

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033122\
 Data File : VU047774.D
 Acq On : 31 Mar 2022 15:35
 Operator : SY/MD
 Sample : VU0331WBL02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0331WBL02

Quant Time: Apr 01 02:25:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U033122W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 13:50:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	316475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	481653	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	463392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	247975	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	190287	56.046	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.100%
35) Dibromofluoromethane	5.292	113	170744	52.860	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.720%
50) Toluene-d8	7.899	98	586299	50.382	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.760%
62) 4-Bromofluorobenzene	10.632	95	214106	47.242	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.480%

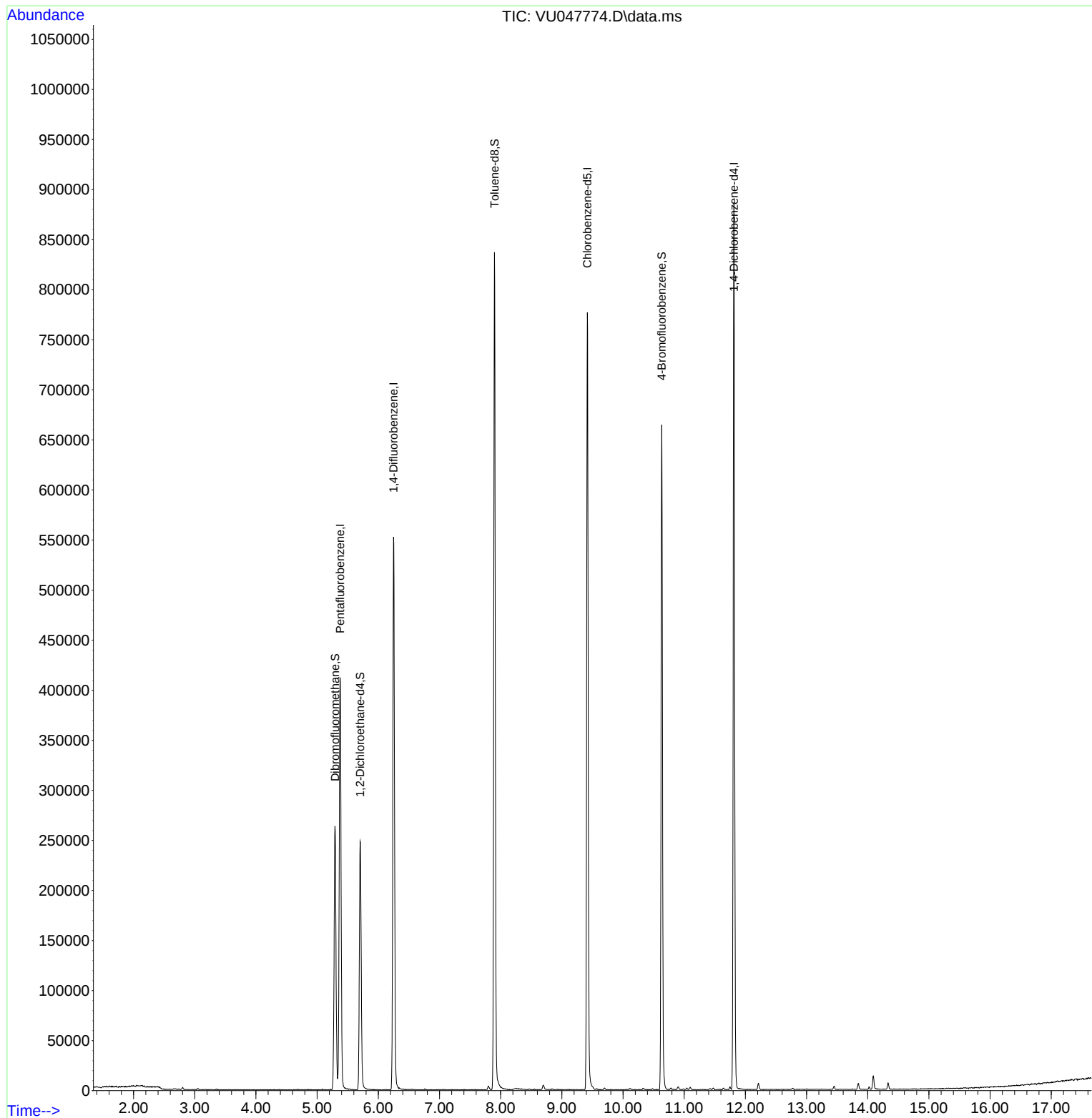
Target Compounds	Qvalue

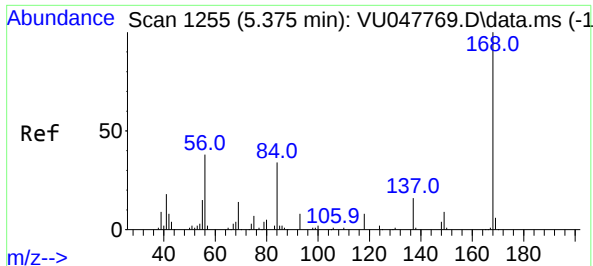
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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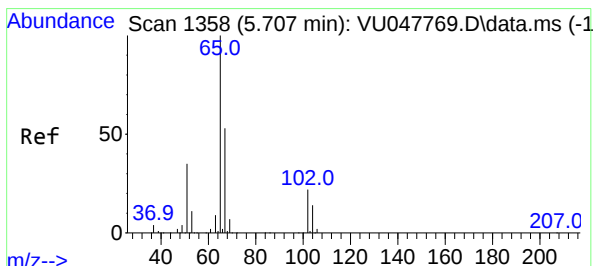
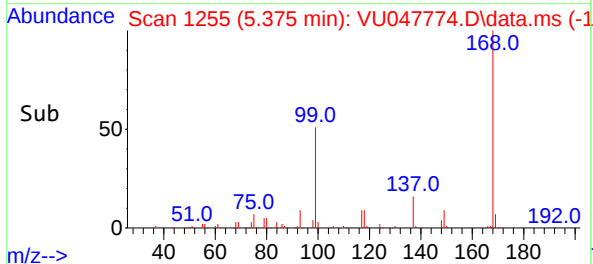
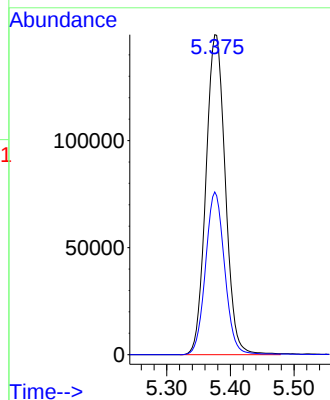
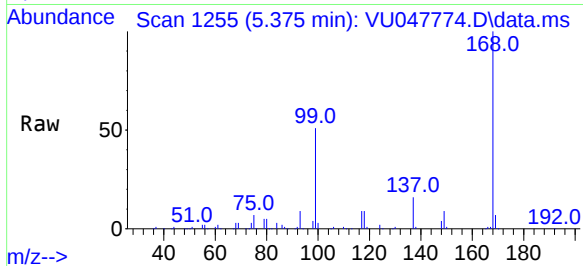




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047774.D
Acq: 31 Mar 2022 15:35

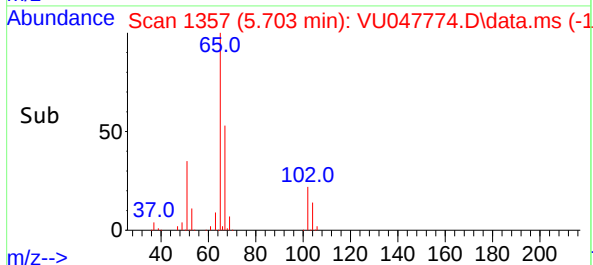
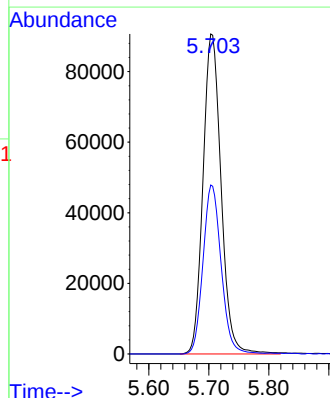
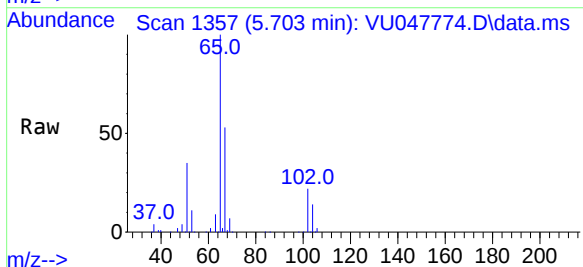
Instrument :
MSVOA_U
ClientSampleId :
VU0331WBL02

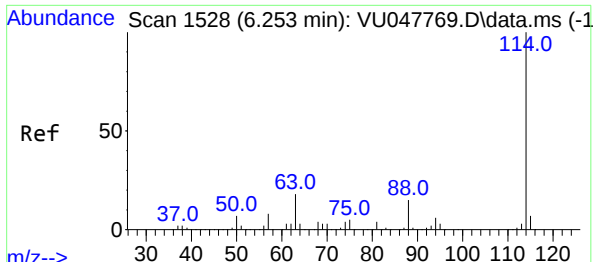
Tgt Ion:168 Resp: 316475
Ion Ratio Lower Upper
168 100
99 50.9 39.3 58.9



#33
1,2-Dichloroethane-d4
Concen: 56.046 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU047774.D
Acq: 31 Mar 2022 15:35

Tgt Ion: 65 Resp: 190287
Ion Ratio Lower Upper
65 100
67 52.9 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: VU047774.D

Acq: 31 Mar 2022 15:35

Instrument :

MSVOA_U

ClientSampleId :

VU0331WBL02

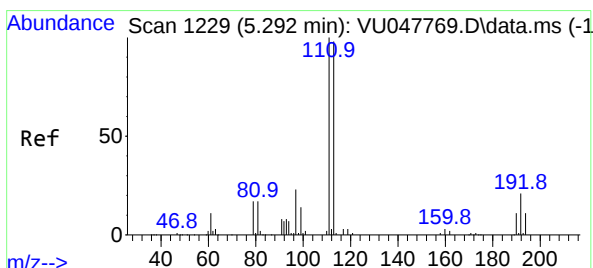
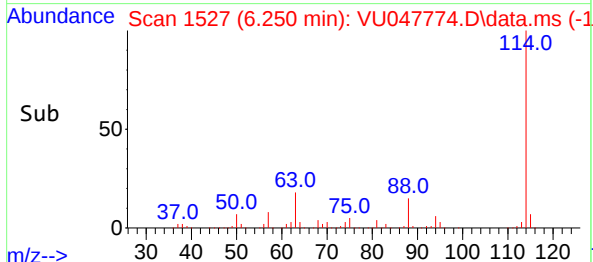
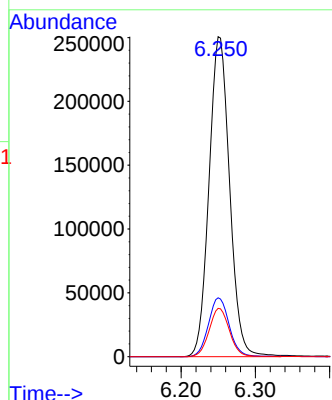
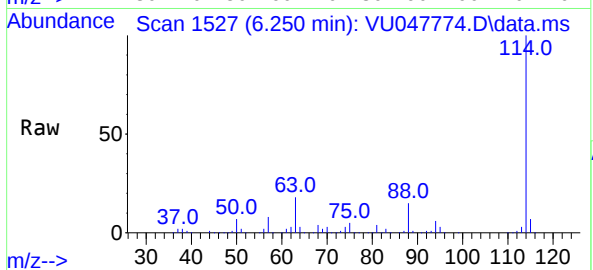
Tgt Ion:114 Resp: 481653

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.8

88 15.1 0.0 29.2



#35

Dibromofluoromethane

Concen: 52.860 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU047774.D

Acq: 31 Mar 2022 15:35

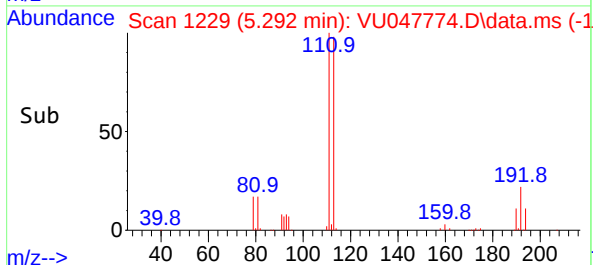
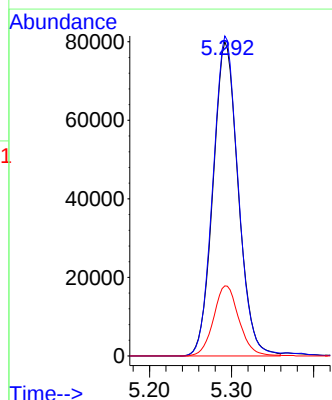
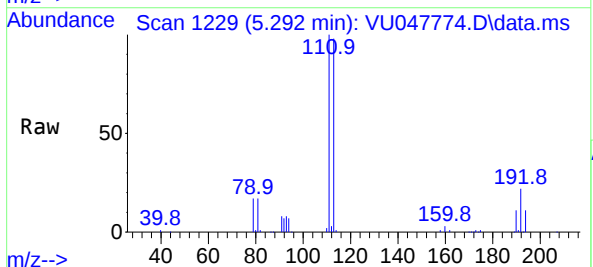
Tgt Ion:113 Resp: 170744

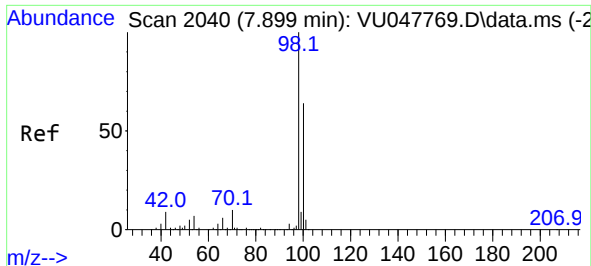
Ion Ratio Lower Upper

113 100

111 101.8 82.1 123.1

192 22.6 18.0 27.0

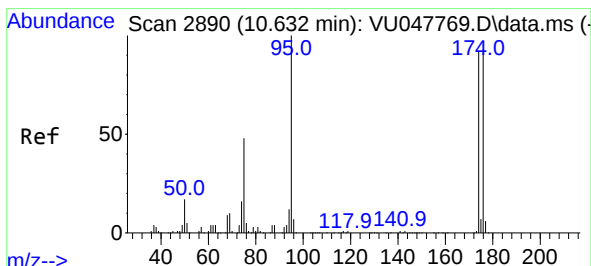
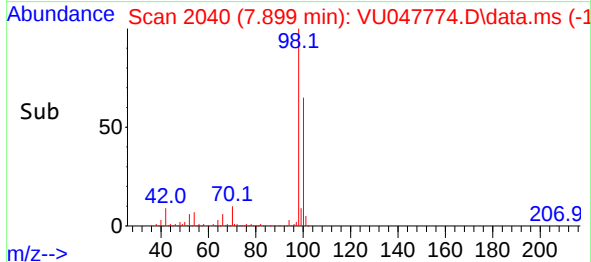
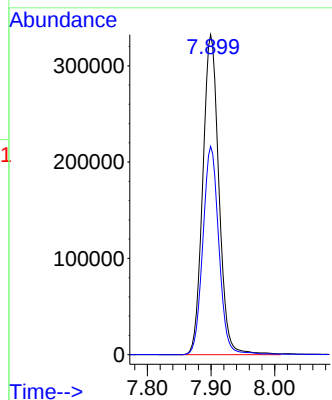
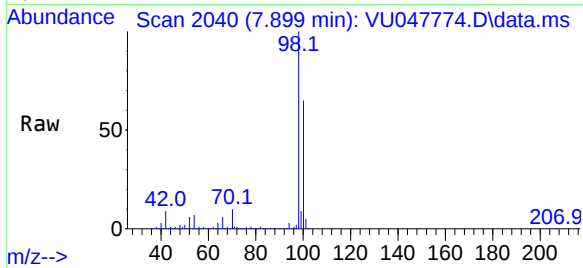




#50
Toluene-d8
Concen: 50.382 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU047774.D
Acq: 31 Mar 2022 15:35

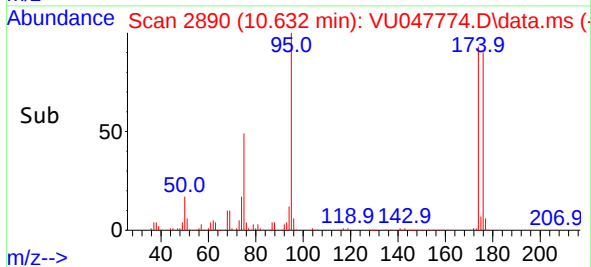
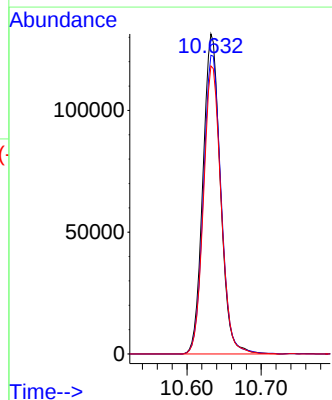
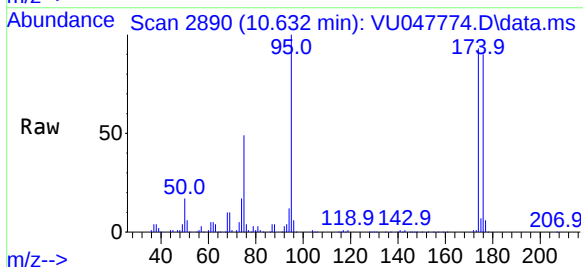
Instrument :
MSVOA_U
ClientSampleId :
VU0331WBL02

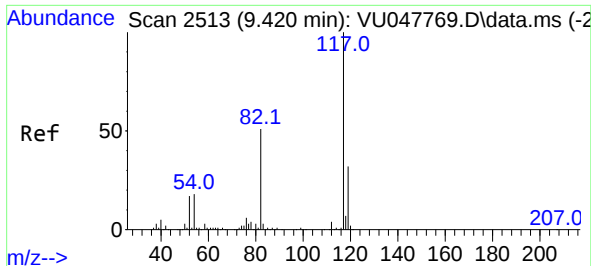
Tgt Ion: 98 Resp: 586299
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 47.242 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU047774.D
Acq: 31 Mar 2022 15:35

Tgt Ion: 95 Resp: 214106
Ion Ratio Lower Upper
95 100
174 94.5 0.0 182.0
176 90.6 0.0 177.8

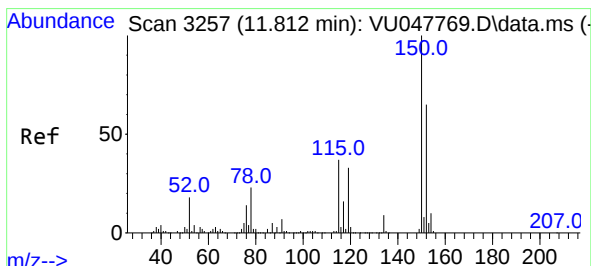
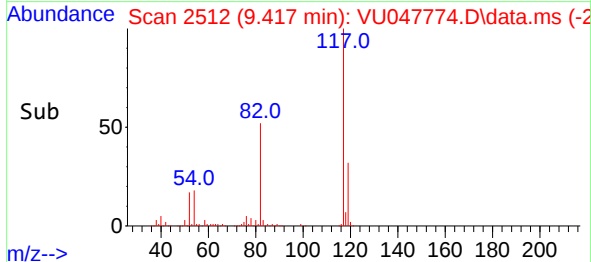
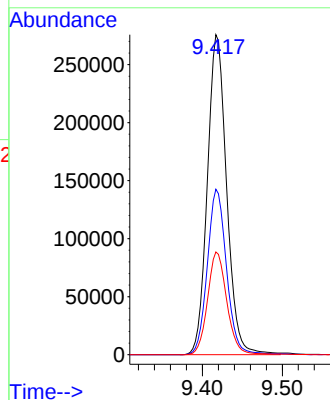
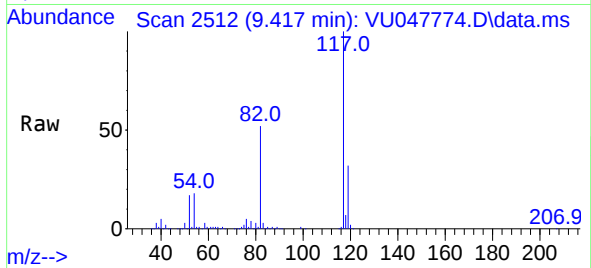




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047774.D
Acq: 31 Mar 2022 15:35

Instrument :
MSVOA_U
ClientSampleId :
VU0331WBL02

Tgt Ion:117 Resp: 463392
Ion Ratio Lower Upper
117 100
82 51.7 41.7 62.5
119 32.1 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: VU047774.D
Acq: 31 Mar 2022 15:35

Tgt Ion:152 Resp: 247975
Ion Ratio Lower Upper
152 100
115 54.7 37.0 110.9
150 156.7 0.0 342.2

