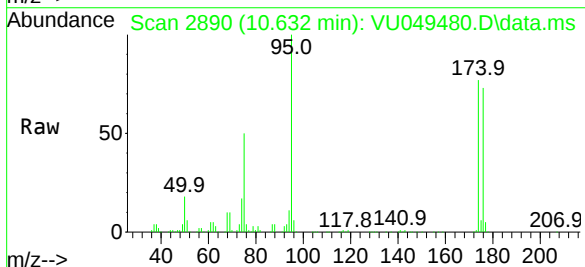
Instrument :
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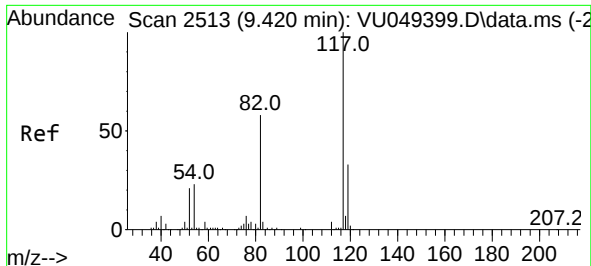
Tgt Ion: 98 Resp: 626777
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.144 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049480.D
Acq: 29 Jun 2022 00:13

Tgt Ion: 95 Resp: 222205
Ion Ratio Lower Upper
95 100
174 77.0 0.0 182.0
176 74.4 0.0 177.8

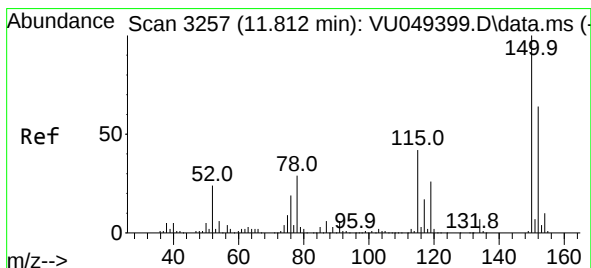
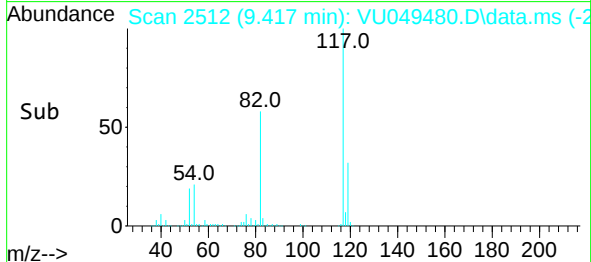
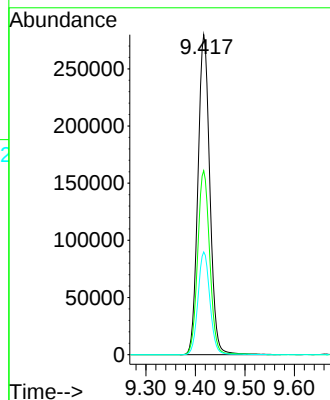
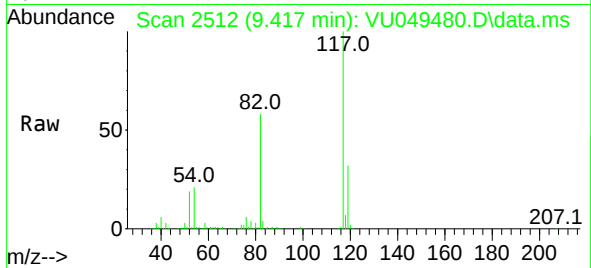




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049480.D
Acq: 29 Jun 2022 00:13

Instrument :
MSVOA_U
ClientSampleId :
TB01-20220616

Tgt Ion:117 Resp: 468642
Ion Ratio Lower Upper
117 100
82 57.5 41.7 62.5
119 32.1 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: VU049480.D
Acq: 29 Jun 2022 00:13

Tgt Ion:152 Resp: 214841
Ion Ratio Lower Upper
152 100
115 60.9 37.0 110.9
150 156.0 0.0 342.2

