

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063022\
 Data File : VU049554.D
 Acq On : 30 Jun 2022 11:21
 Operator : SY/MD
 Sample : VU0630WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBL01

Quant Time: Jul 01 05:23:46 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	266175	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	471262	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	426282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	198144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	184647	45.044	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.080%
35) Dibromofluoromethane	5.289	113	148558	45.058	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.120%
50) Toluene-d8	7.896	98	564848	48.032	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.060%
62) 4-Bromofluorobenzene	10.632	95	206721	45.889	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.780%

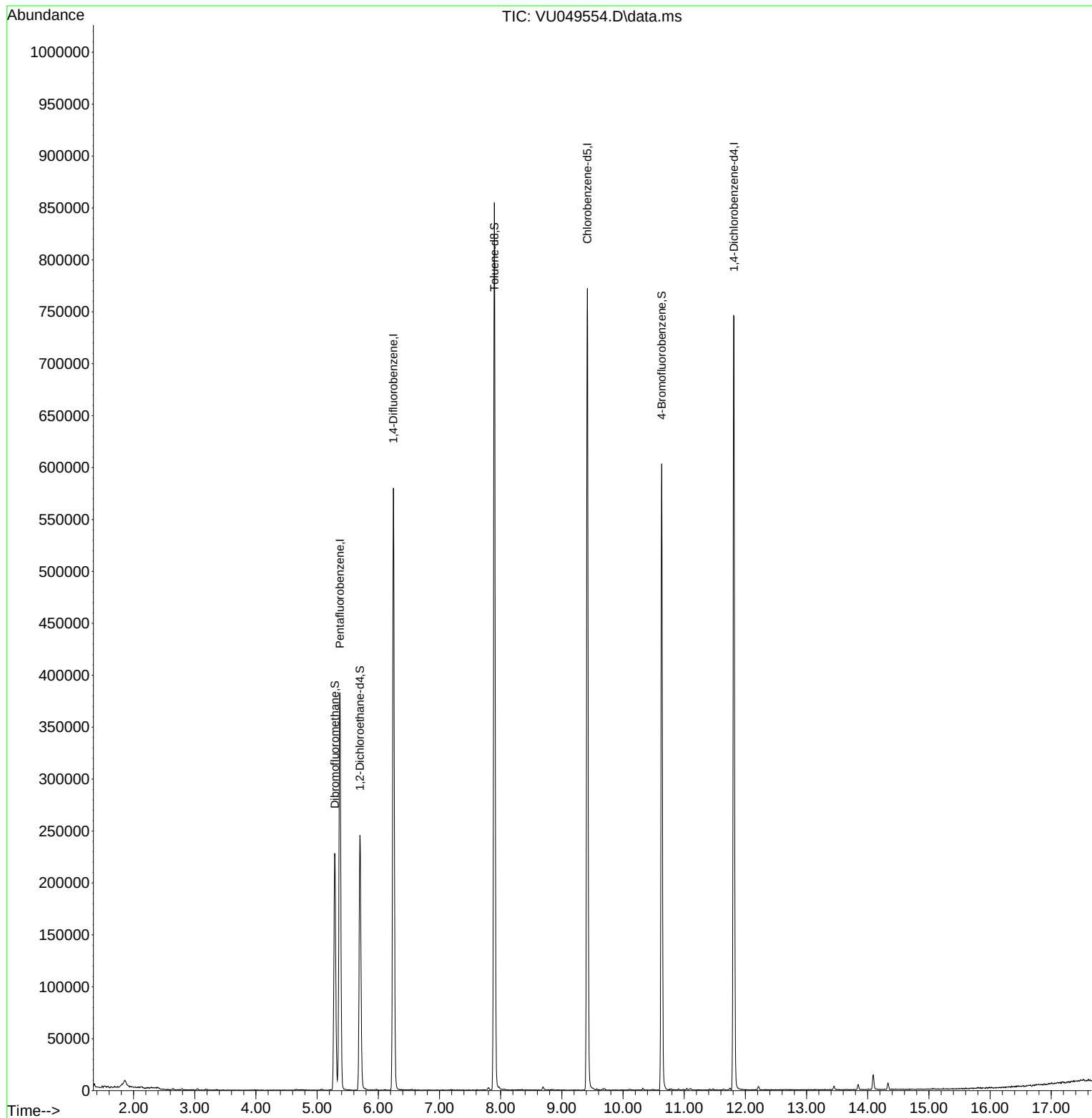
Target Compounds	Qvalue

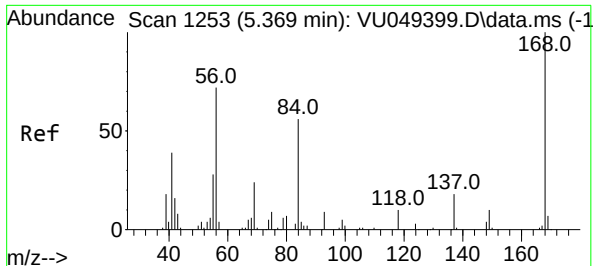
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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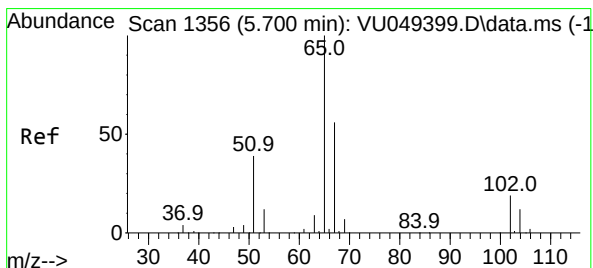
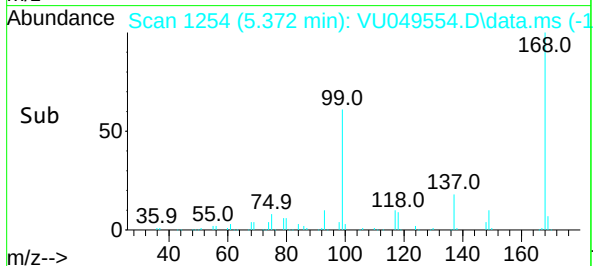
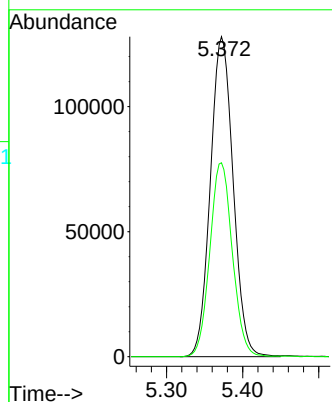
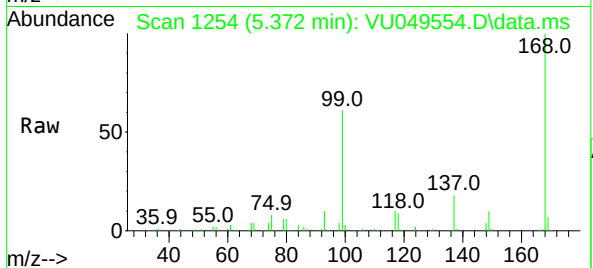




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. 0.003 min
Lab File: VU049554.D
Acq: 30 Jun 2022 11:21

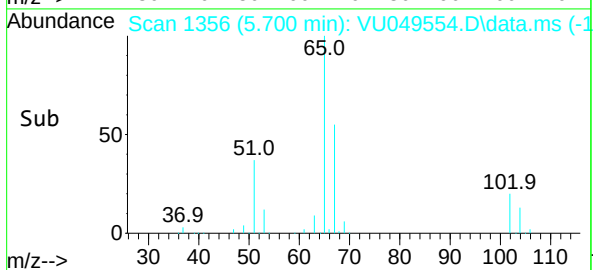
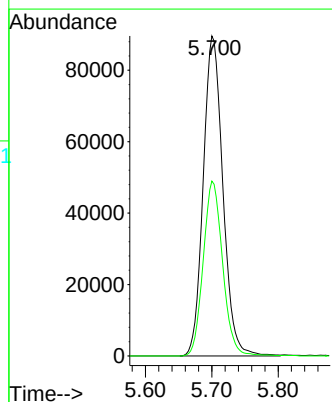
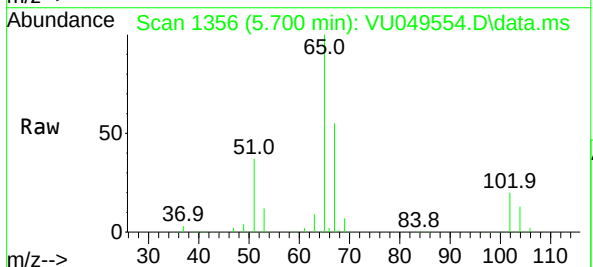
Instrument :
MSVOA_U
ClientSampleId :
VU0630WBL01

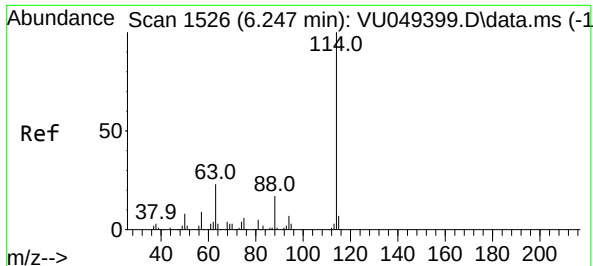
Tgt Ion:168 Resp: 266175
Ion Ratio Lower Upper
168 100
99 60.6 39.3 58.9#



#33
1,2-Dichloroethane-d4
Concen: 45.044 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. 0.000 min
Lab File: VU049554.D
Acq: 30 Jun 2022 11:21

Tgt Ion: 65 Resp: 184647
Ion Ratio Lower Upper
65 100
67 53.9 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049554.D

Acq: 30 Jun 2022 11:21

Instrument :

MSVOA_U

ClientSampleId :

VU0630WBL01

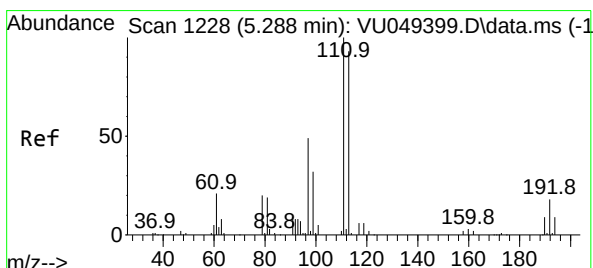
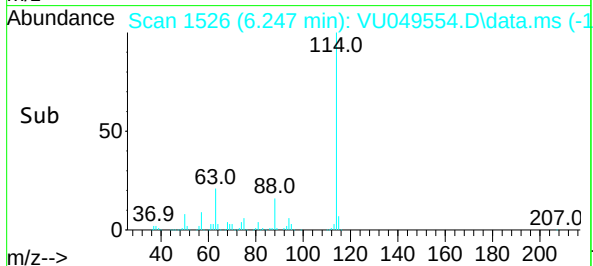
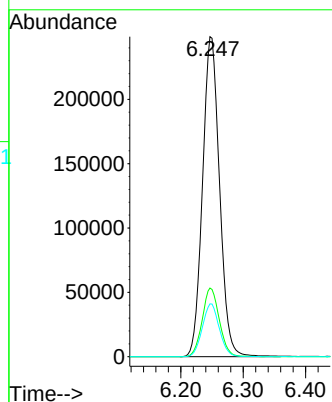
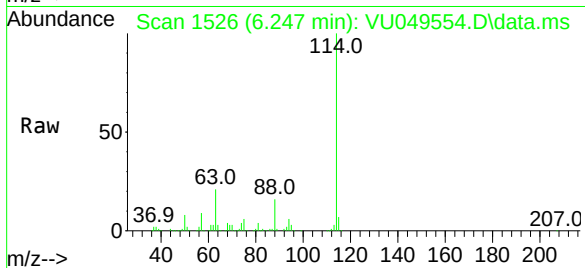
Tgt Ion:114 Resp: 471262

Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.8

88 16.5 0.0 29.2



#35

Dibromofluoromethane

Concen: 45.058 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049554.D

Acq: 30 Jun 2022 11:21

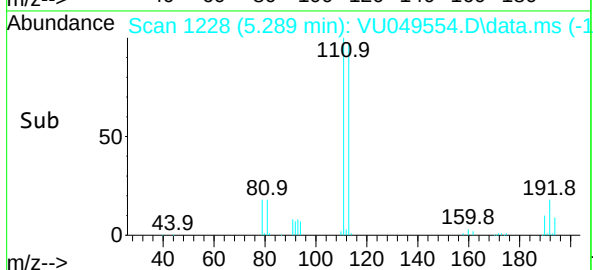
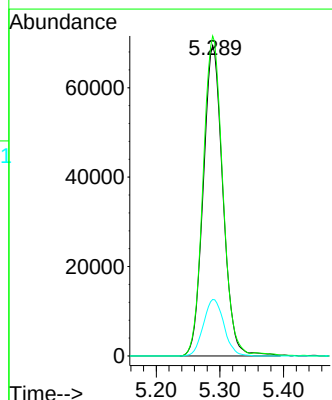
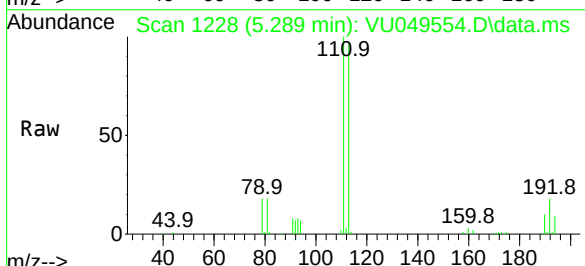
Tgt Ion:113 Resp: 148558

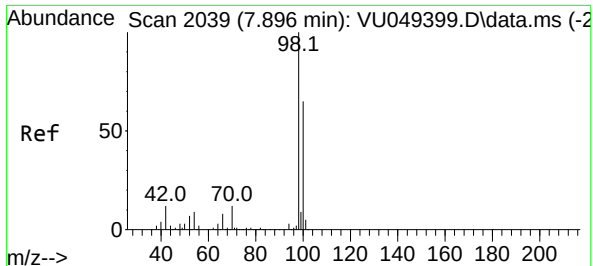
Ion Ratio Lower Upper

113 100

111 103.1 82.1 123.1

192 19.1 18.0 27.0





#50

Toluene-d8

Concen: 48.032 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049554.D

Acq: 30 Jun 2022 11:21

Instrument :

MSVOA_U

ClientSampleId :

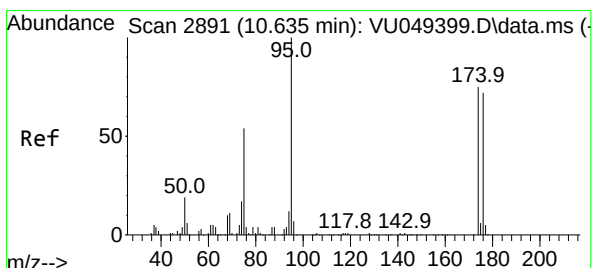
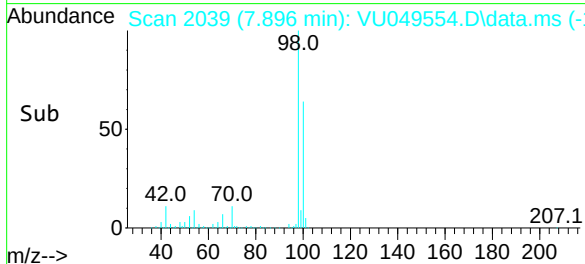
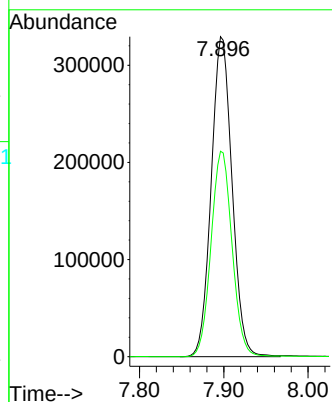
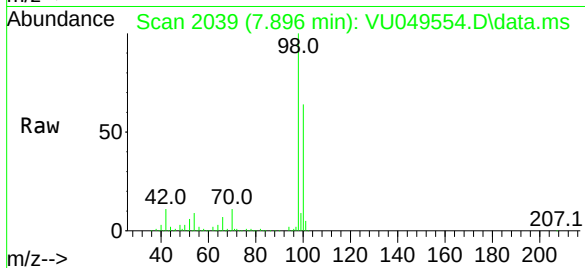
VU0630WBL01

Tgt Ion: 98 Resp: 564848

Ion Ratio Lower Upper

98 100

100 65.0 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 45.889 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. -0.003 min

Lab File: VU049554.D

Acq: 30 Jun 2022 11:21

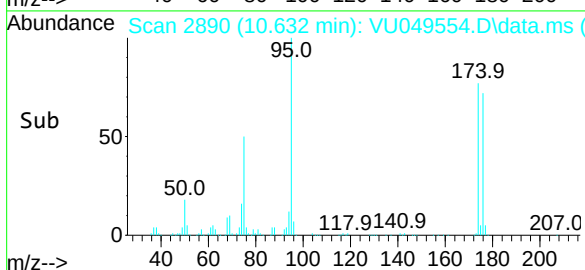
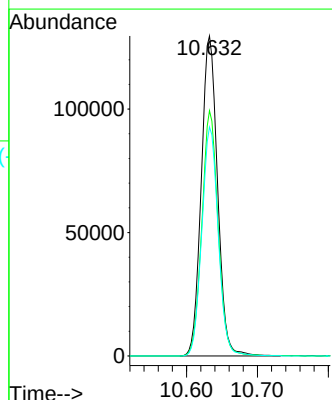
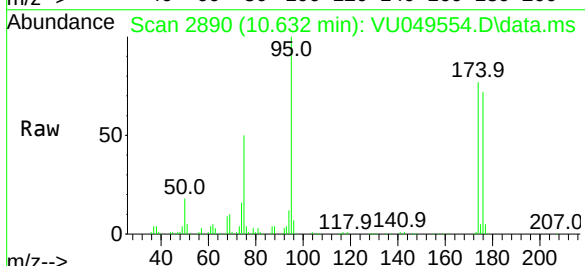
Tgt Ion: 95 Resp: 206721

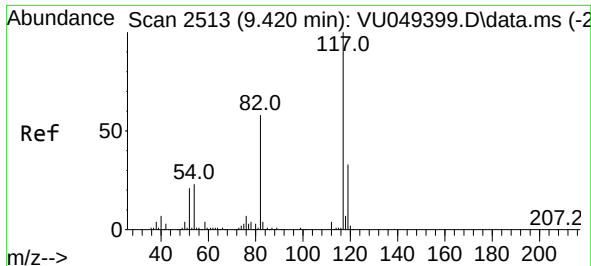
Ion Ratio Lower Upper

95 100

174 76.3 0.0 182.0

176 72.0 0.0 177.8

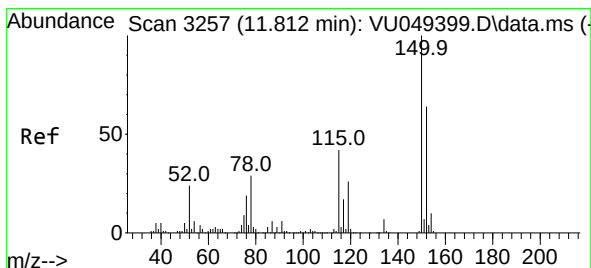
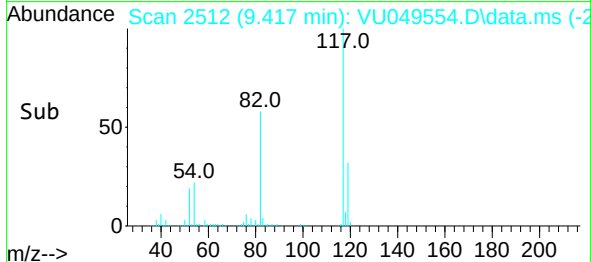
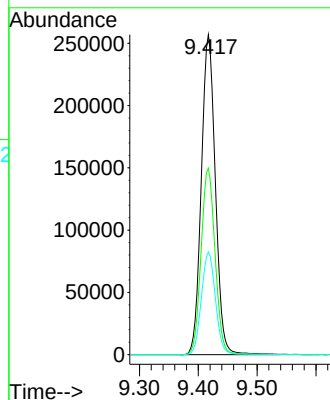
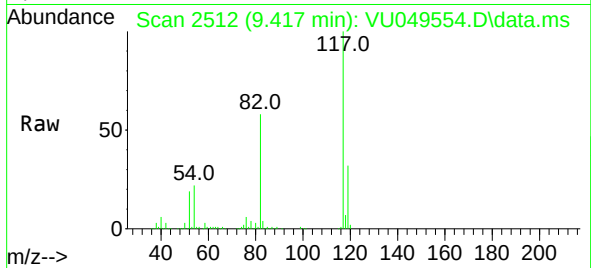




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049554.D
Acq: 30 Jun 2022 11:21

Instrument :
MSVOA_U
ClientSampleId :
VU0630WBL01

Tgt Ion:117 Resp: 426282
Ion Ratio Lower Upper
117 100
82 58.3 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: VU049554.D
Acq: 30 Jun 2022 11:21

Tgt Ion:152 Resp: 198144
Ion Ratio Lower Upper
152 100
115 60.5 37.0 110.9
150 155.9 0.0 342.2

