

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049508.D
 Acq On : 29 Jun 2022 13:26
 Operator : SY/MD
 Sample : N3482-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB062322

Quant Time: Jun 30 00:48:24 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	274861	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	478230	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	432747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	194272	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	186955	44.166	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.340%
35) Dibromofluoromethane	5.289	113	151808	45.372	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.740%
50) Toluene-d8	7.896	98	577610	48.402	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.800%
62) 4-Bromofluorobenzene	10.632	95	203096	44.428	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.860%

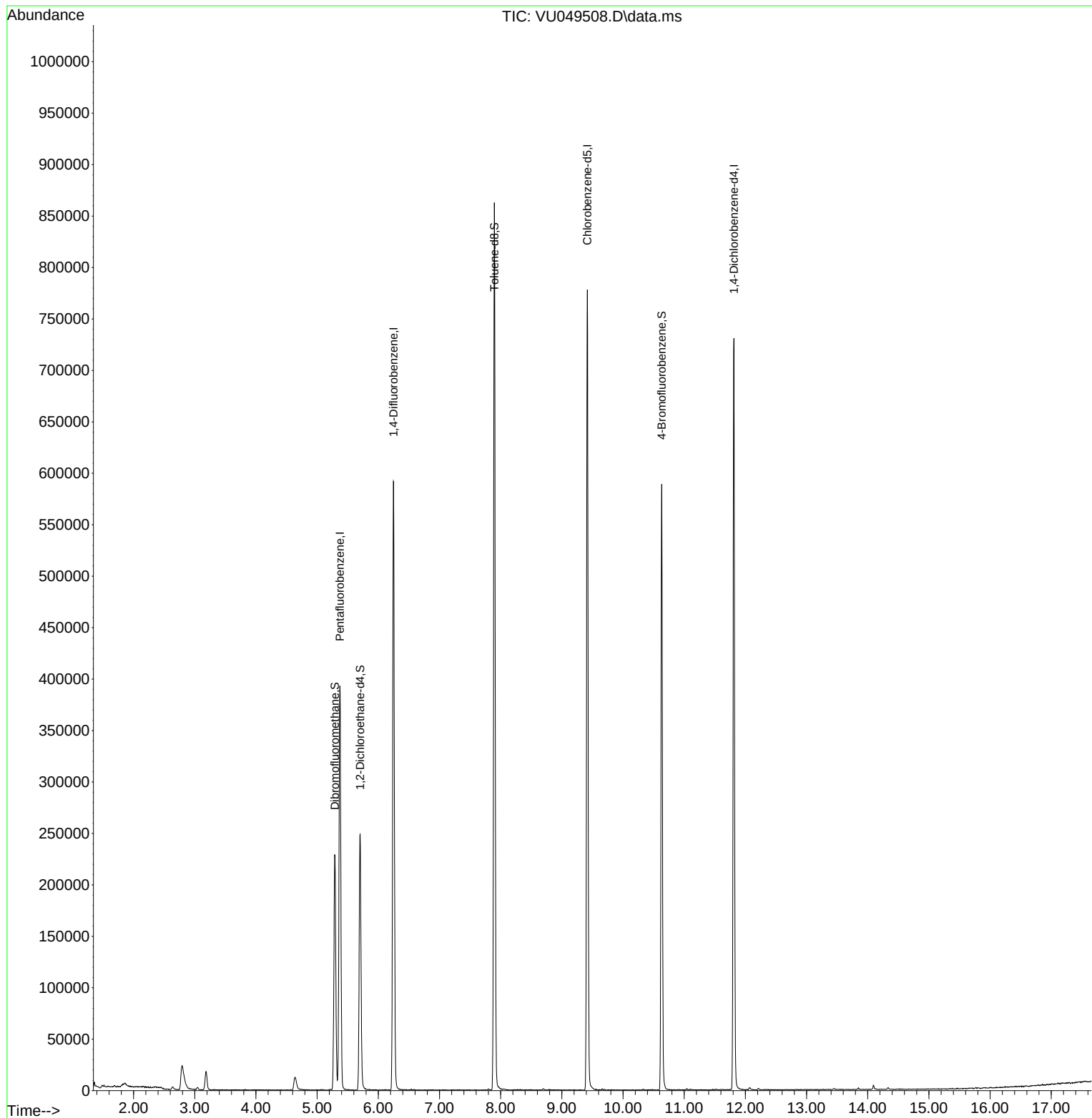
Target Compounds	Qvalue

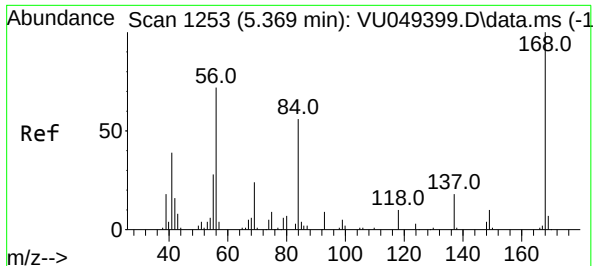
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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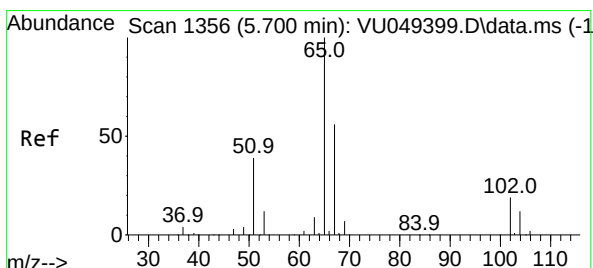
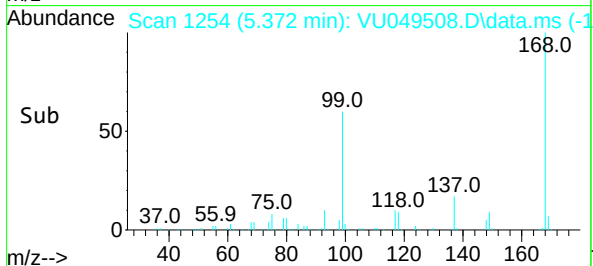
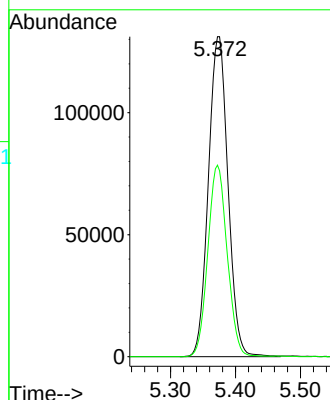
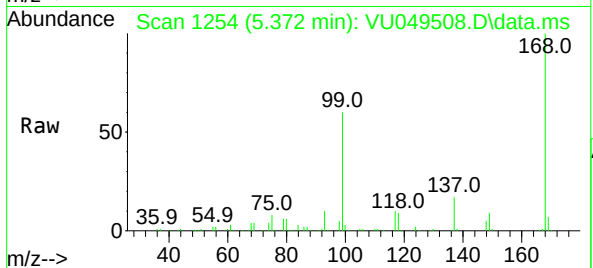




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049508.D
Acq: 29 Jun 2022 13:26

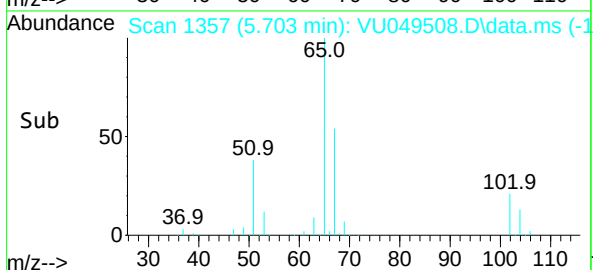
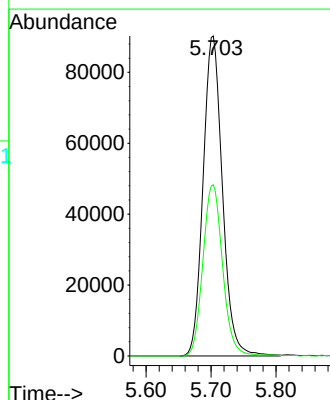
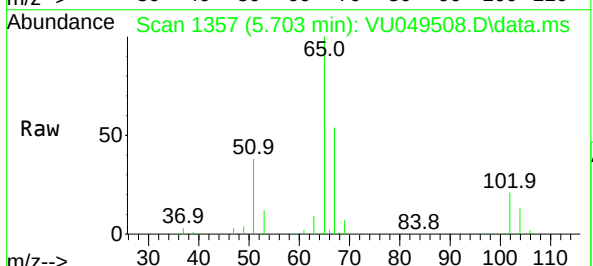
Instrument :
MSVOA_U
ClientSampleId :
TB062322

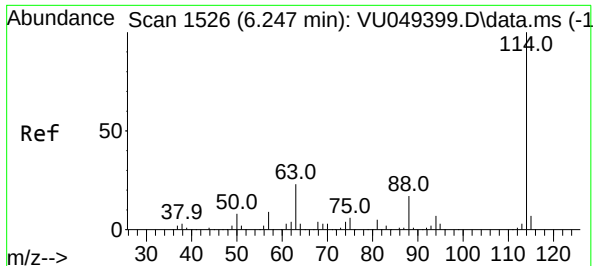
Tgt Ion:168 Resp: 274861
Ion Ratio Lower Upper
168 100
99 59.9 39.3 58.9#



#33
1,2-Dichloroethane-d4
Concen: 44.166 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.003 min
Lab File: VU049508.D
Acq: 29 Jun 2022 13:26

Tgt Ion: 65 Resp: 186955
Ion Ratio Lower Upper
65 100
67 54.3 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: VU049508.D

Acq: 29 Jun 2022 13:26

Instrument :

MSVOA_U

ClientSampleId :

TB062322

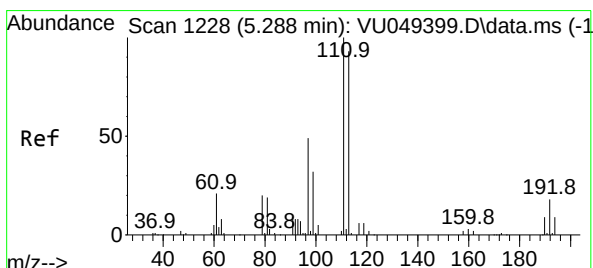
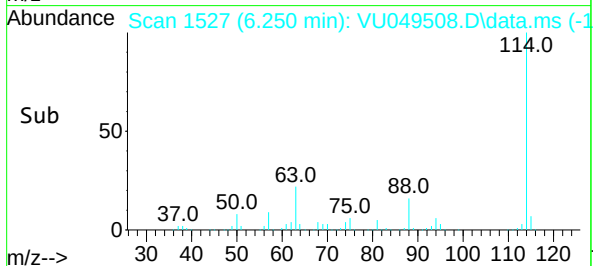
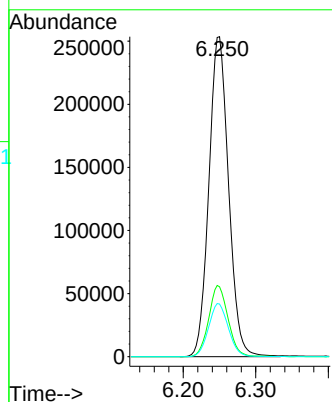
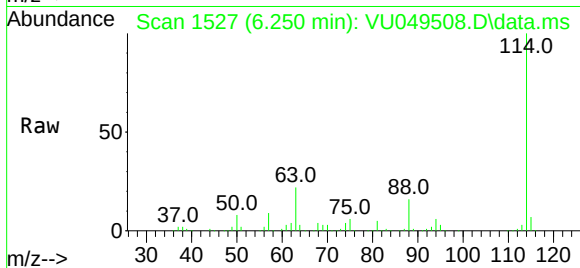
Tgt Ion:114 Resp: 478230

Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.8

88 16.4 0.0 29.2



#35

Dibromofluoromethane

Concen: 45.372 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049508.D

Acq: 29 Jun 2022 13:26

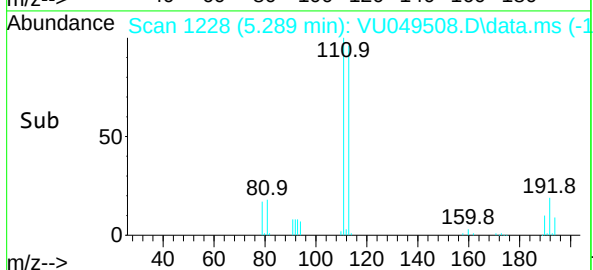
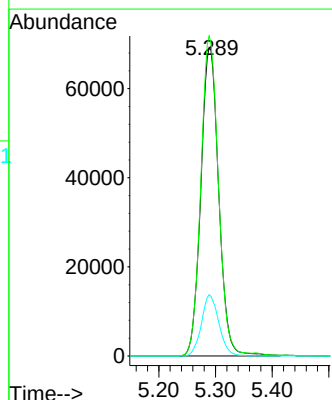
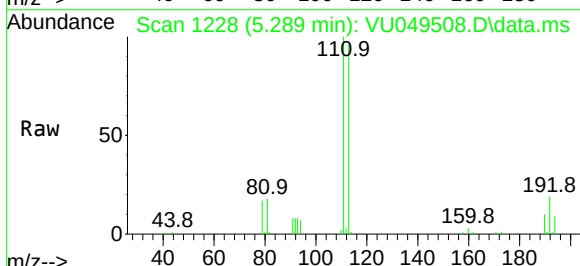
Tgt Ion:113 Resp: 151808

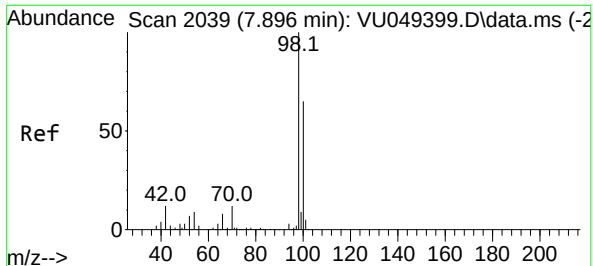
Ion Ratio Lower Upper

113 100

111 101.7 82.1 123.1

192 19.3 18.0 27.0

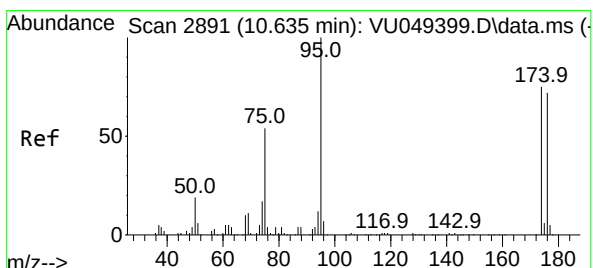
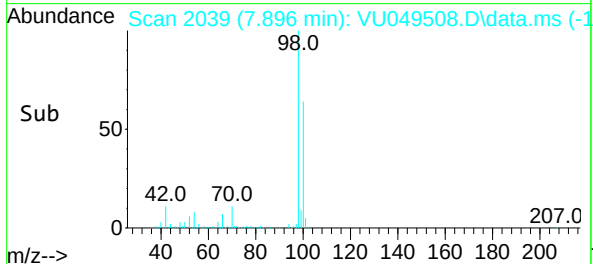
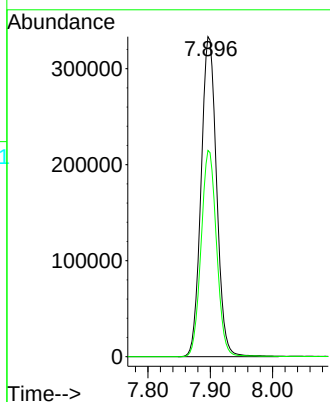
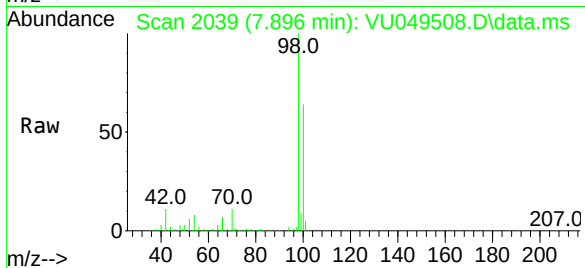




#50
Toluene-d8
Concen: 48.402 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049508.D
Acq: 29 Jun 2022 13:26

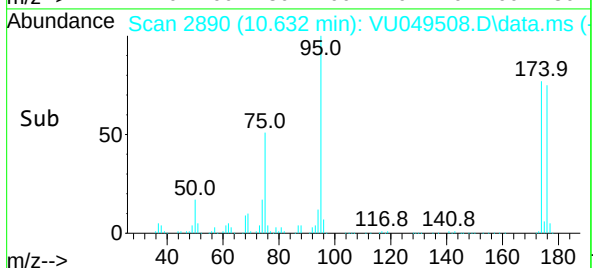
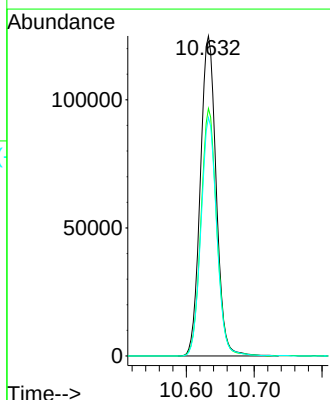
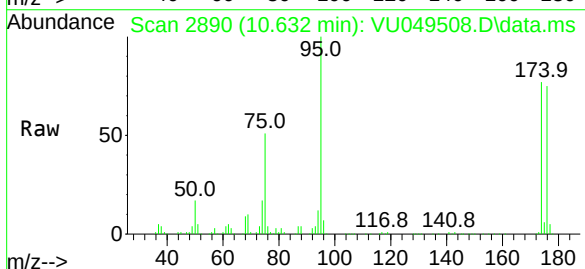
Instrument :
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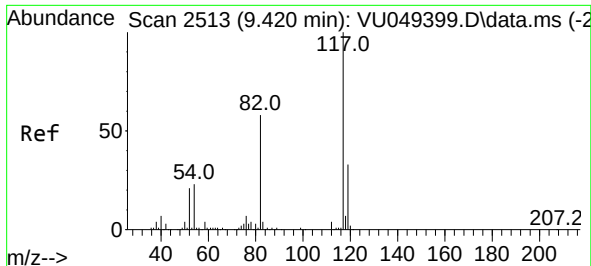
Tgt Ion: 98 Resp: 577610
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.428 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049508.D
Acq: 29 Jun 2022 13:26

Tgt Ion: 95 Resp: 203096
Ion Ratio Lower Upper
95 100
174 76.9 0.0 182.0
176 74.1 0.0 177.8

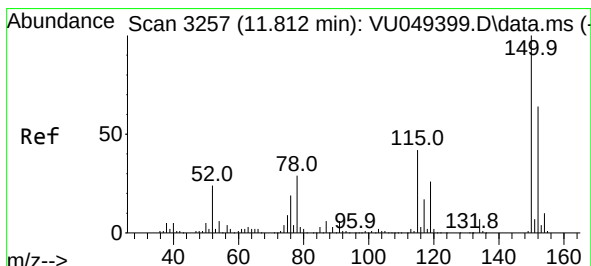
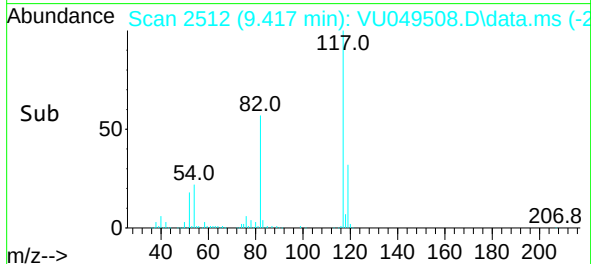
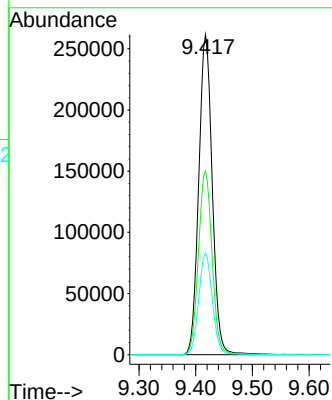
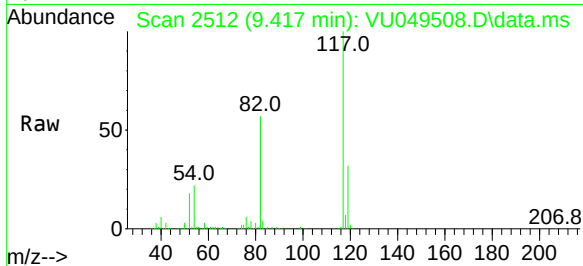




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049508.D
Acq: 29 Jun 2022 13:26

Instrument :
MSVOA_U
ClientSampleId :
TB062322

Tgt Ion:117 Resp: 432747
Ion Ratio Lower Upper
117 100
82 57.4 41.7 62.5
119 31.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.813 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049508.D
Acq: 29 Jun 2022 13:26

Tgt Ion:152 Resp: 194272
Ion Ratio Lower Upper
152 100
115 61.2 37.0 110.9
150 154.5 0.0 342.2

