

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
 Data File : VU048944.D
 Acq On : 08 Jun 2022 05:22
 Operator : SY/MD
 Sample : N3166-21 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP10-20220601

Quant Time: Jun 08 09:17:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	234305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	402254	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	362488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	163605	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	187112	53.175	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.340%
35) Dibromofluoromethane	5.288	113	141798	49.411	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.820%
50) Toluene-d8	7.899	98	493053	47.929	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.860%
62) 4-Bromofluorobenzene	10.632	95	176160	45.280	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.560%

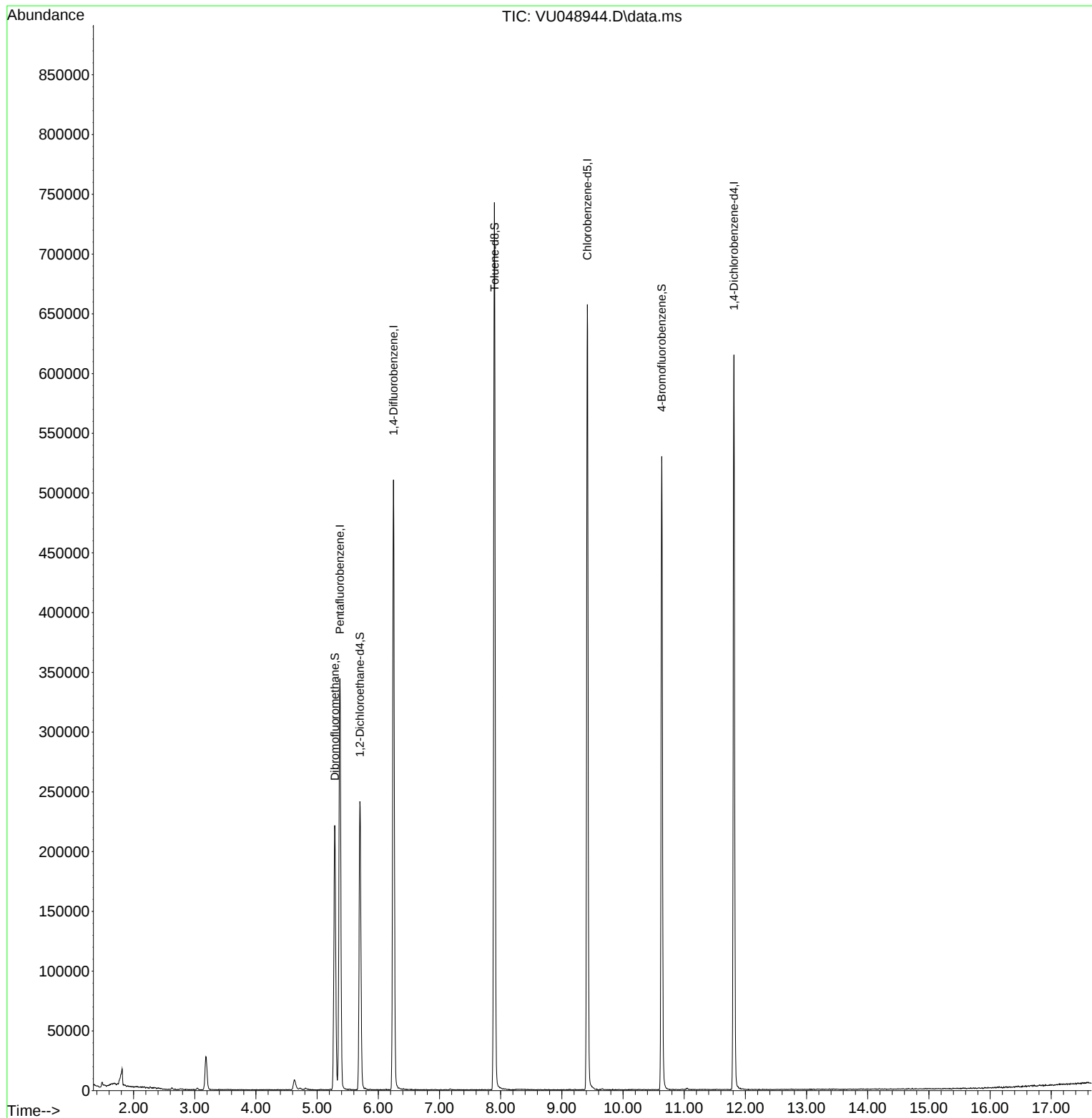
Target Compounds	Qvalue

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

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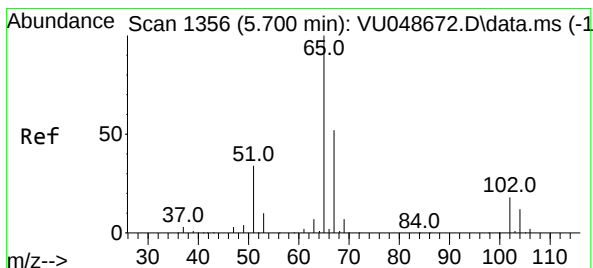
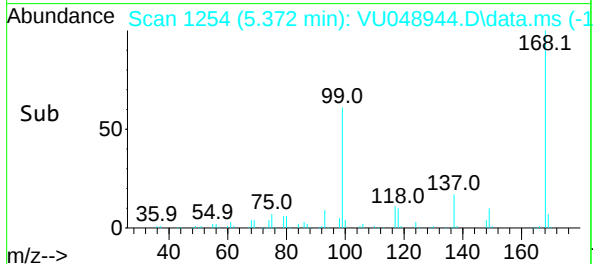
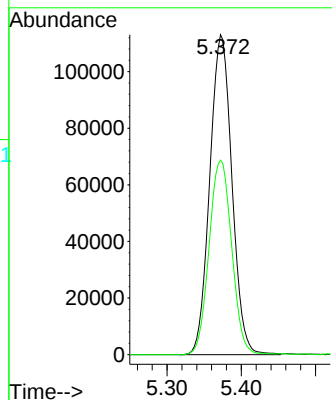
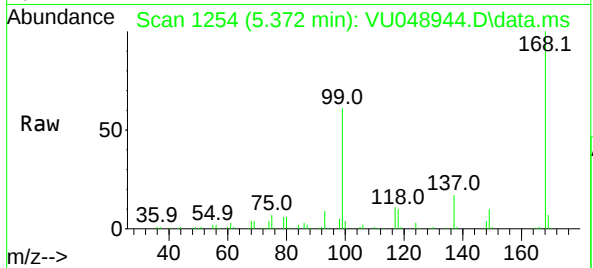




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 1255
Delta R.T. -0.003 min
Lab File: VU048944.D
Acq: 08 Jun 2022 05:22

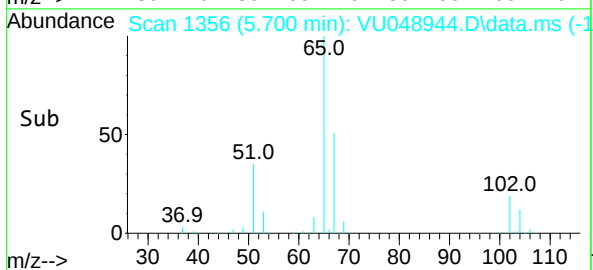
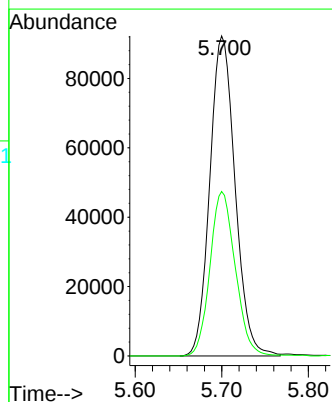
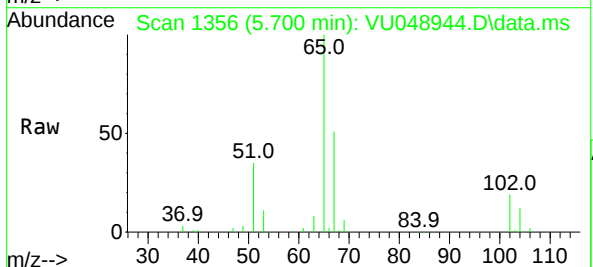
Instrument :
MSVOA_U
ClientSampleId :
DUP10-20220601

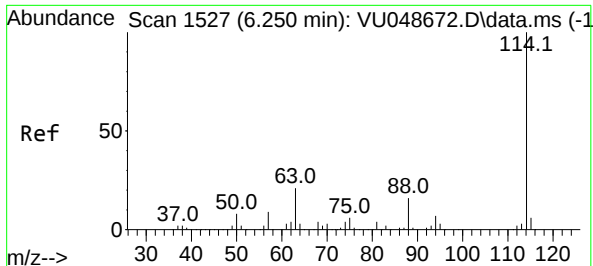
Tgt Ion:168 Resp: 234305
Ion Ratio Lower Upper
168 100
99 60.8 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 53.175 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. -0.000 min
Lab File: VU048944.D
Acq: 08 Jun 2022 05:22

Tgt Ion: 65 Resp: 187112
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0

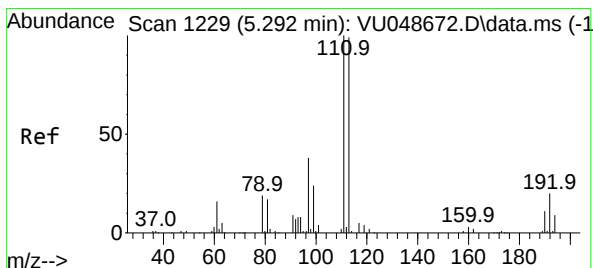
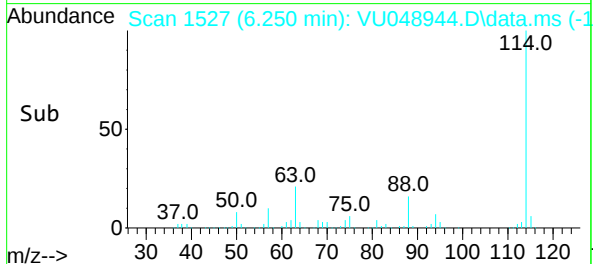
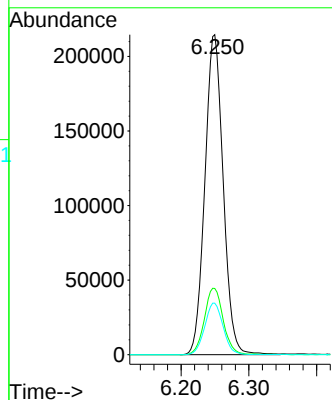
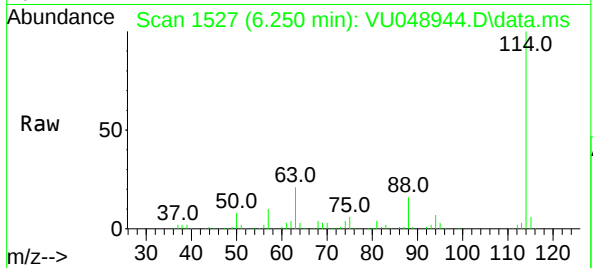




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048944.D
Acq: 08 Jun 2022 05:22

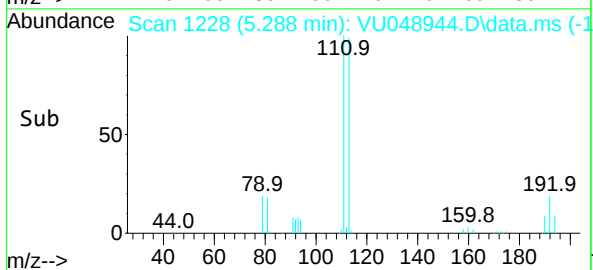
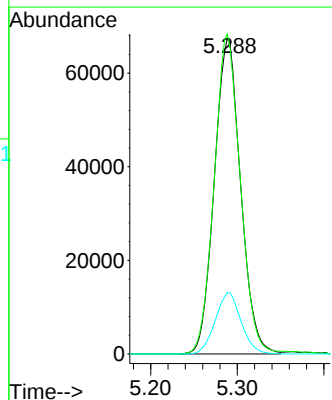
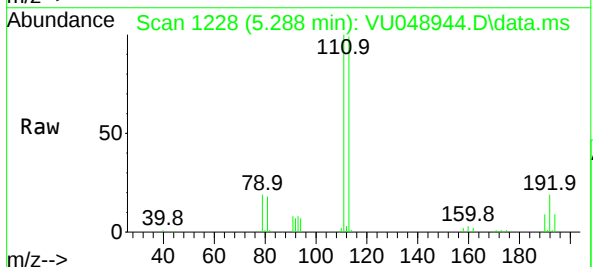
Instrument :
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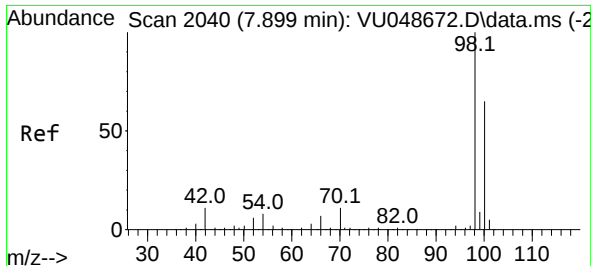
Tgt Ion:114 Resp: 402254
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.6
88 16.1 0.0 32.2



#35
Dibromofluoromethane
Concen: 49.411 ug/l
RT: 5.288 min Scan# 1228
Delta R.T. -0.003 min
Lab File: VU048944.D
Acq: 08 Jun 2022 05:22

Tgt Ion:113 Resp: 141798
Ion Ratio Lower Upper
113 100
111 100.9 80.7 121.1
192 19.1 15.9 23.9

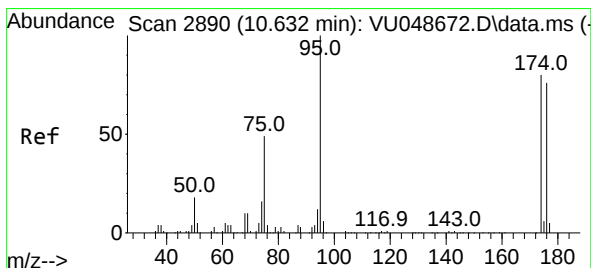
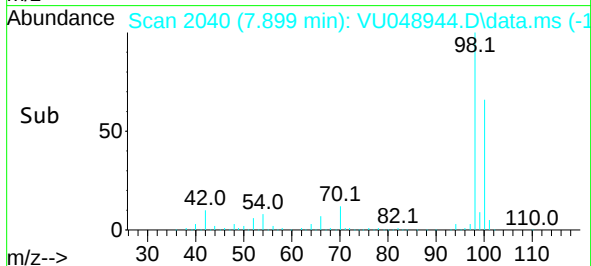
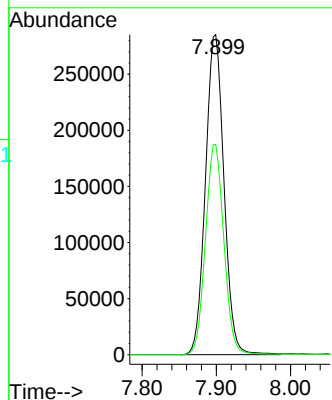
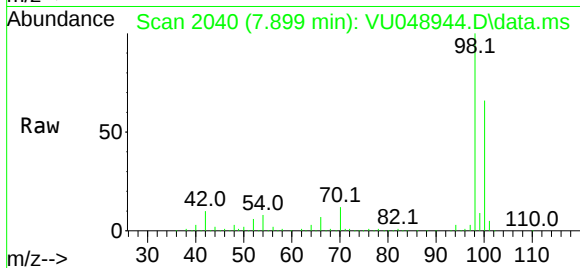




#50
Toluene-d8
Concen: 47.929 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048944.D
Acq: 08 Jun 2022 05:22

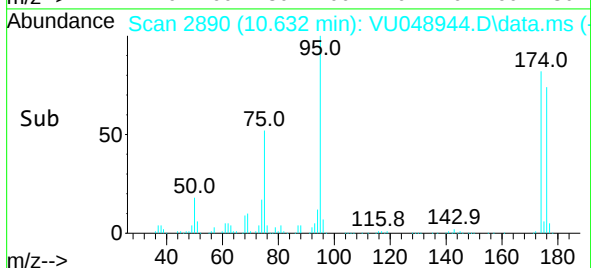
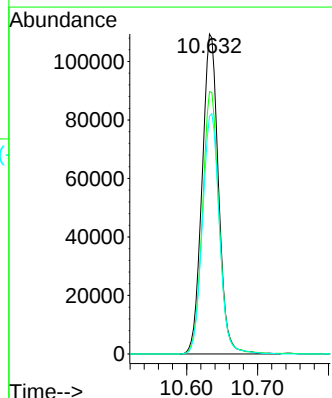
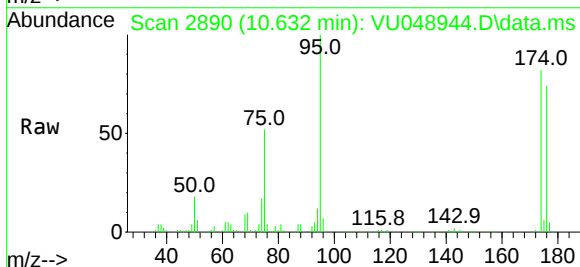
Instrument :
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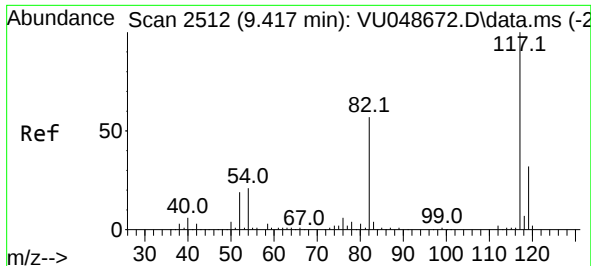
Tgt Ion: 98 Resp: 493053
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.280 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048944.D
Acq: 08 Jun 2022 05:22

Tgt Ion: 95 Resp: 176160
Ion Ratio Lower Upper
95 100
174 82.7 0.0 159.4
176 77.3 0.0 152.4

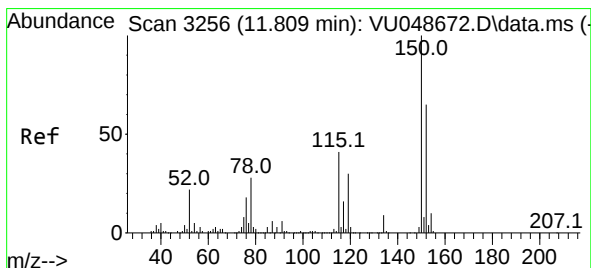
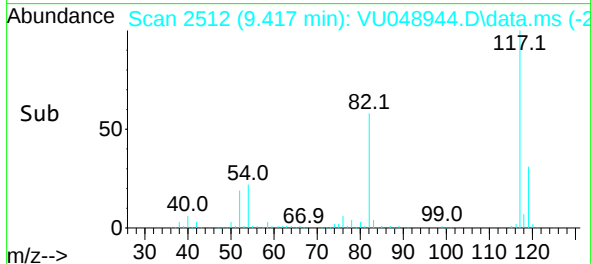
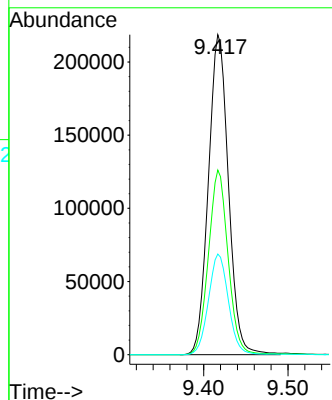
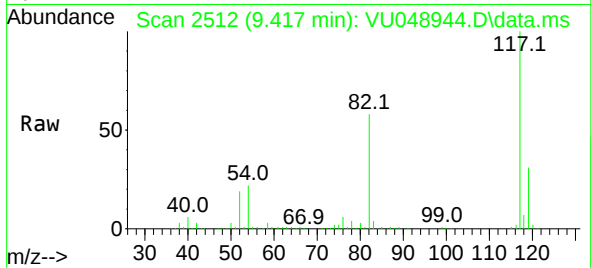




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048944.D
Acq: 08 Jun 2022 05:22

Instrument :
MSVOA_U
ClientSampleId :
DUP10-20220601

Tgt Ion:117 Resp: 362488
Ion Ratio Lower Upper
117 100
82 57.7 45.3 67.9
119 31.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048944.D
Acq: 08 Jun 2022 05:22

Tgt Ion:152 Resp: 163605
Ion Ratio Lower Upper
152 100
115 60.0 41.8 125.4
150 160.2 0.0 341.0

