

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052623\
 Data File : VU054275.D
 Acq On : 26 May 2023 11:01
 Operator : JC/MD
 Sample : VU0526WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0526WBL01

Quant Time: May 29 23:58:05 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	253950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	404831	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	390813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	198494	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	168776	50.698	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.400%
35) Dibromofluoromethane	5.282	113	136062	52.191	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.380%
50) Toluene-d8	7.893	98	507559	51.184	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.360%
62) 4-Bromofluorobenzene	10.626	95	182411	47.441	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.880%

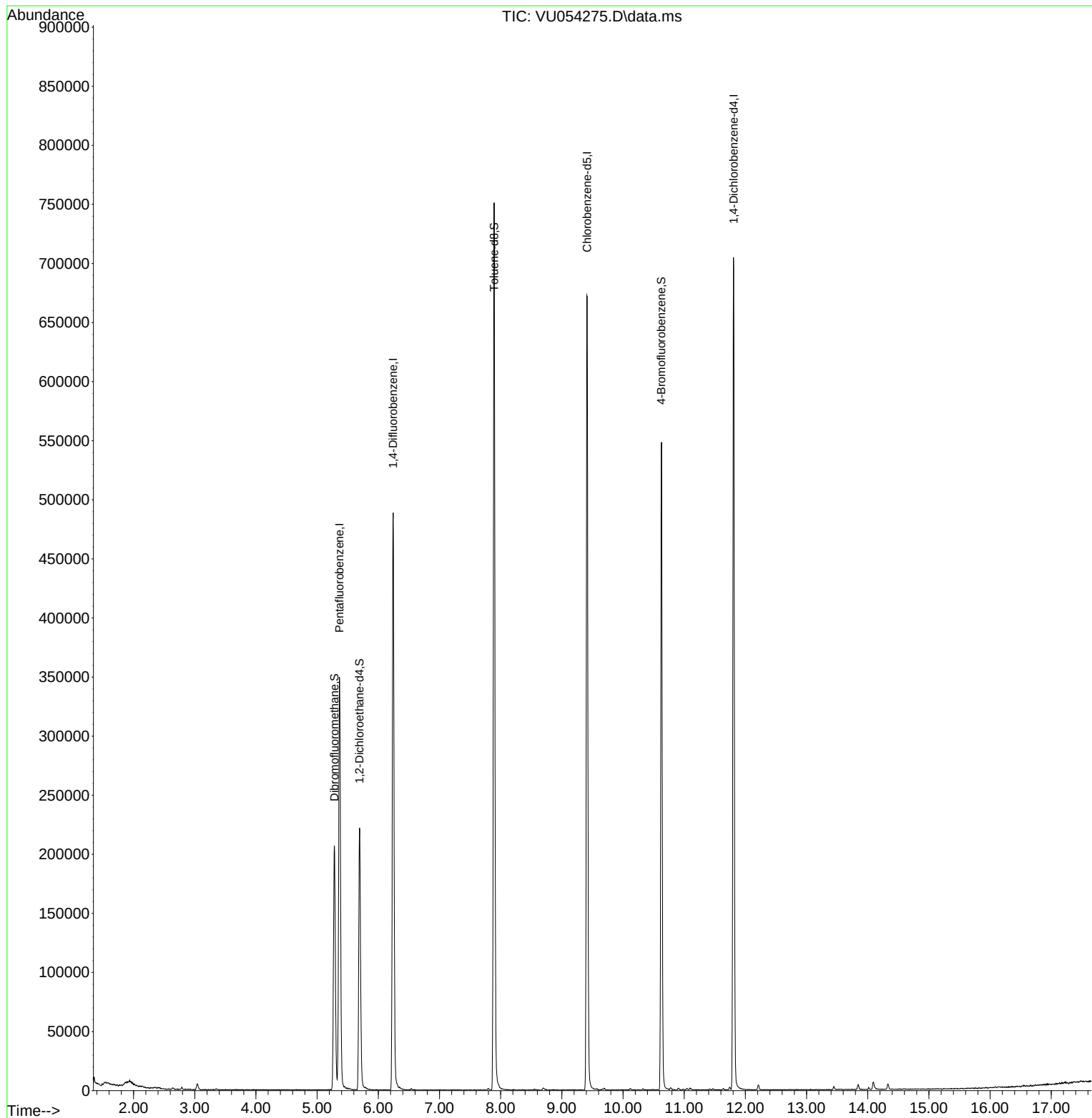
Target Compounds	Qvalue

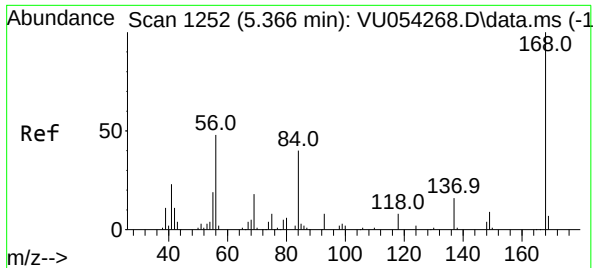
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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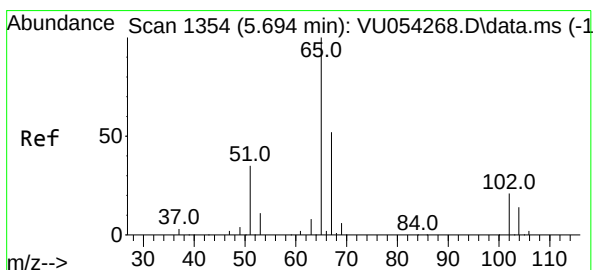
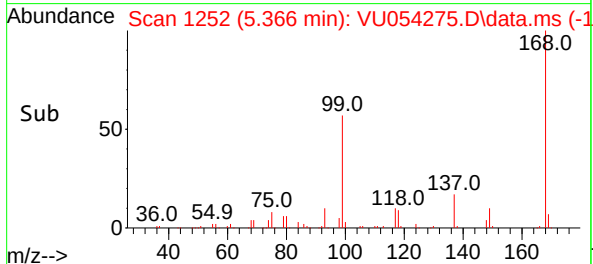
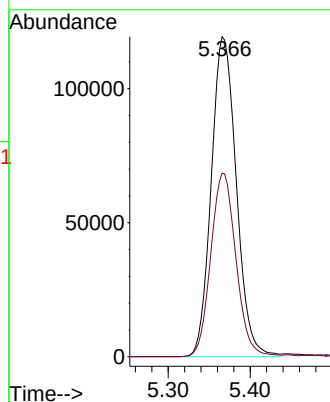
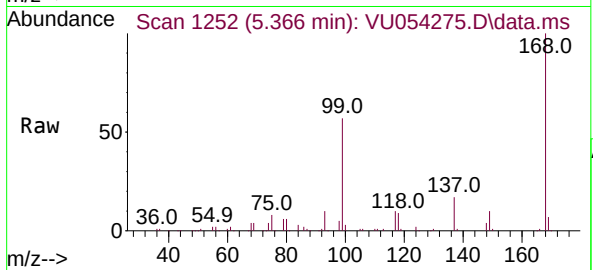




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054275.D
Acq: 26 May 2023 11:01

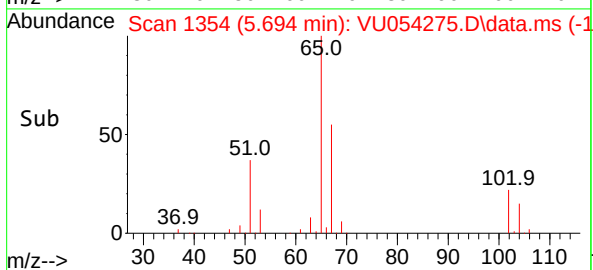
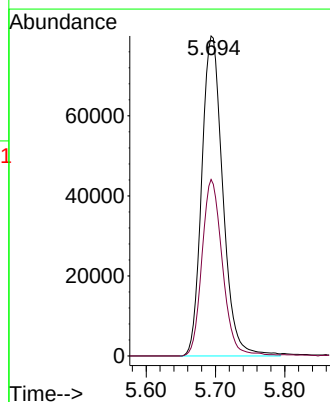
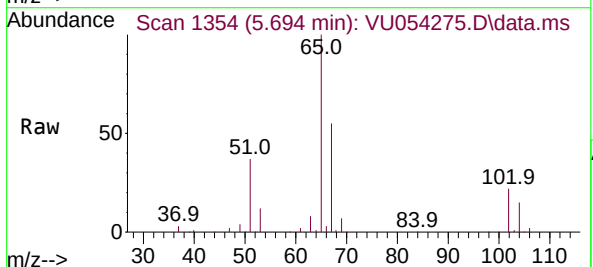
Instrument :
MSVOA_U
ClientSampleId :
VU0526WBL01

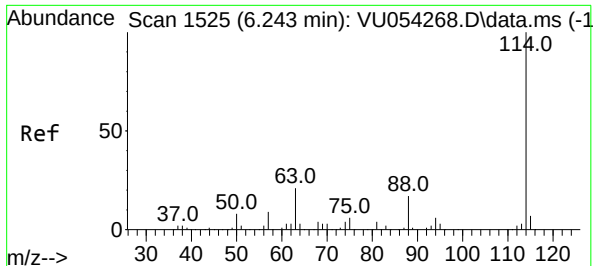
Tgt Ion:168 Resp: 253950
Ion Ratio Lower Upper
168 100
99 57.4 39.3 58.9



#33
1,2-Dichloroethane-d4
Concen: 50.698 ug/l
RT: 5.694 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VU054275.D
Acq: 26 May 2023 11:01

Tgt Ion: 65 Resp: 168776
Ion Ratio Lower Upper
65 100
67 53.6 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU054275.D

Acq: 26 May 2023 11:01

Instrument :

MSVOA_U

ClientSampleId :

VU0526WBL01

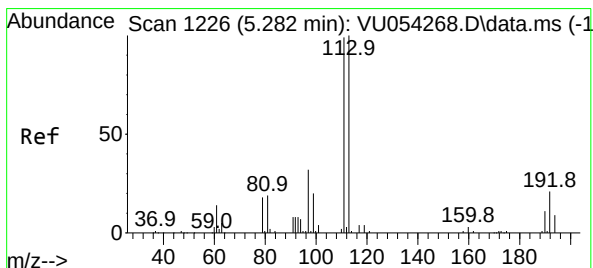
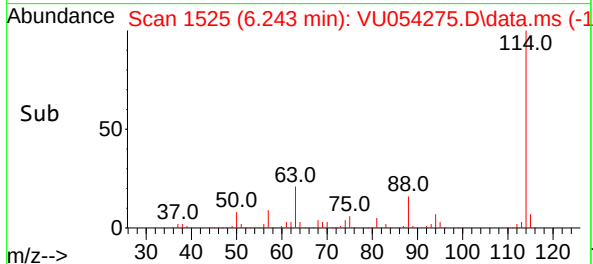
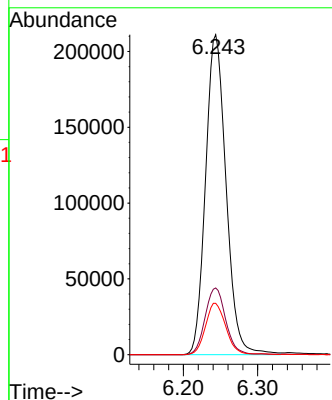
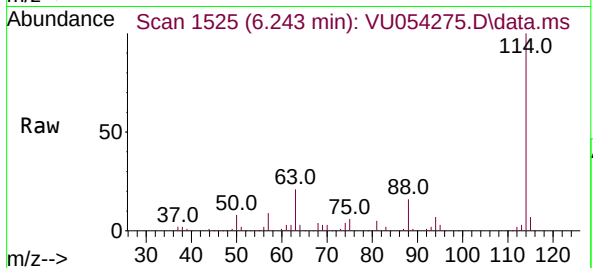
Tgt Ion:114 Resp: 404831

Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.8

88 16.1 0.0 29.2



#35

Dibromofluoromethane

Concen: 52.191 ug/l

RT: 5.282 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VU054275.D

Acq: 26 May 2023 11:01

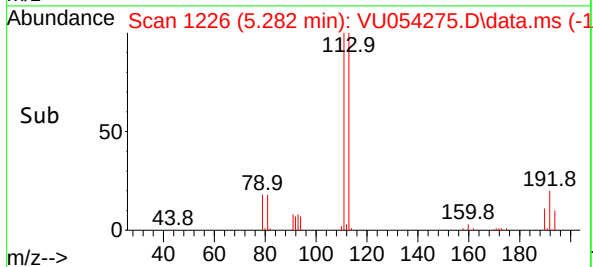
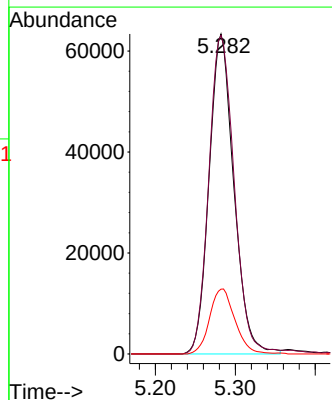
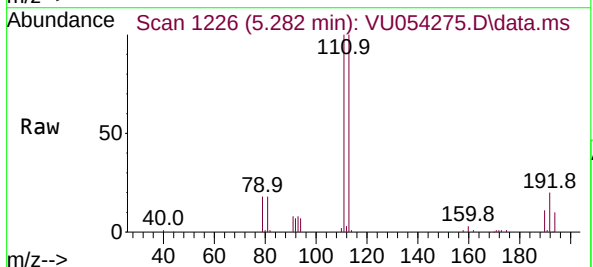
Tgt Ion:113 Resp: 136062

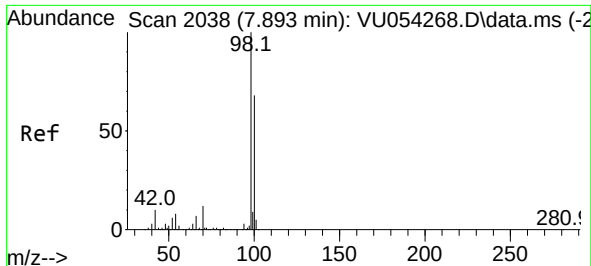
Ion Ratio Lower Upper

113 100

111 103.2 82.1 123.1

192 20.8 18.0 27.0

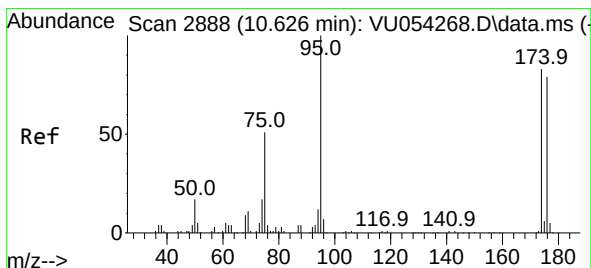
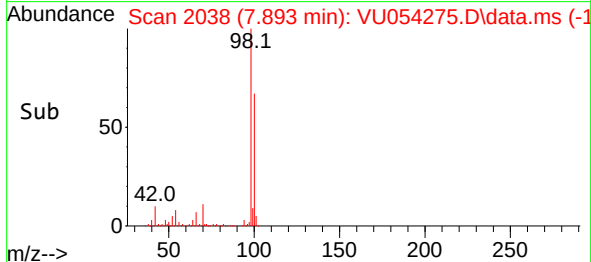
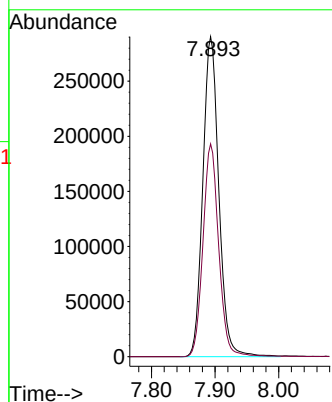
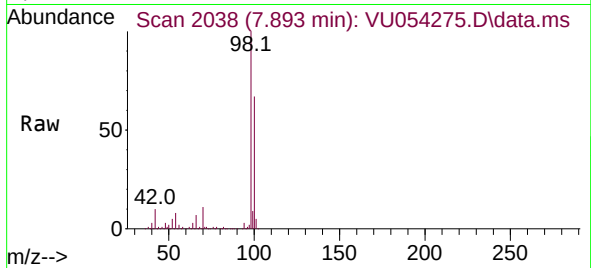




#50
Toluene-d8
Concen: 51.184 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054275.D
Acq: 26 May 2023 11:01

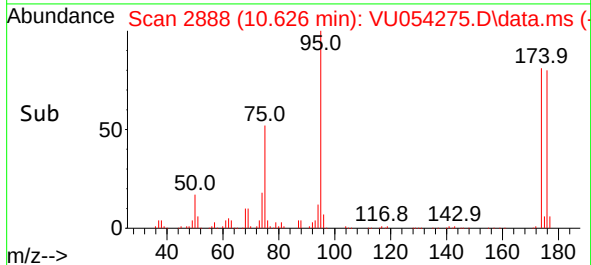
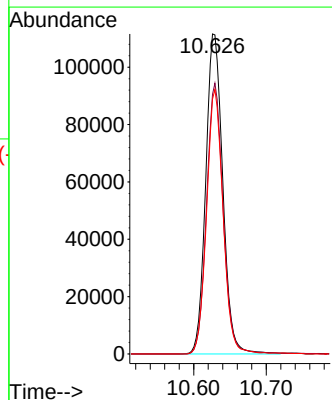
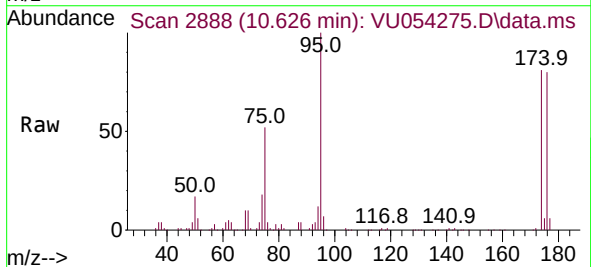
Instrument :
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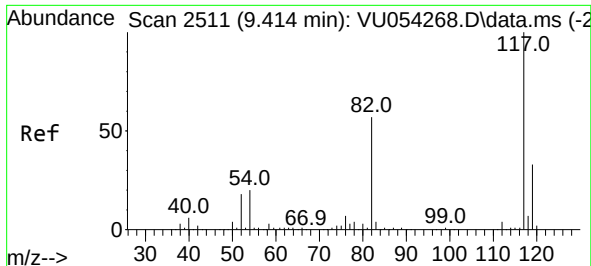
Tgt Ion: 98 Resp: 507559
Ion Ratio Lower Upper
98 100
100 65.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 47.441 ug/l
RT: 10.626 min Scan# 2888
Delta R.T. -0.000 min
Lab File: VU054275.D
Acq: 26 May 2023 11:01

Tgt Ion: 95 Resp: 182411
Ion Ratio Lower Upper
95 100
174 82.7 0.0 182.0
176 79.7 0.0 177.8

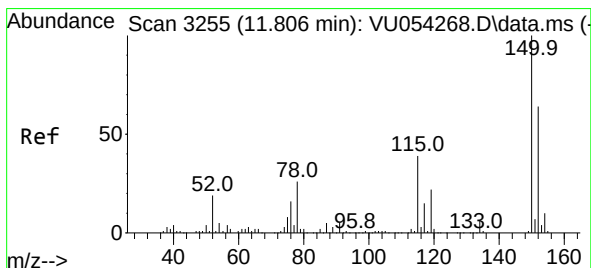
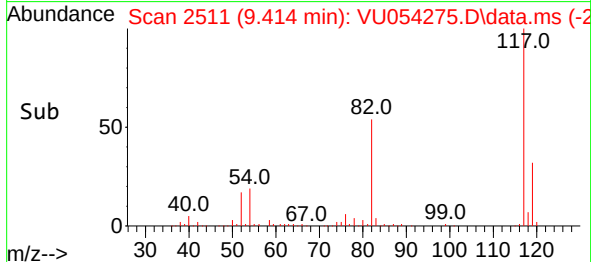
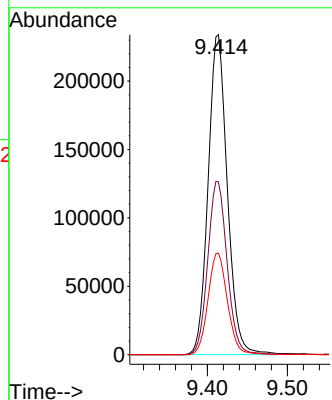
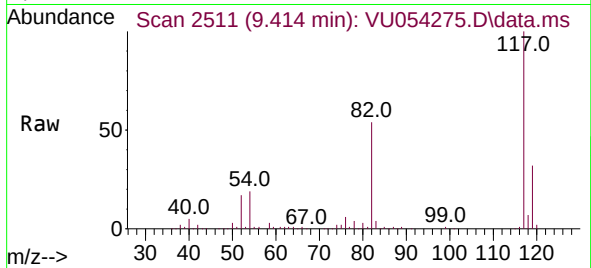




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054275.D
Acq: 26 May 2023 11:01

Instrument :
MSVOA_U
ClientSampleId :
VU0526WBL01

Tgt Ion:117 Resp: 390813
Ion Ratio Lower Upper
117 100
82 54.0 41.7 62.5
119 31.7 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: VU054275.D
Acq: 26 May 2023 11:01

Tgt Ion:152 Resp: 198494
Ion Ratio Lower Upper
152 100
115 57.9 37.0 110.9
150 155.3 0.0 342.2

