

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054331.D
 Acq On : 31 May 2023 12:18
 Operator : JC/MD
 Sample : VU0531WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBL01

Quant Time: Jun 01 05:13:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.366	168	282419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	473530	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	455931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	221715	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	193152	52.172	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.340%
35) Dibromofluoromethane	5.282	113	154677	50.723	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.440%
50) Toluene-d8	7.893	98	581748	50.155	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.300%
62) 4-Bromofluorobenzene	10.629	95	213758	47.529	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.060%

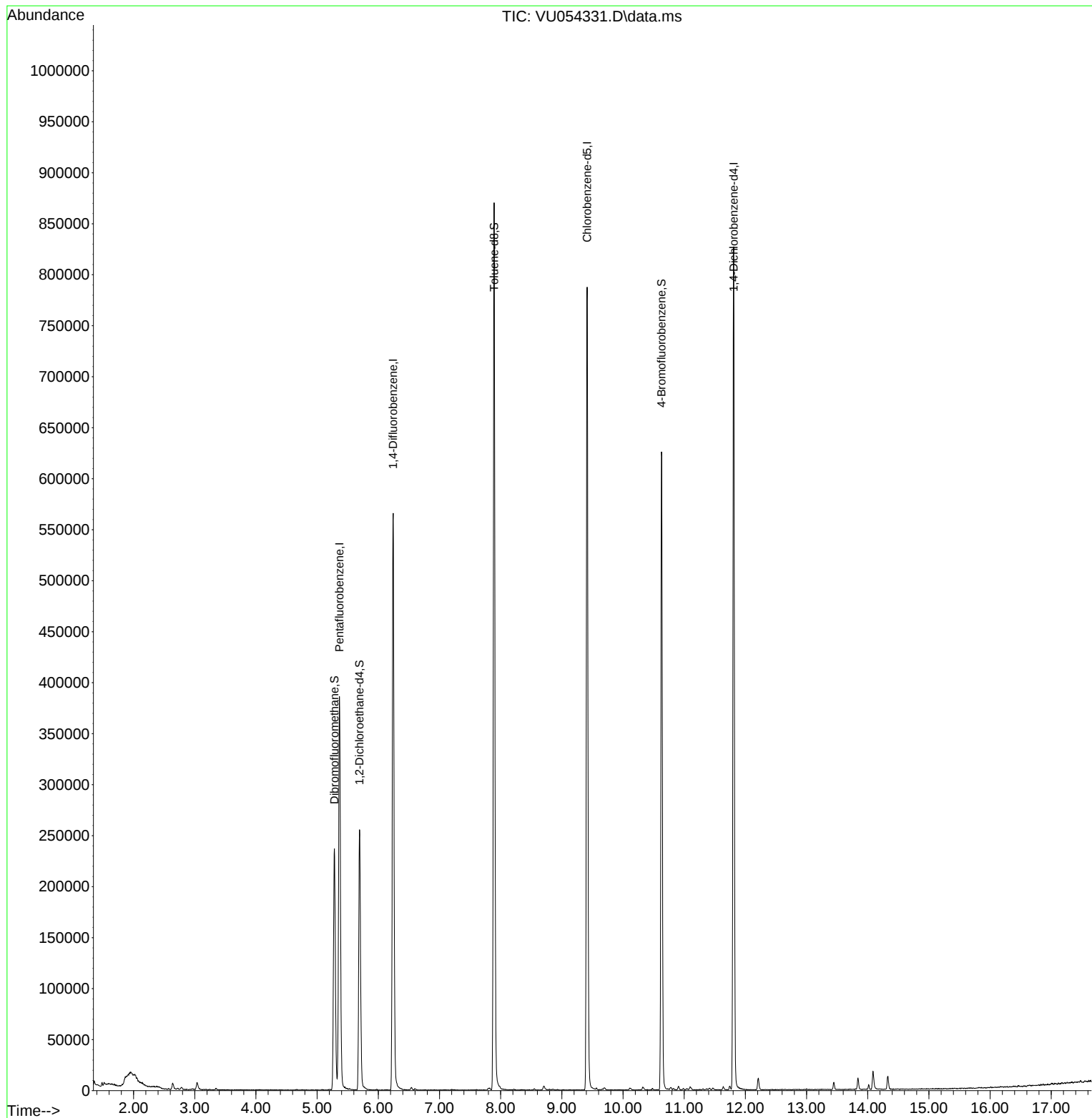
Target Compounds	Qvalue

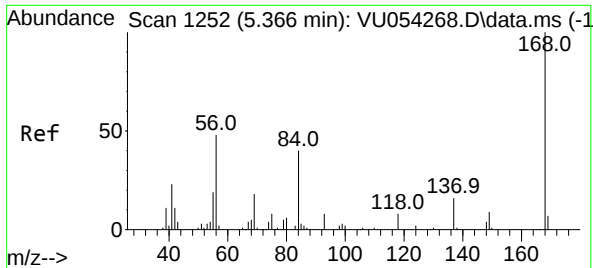
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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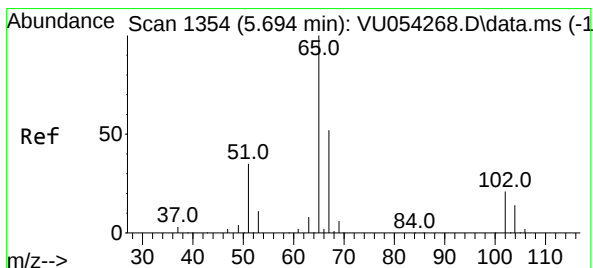
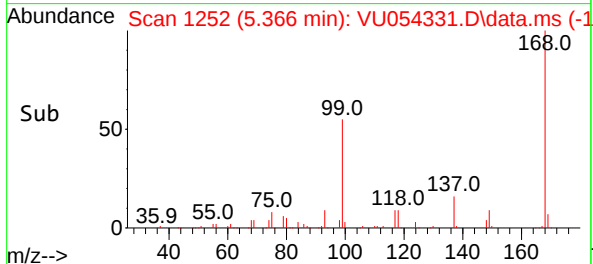
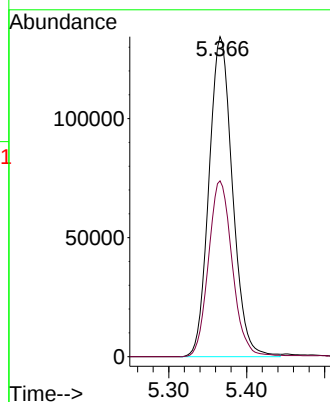
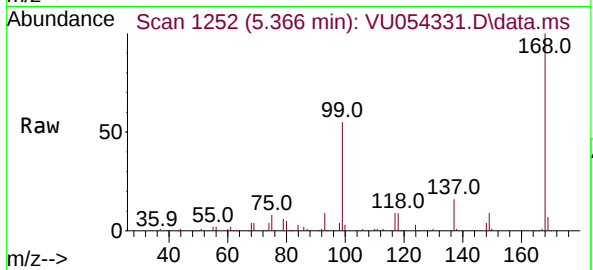




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054331.D
Acq: 31 May 2023 12:18

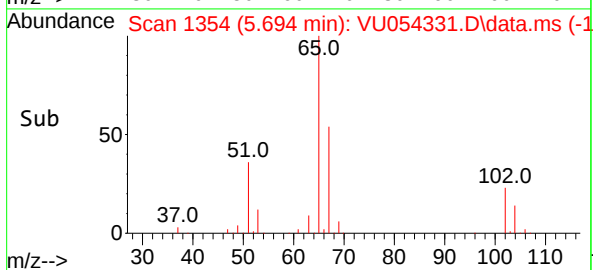
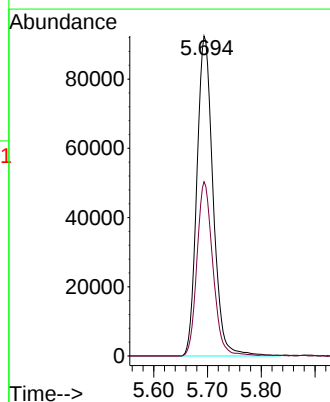
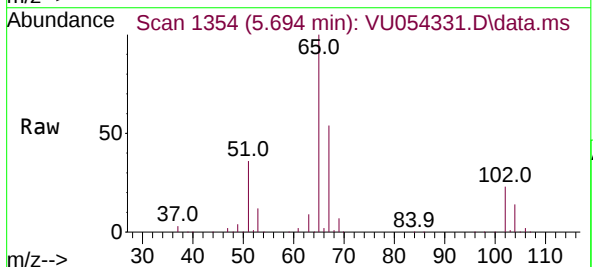
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBL01

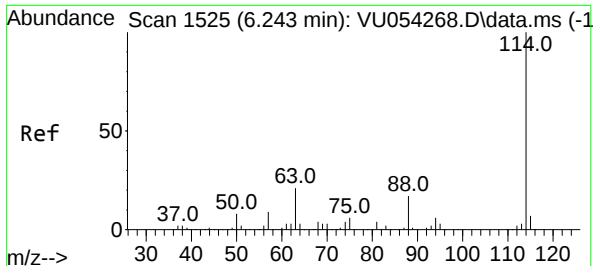
Tgt Ion:168 Resp: 282419
Ion Ratio Lower Upper
168 100
99 55.0 39.3 58.9



#33
1,2-Dichloroethane-d4
Concen: 52.172 ug/l
RT: 5.694 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VU054331.D
Acq: 31 May 2023 12:18

Tgt Ion: 65 Resp: 193152
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU054331.D

Acq: 31 May 2023 12:18

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBL01

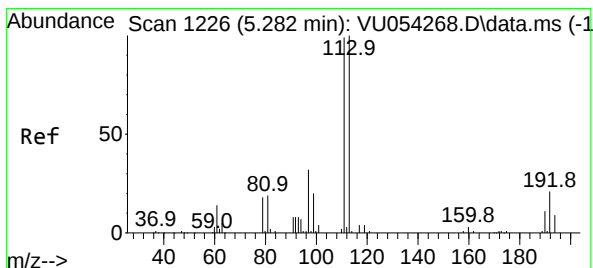
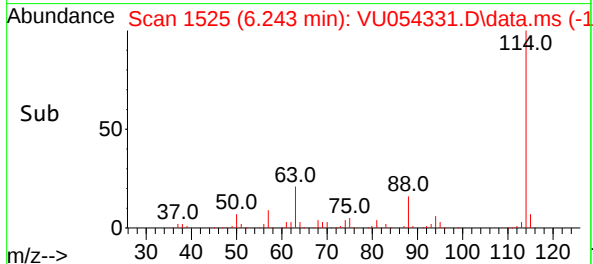
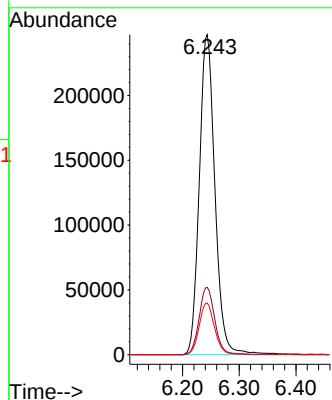
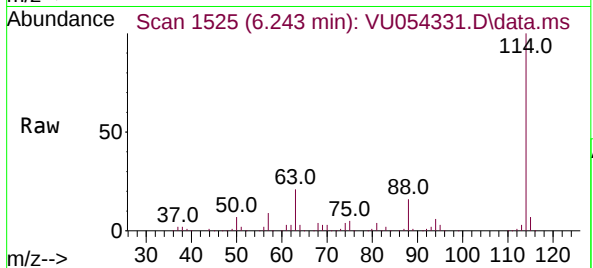
Tgt Ion:114 Resp: 473530

Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.8

88 16.2 0.0 29.2



#35

Dibromofluoromethane

Concen: 50.723 ug/l

RT: 5.282 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VU054331.D

Acq: 31 May 2023 12:18

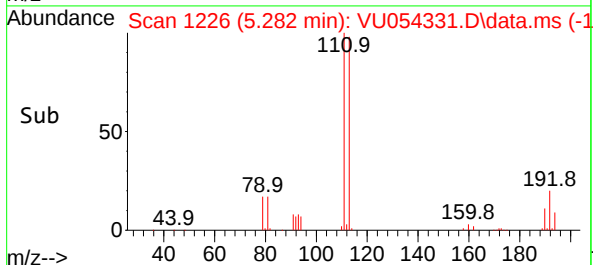
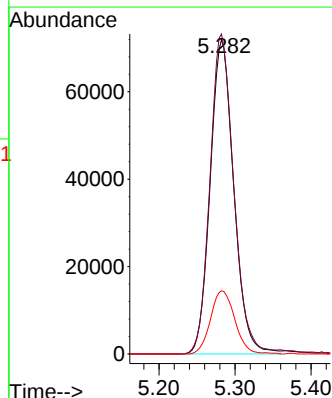
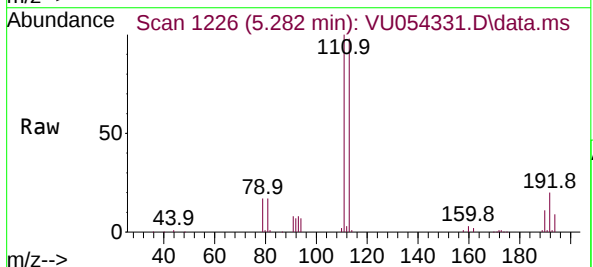
Tgt Ion:113 Resp: 154677

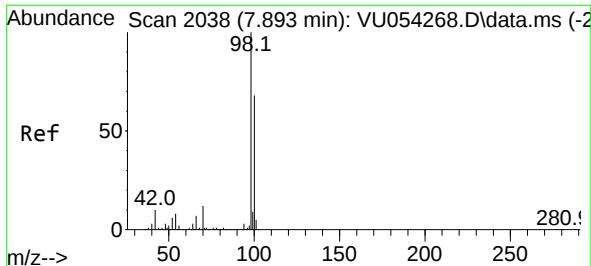
Ion Ratio Lower Upper

113 100

111 102.6 82.1 123.1

192 20.8 18.0 27.0

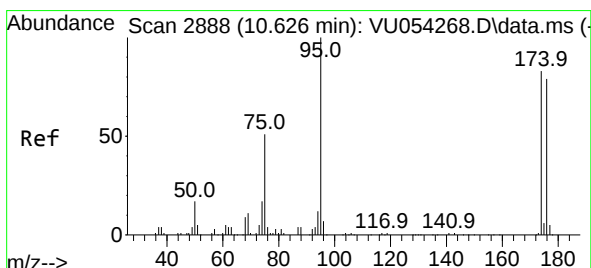
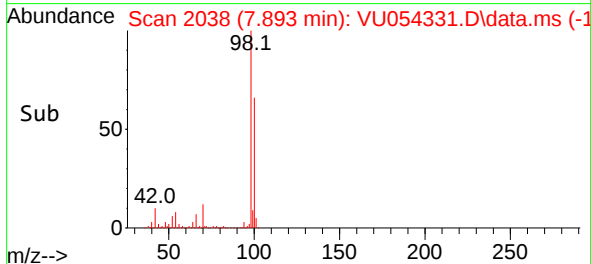
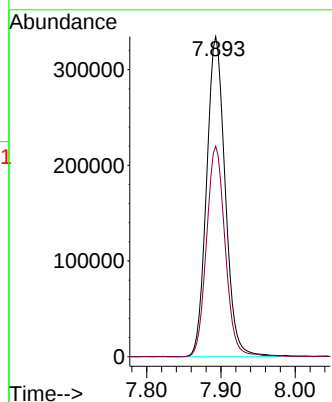
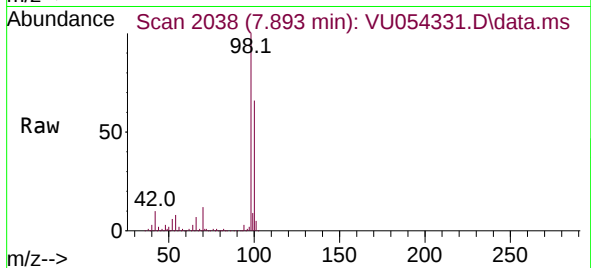




#50
Toluene-d8
Concen: 50.155 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054331.D
Acq: 31 May 2023 12:18

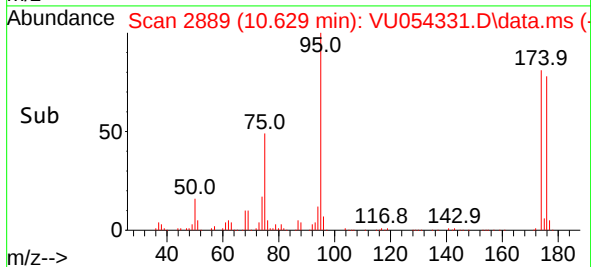
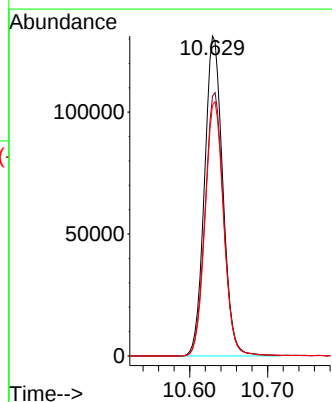
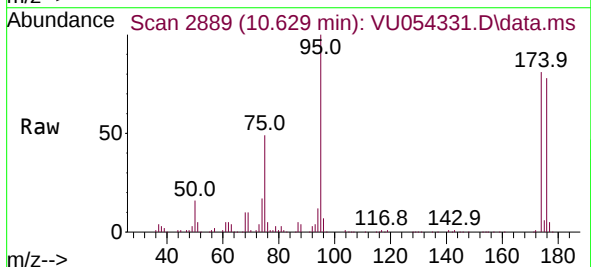
Instrument :
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ClientSampleId :
VU0531WBL01

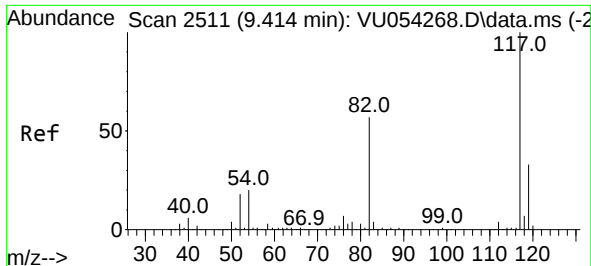
Tgt Ion: 98 Resp: 581748
Ion Ratio Lower Upper
98 100
100 66.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 47.529 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054331.D
Acq: 31 May 2023 12:18

Tgt Ion: 95 Resp: 213758
Ion Ratio Lower Upper
95 100
174 83.9 0.0 182.0
176 80.6 0.0 177.8

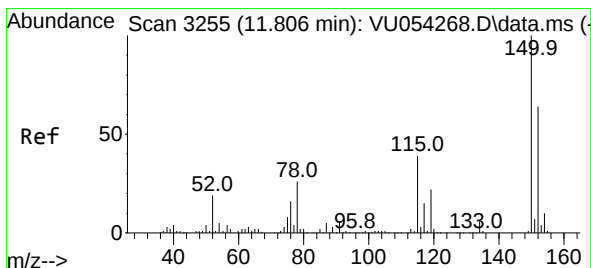
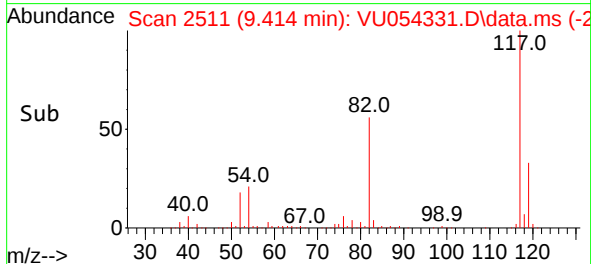
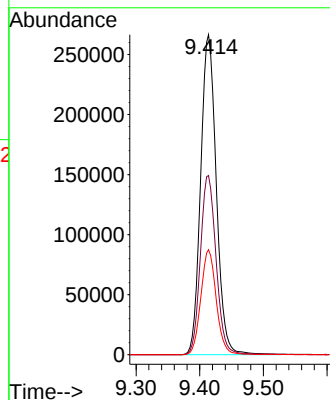
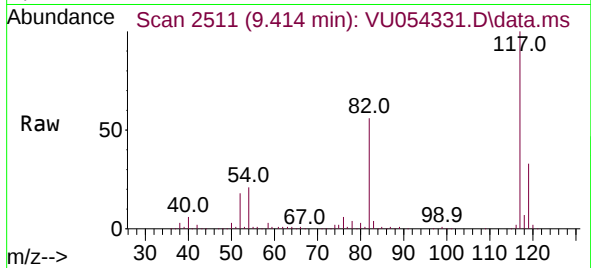




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054331.D
Acq: 31 May 2023 12:18

Instrument :
MSVOA_U
ClientSampleId :
VU0531WBL01

Tgt Ion:117 Resp: 455931
Ion Ratio Lower Upper
117 100
82 56.0 41.7 62.5
119 32.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.809 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VU054331.D
Acq: 31 May 2023 12:18

Tgt Ion:152 Resp: 221715
Ion Ratio Lower Upper
152 100
115 59.4 37.0 110.9
150 160.6 0.0 342.2

