

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
 Data File : VU045493.D
 Acq On : 01 Nov 2021 17:44
 Operator : SY/MD
 Sample : BLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BLK

Quant Time: Nov 02 07:34:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	1279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	2733	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	3995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	3185	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	1566	75.207	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	150.420%#
35) Dibromofluoromethane	5.301	113	937m	53.920	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.840%
50) Toluene-d8	7.902	98	3233	47.443	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.880%
62) 4-Bromofluorobenzene	10.636	95	2078	80.024	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	160.040%#

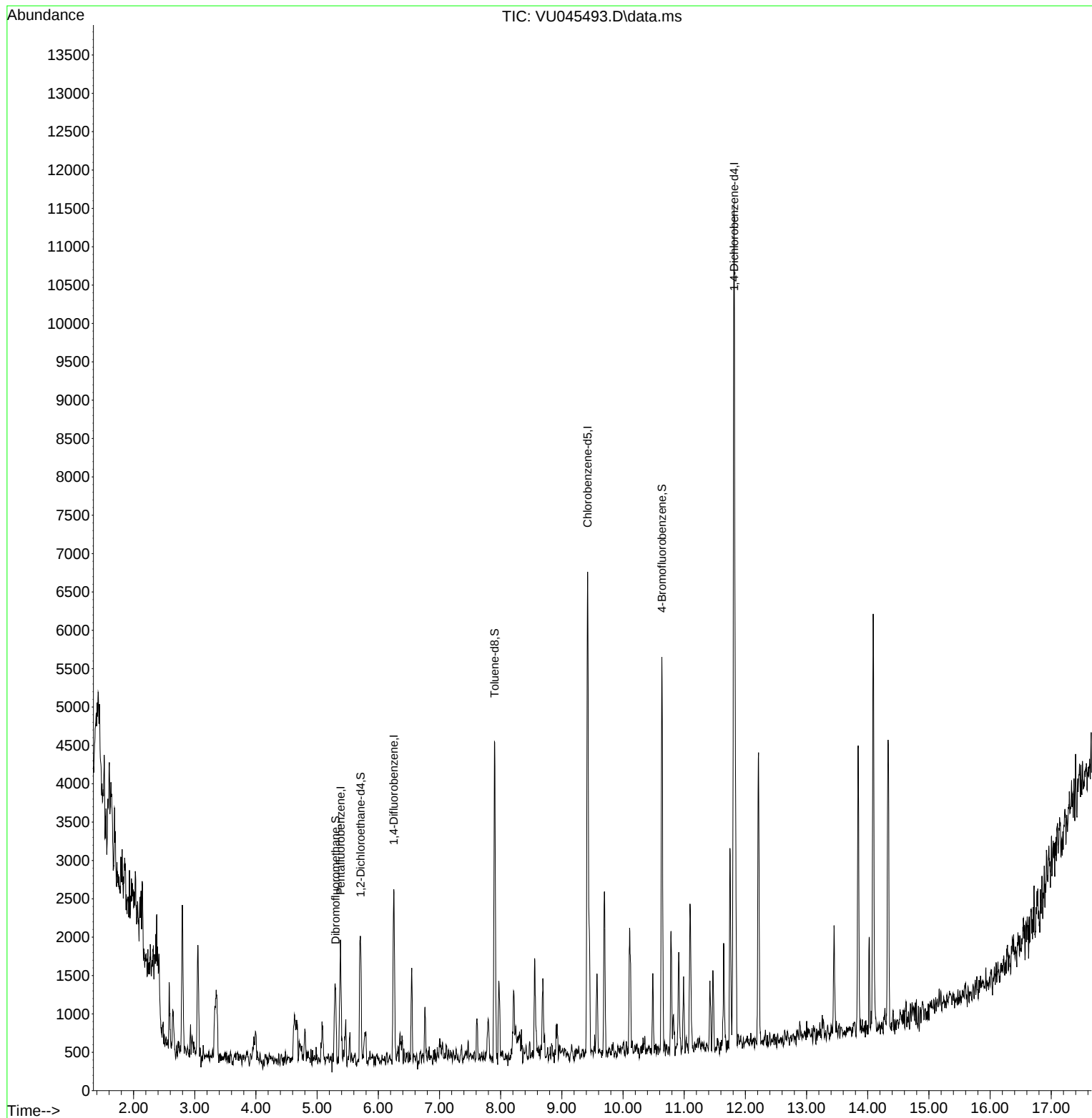
Target Compounds	Qvalue

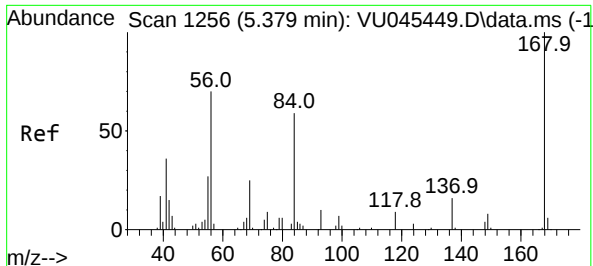
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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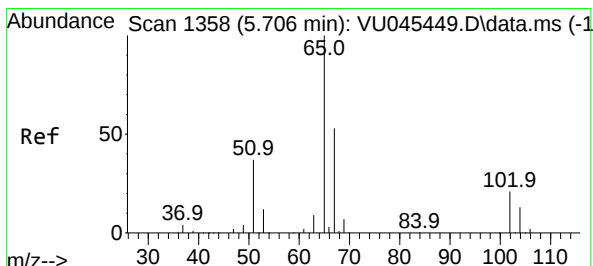
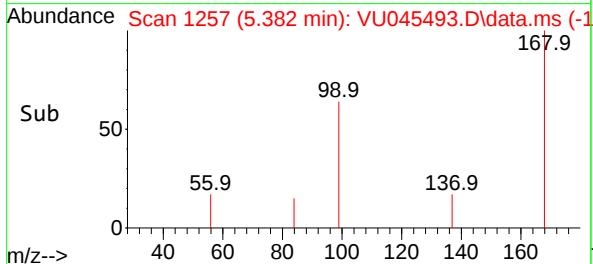
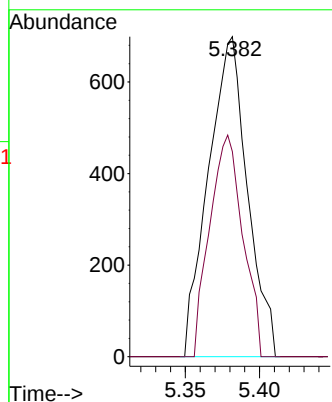
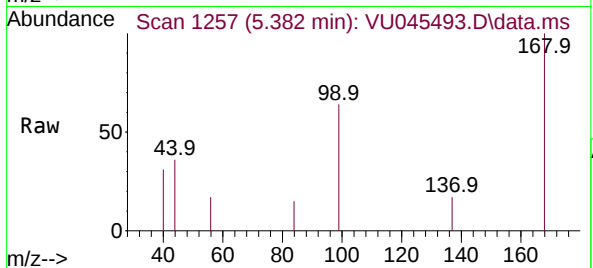




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. 0.003 min
Lab File: VU045493.D
Acq: 01 Nov 2021 17:44

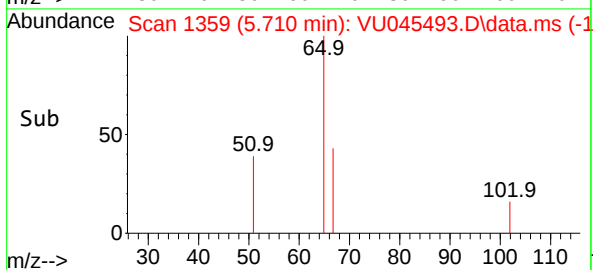
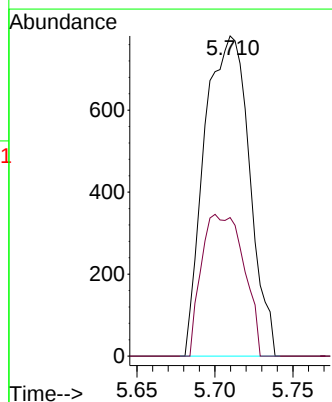
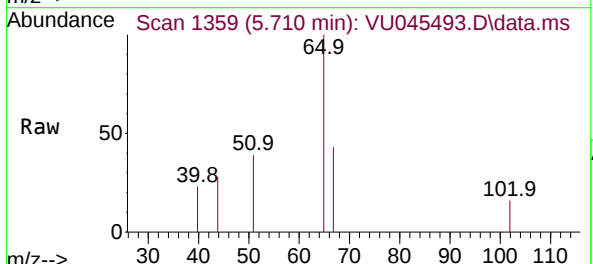
Instrument :
MSVOA_U
ClientSampleId :
BLK

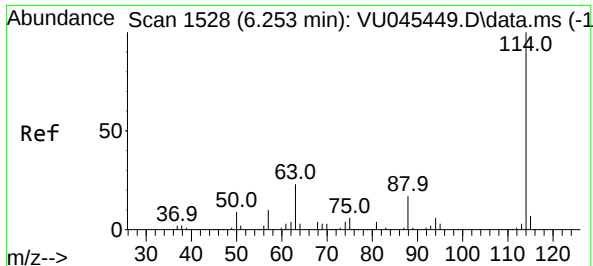
Tgt Ion:168 Resp: 1279
Ion Ratio Lower Upper
168 100
99 64.1 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 75.207 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. 0.003 min
Lab File: VU045493.D
Acq: 01 Nov 2021 17:44

Tgt Ion: 65 Resp: 1566
Ion Ratio Lower Upper
65 100
67 41.6 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045493.D

Acq: 01 Nov 2021 17:44

Instrument :

MSVOA_U

ClientSampleId :

BLK

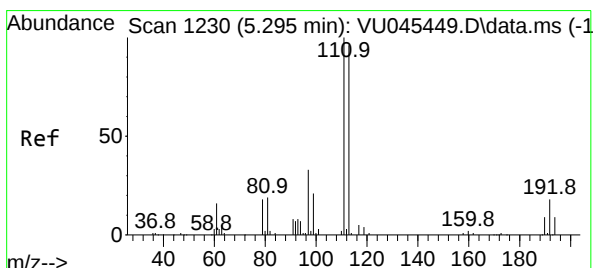
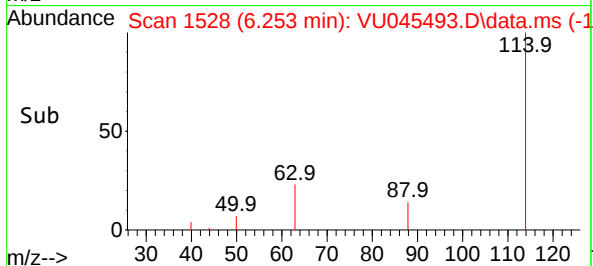
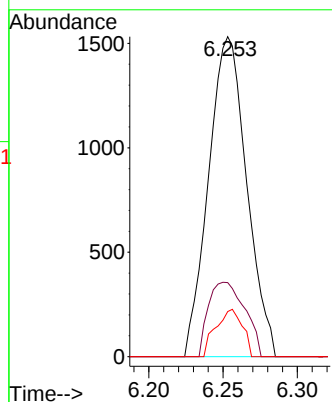
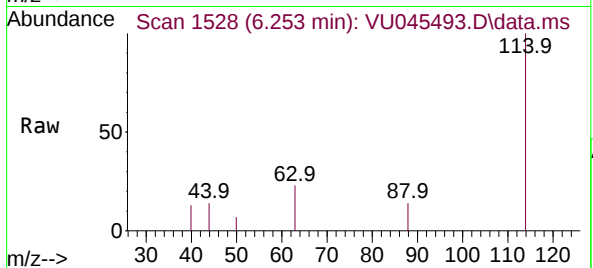
Tgt Ion:114 Resp: 2733

Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.6

88 14.1 0.0 33.8



#35

Dibromofluoromethane

Concen: 53.920 ug/l m

RT: 5.301 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VU045493.D

Acq: 01 Nov 2021 17:44

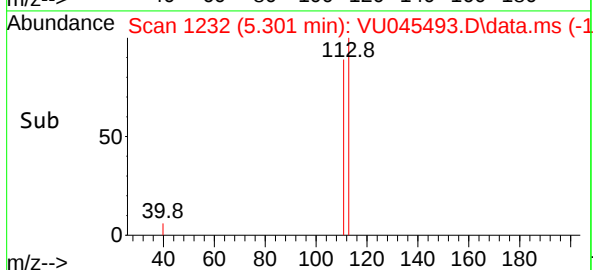
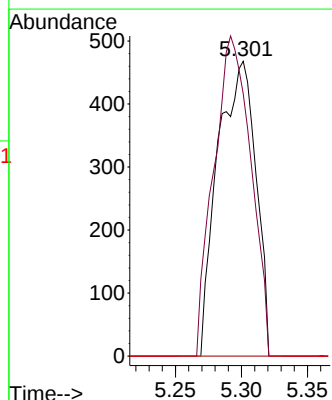
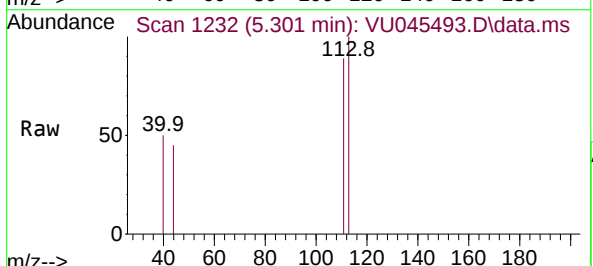
Tgt Ion:113 Resp: 937

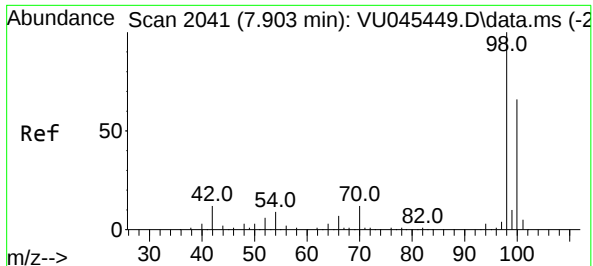
Ion Ratio Lower Upper

113 100

111 0.0 82.8 124.2#

192 0.0 14.8 22.2#

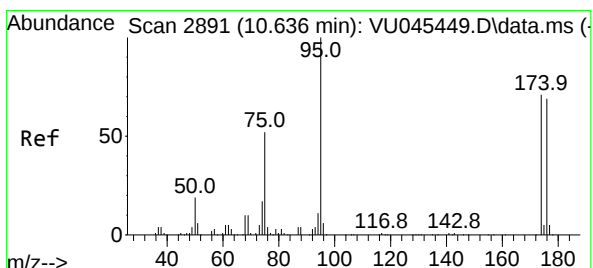
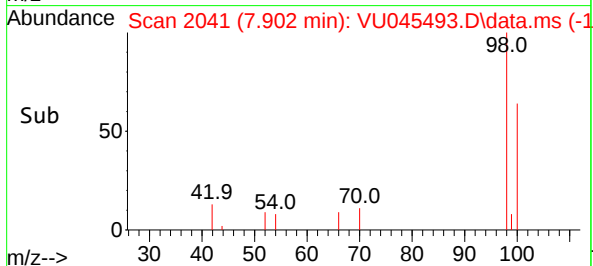
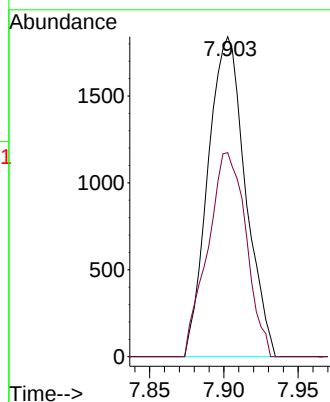
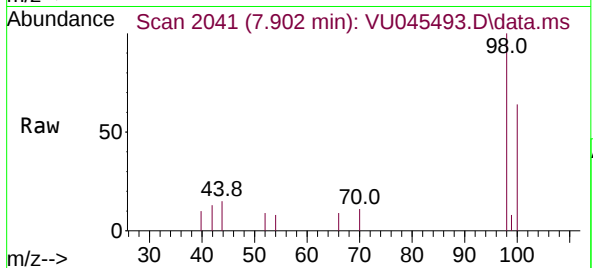




#50
Toluene-d8
Concen: 47.443 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VU045493.D
Acq: 01 Nov 2021 17:44

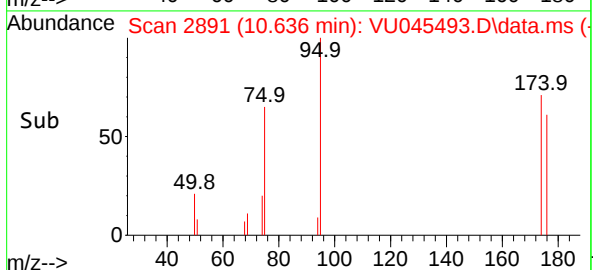
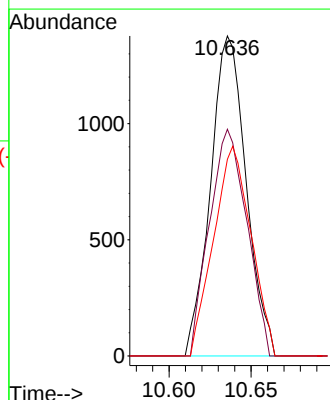
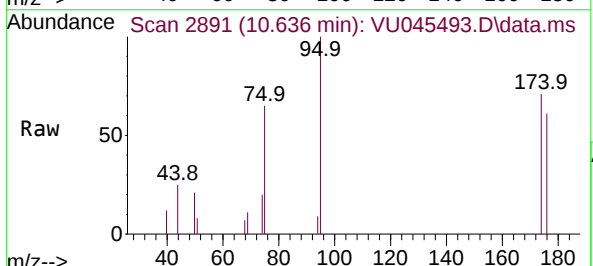
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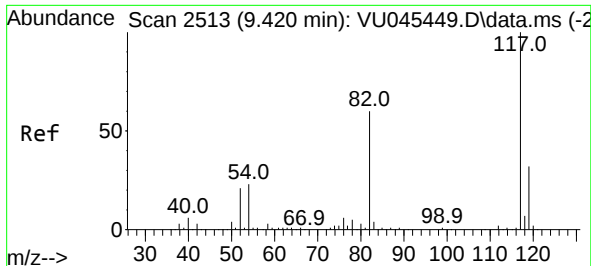
Tgt Ion: 98 Resp: 3233
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 80.024 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU045493.D
Acq: 01 Nov 2021 17:44

Tgt Ion: 95 Resp: 2078
Ion Ratio Lower Upper
95 100
174 74.3 0.0 141.8
176 68.9 0.0 138.2

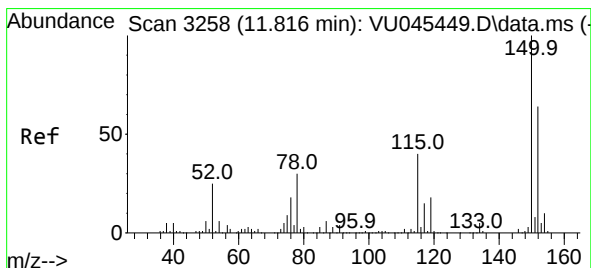
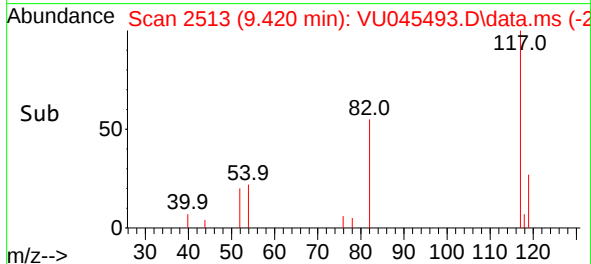
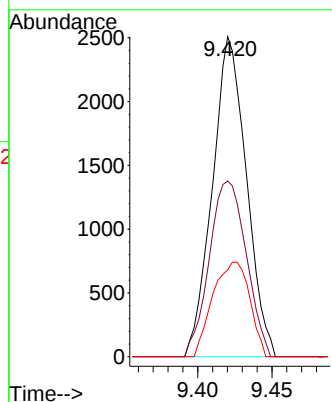
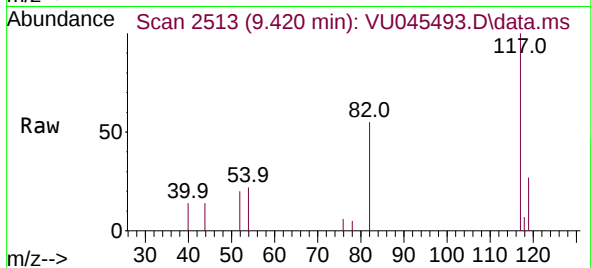




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045493.D
Acq: 01 Nov 2021 17:44

Instrument :
MSVOA_U
ClientSampleId :
BLK

Tgt Ion:	117	Resp:	3995
Ion	Ratio	Lower	Upper
117	100		
82	54.9	47.8	71.8
119	27.2	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. -0.000 min
Lab File: VU045493.D
Acq: 01 Nov 2021 17:44

Tgt Ion:	152	Resp:	3185
Ion	Ratio	Lower	Upper
152	100		
115	61.4	42.7	128.1
150	156.2	0.0	346.8

