

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063022\
 Data File : VU049561.D
 Acq On : 30 Jun 2022 14:21
 Operator : SY/MD
 Sample : N3507-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TT163S1-20220624

Quant Time: Jul 01 05:25:14 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	252805	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	447959	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	410218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	186657	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	179245	46.039	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.080%
35) Dibromofluoromethane	5.288	113	141946	45.292	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.580%
50) Toluene-d8	7.896	98	537450	48.080	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.160%
62) 4-Bromofluorobenzene	10.632	95	196273	45.836	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.680%

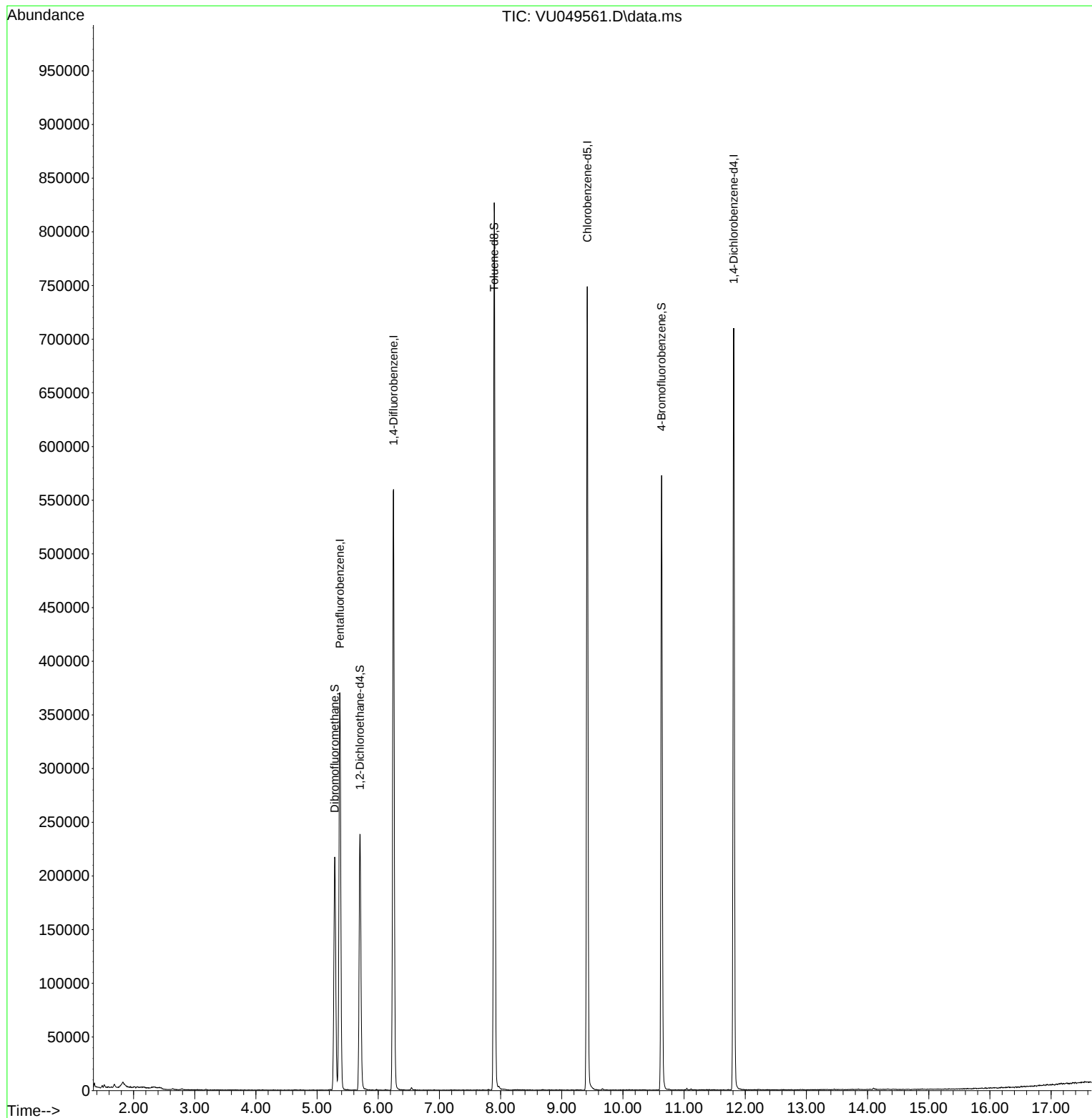
Target Compounds	Qvalue

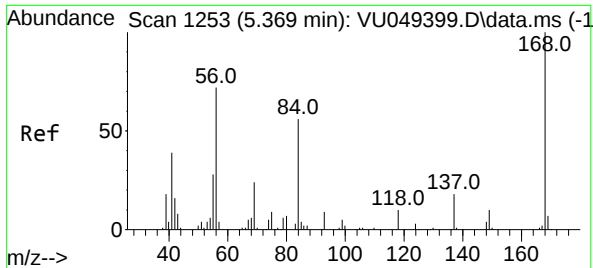
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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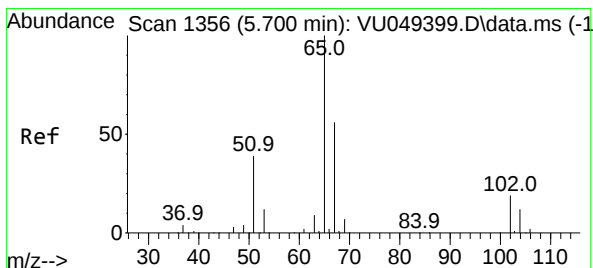
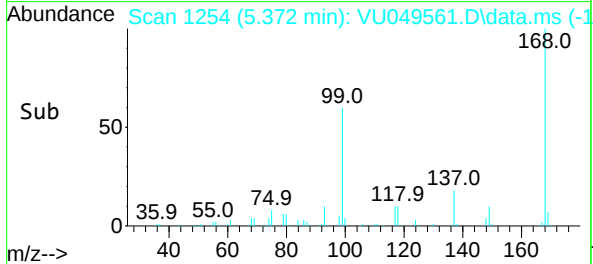
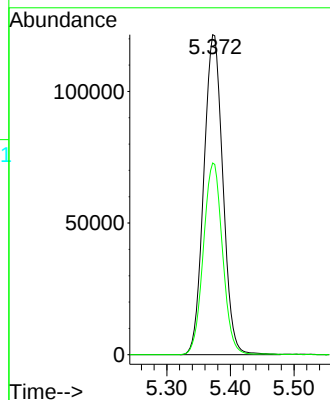
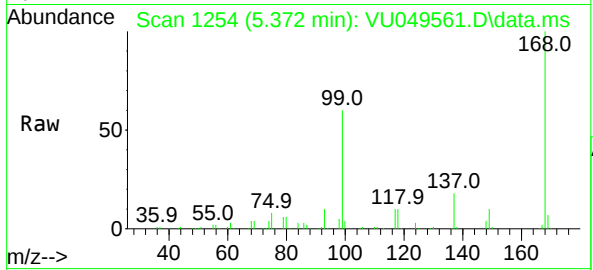




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. 0.003 min
Lab File: VU049561.D
Acq: 30 Jun 2022 14:21

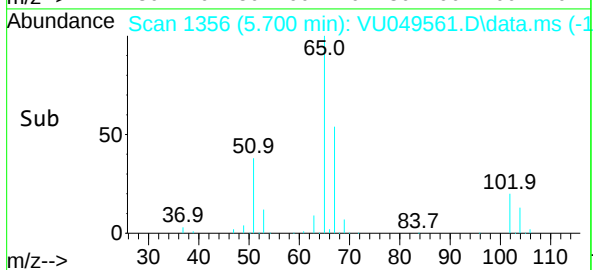
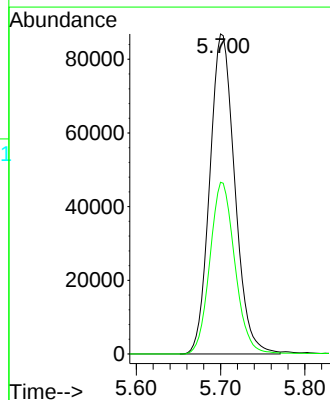
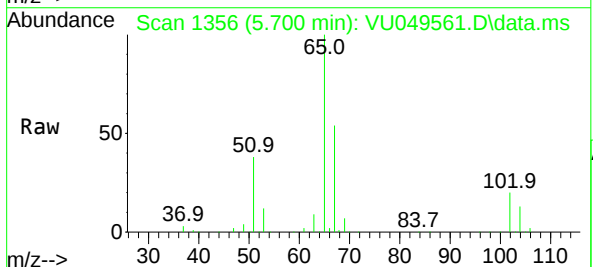
Instrument :
MSVOA_U
ClientSampleId :
TT163S1-20220624

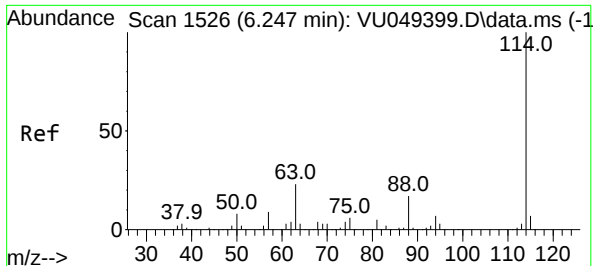
Tgt Ion:168 Resp: 252805
Ion Ratio Lower Upper
168 100
99 59.9 39.3 58.9#



#33
1,2-Dichloroethane-d4
Concen: 46.039 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. 0.000 min
Lab File: VU049561.D
Acq: 30 Jun 2022 14:21

Tgt Ion: 65 Resp: 179245
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049561.D

Acq: 30 Jun 2022 14:21

Instrument :

MSVOA_U

ClientSampleId :

TT163S1-20220624

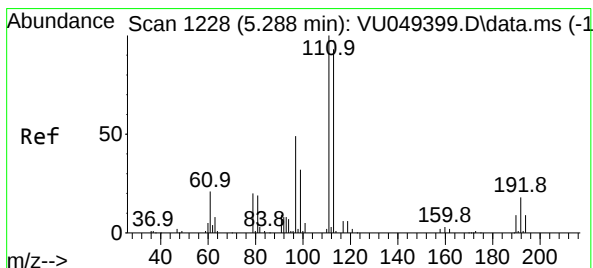
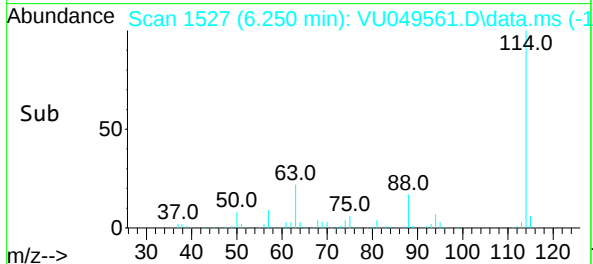
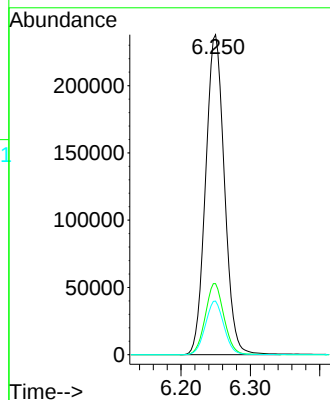
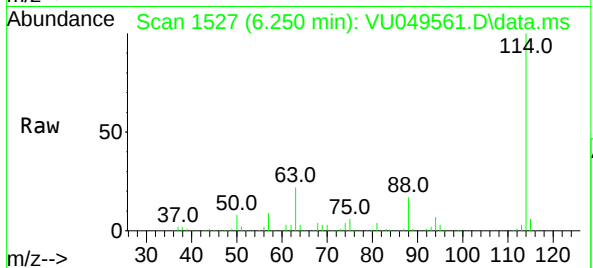
Tgt Ion:114 Resp: 447959

Ion Ratio Lower Upper

114 100

63 22.2 0.0 37.8

88 16.7 0.0 29.2



#35

Dibromofluoromethane

Concen: 45.292 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049561.D

Acq: 30 Jun 2022 14:21

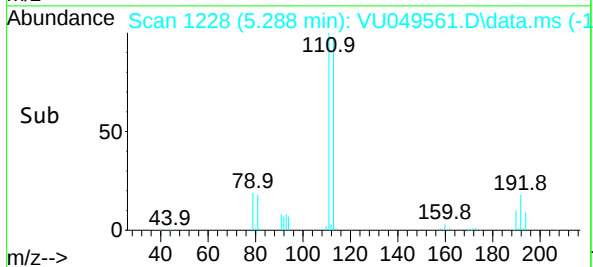
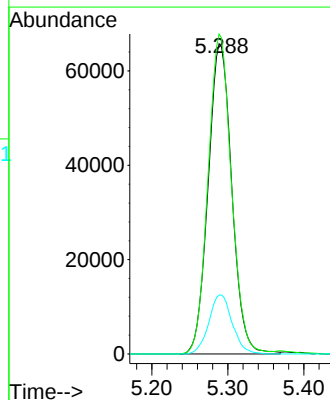
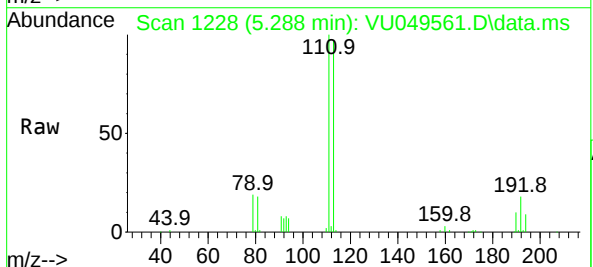
Tgt Ion:113 Resp: 141946

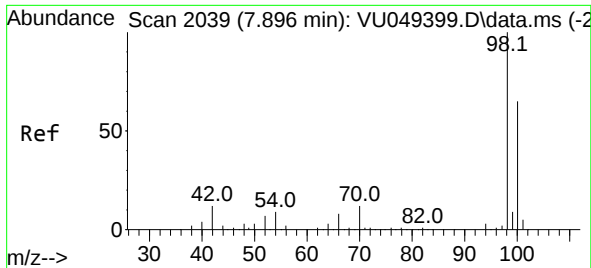
Ion Ratio Lower Upper

113 100

111 101.9 82.1 123.1

192 18.8 18.0 27.0

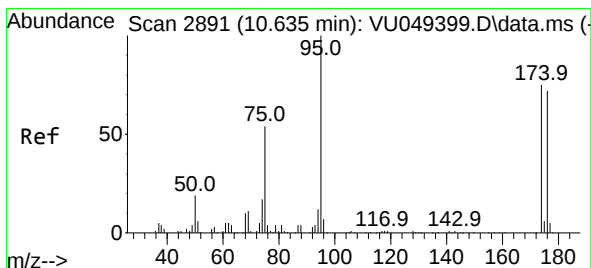
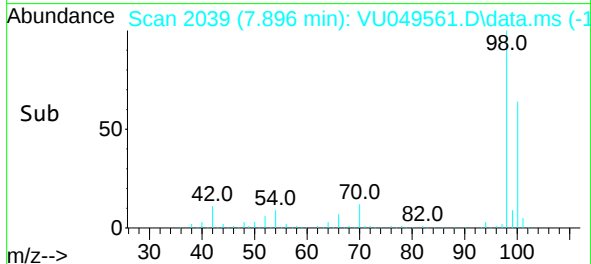
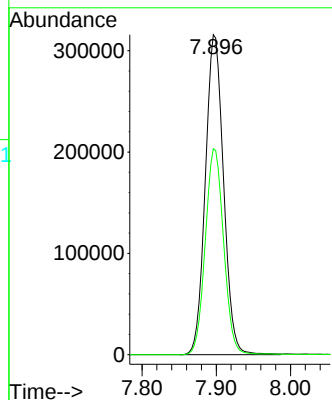
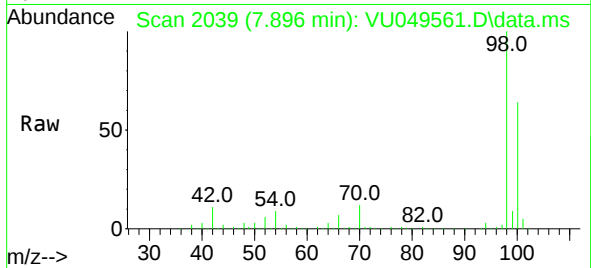




#50
Toluene-d8
Concen: 48.080 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049561.D
Acq: 30 Jun 2022 14:21

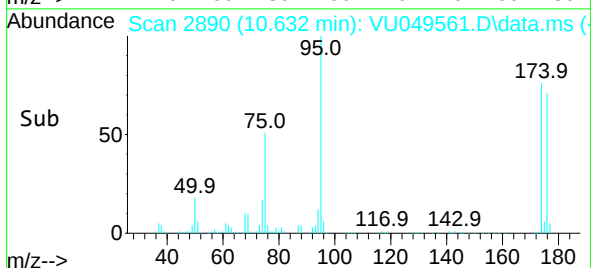
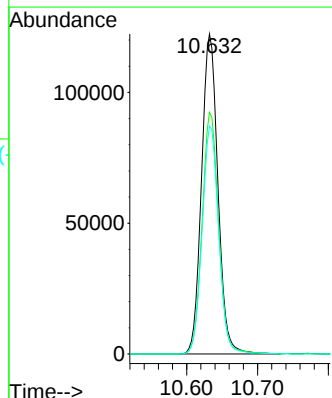
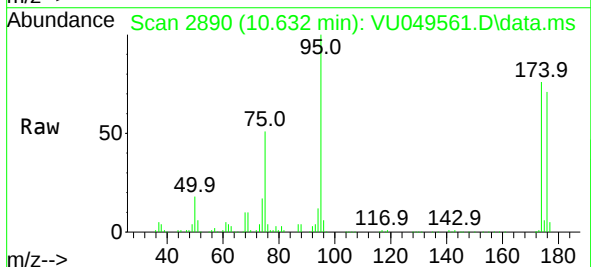
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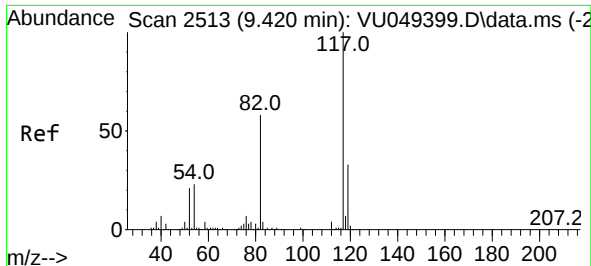
Tgt Ion: 98 Resp: 537450
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.836 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049561.D
Acq: 30 Jun 2022 14:21

Tgt Ion: 95 Resp: 196273
Ion Ratio Lower Upper
95 100
174 76.0 0.0 182.0
176 71.9 0.0 177.8

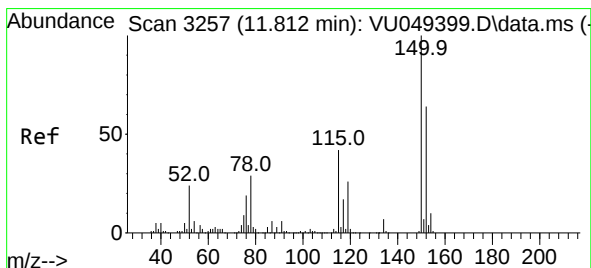
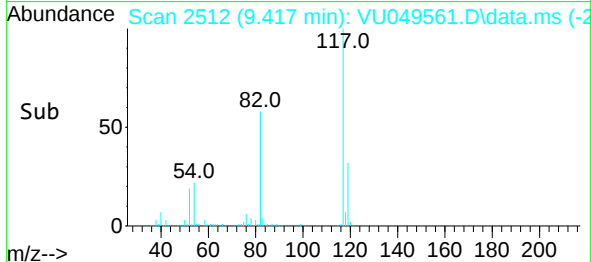
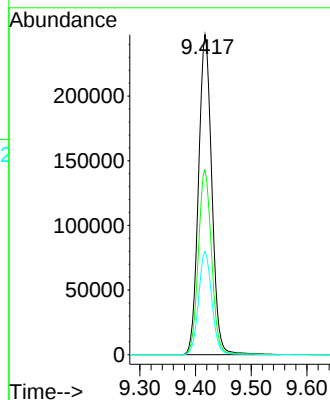
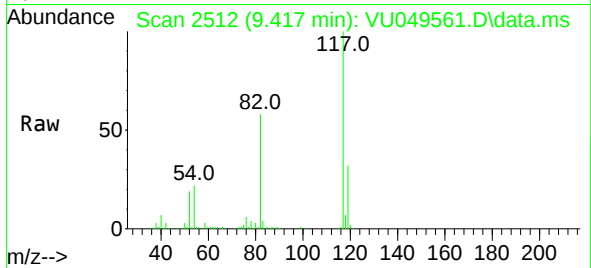




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049561.D
Acq: 30 Jun 2022 14:21

Instrument :
MSVOA_U
ClientSampleId :
TT163S1-20220624

Tgt Ion:117 Resp: 410218
Ion Ratio Lower Upper
117 100
82 57.8 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: VU049561.D
Acq: 30 Jun 2022 14:21

Tgt Ion:152 Resp: 186657
Ion Ratio Lower Upper
152 100
115 61.0 37.0 110.9
150 157.4 0.0 342.2

