

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074921.D
 Acq On : 12 Nov 2022 07:25
 Operator : VA/SY
 Sample : N5531-10RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-30RE

Quant Time: Nov 14 01:00:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	871	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.769	114	2190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	2087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	1489	285.143	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 570.280%#	
35) Dibromofluoromethane	7.810	113	773	57.260	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.520%	
50) Toluene-d8	10.263	98	2289	51.474	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.940%	
62) 4-Bromofluorobenzene	12.575	95	700	51.263	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.520%	

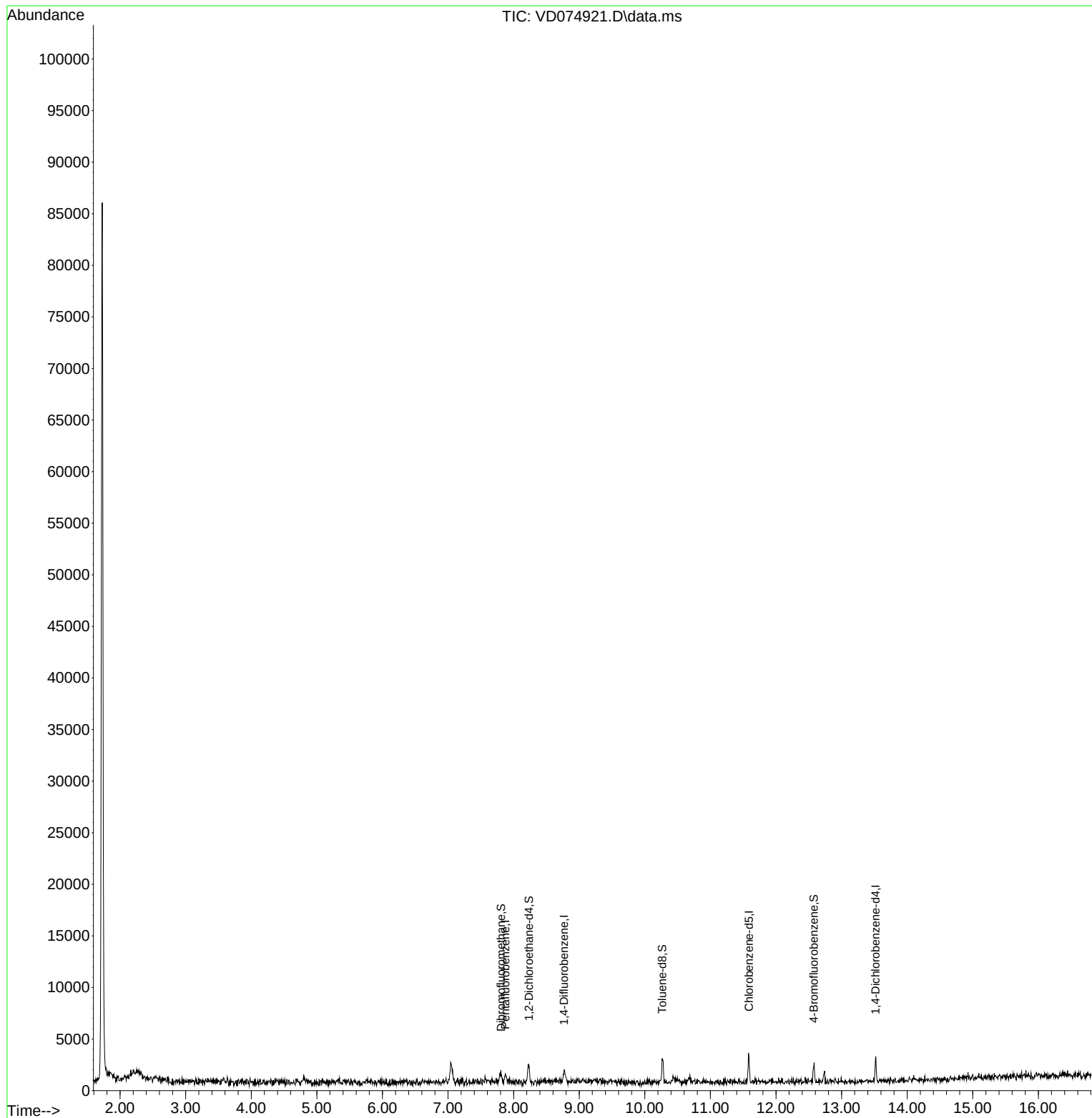
Target Compounds	Qvalue

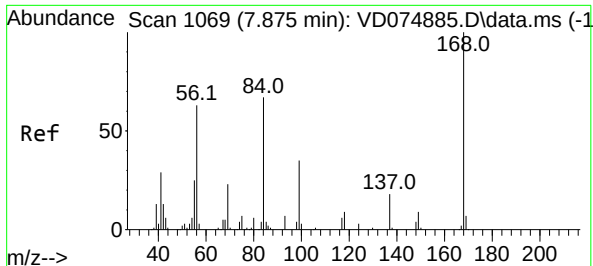
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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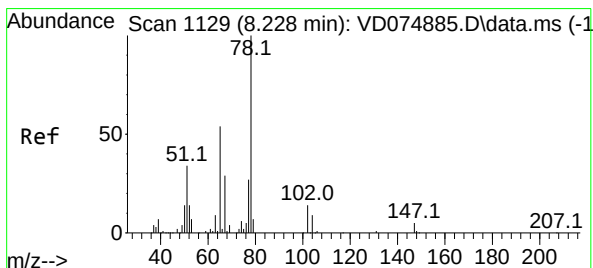
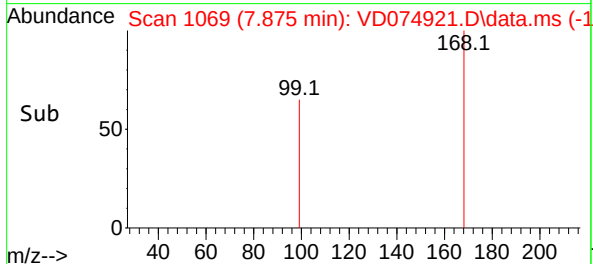
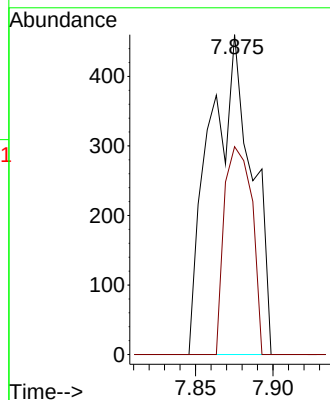
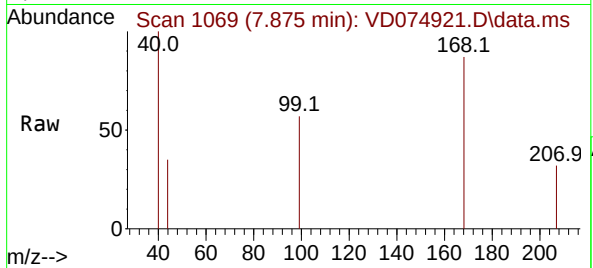




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD074921.D
Acq: 12 Nov 2022 07:25

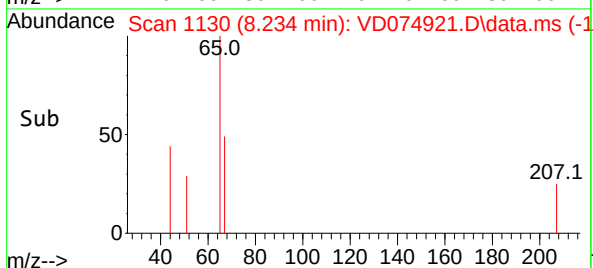
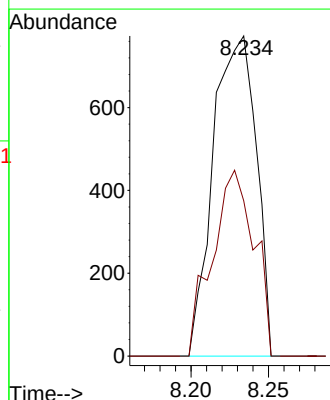
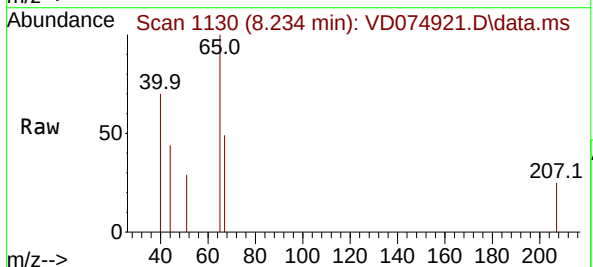
Instrument :
MSVOA_D
ClientSampleId :
SB-30RE

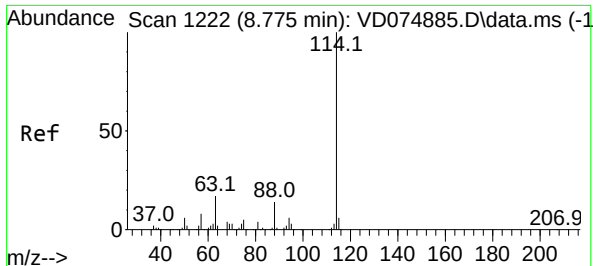
Tgt Ion:168 Resp: 871
Ion Ratio Lower Upper
168 100
99 65.0 40.9 61.3#



#33
1,2-Dichloroethane-d4
Concen: 285.143 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074921.D
Acq: 12 Nov 2022 07:25

Tgt Ion: 65 Resp: 1489
Ion Ratio Lower Upper
65 100
67 56.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074921.D

Acq: 12 Nov 2022 07:25

Instrument :

MSVOA_D

ClientSampleId :

SB-30RE

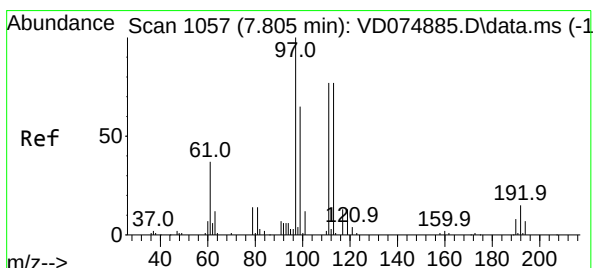
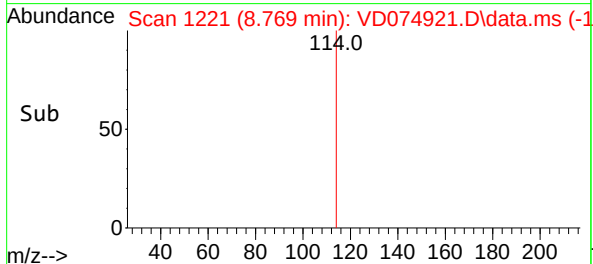
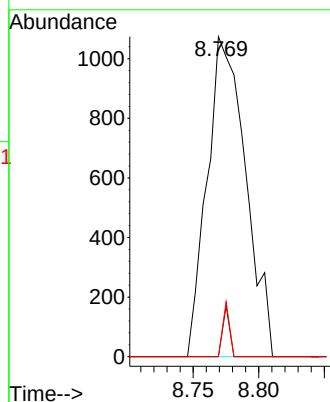
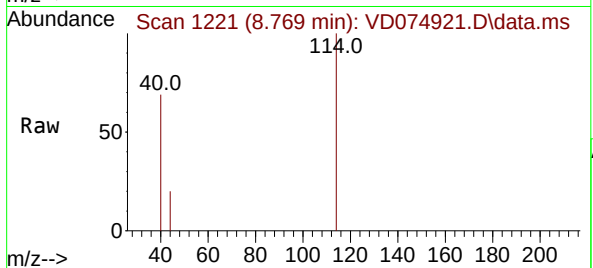
Tgt Ion:114 Resp: 2190

Ion Ratio Lower Upper

114 100

63 0.0 0.0 33.2

88 0.0 0.0 28.2



#35

Dibromofluoromethane

Concen: 57.260 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074921.D

Acq: 12 Nov 2022 07:25

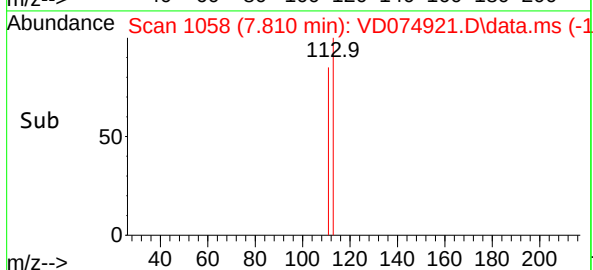
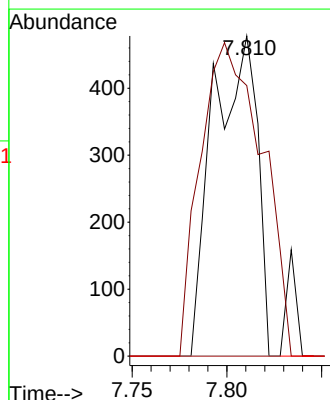
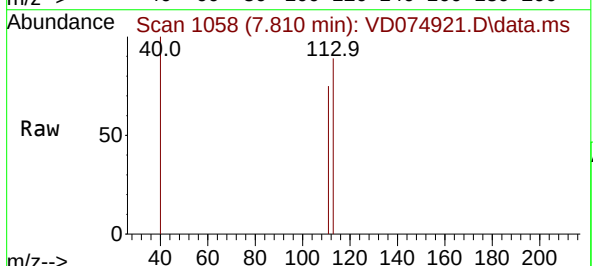
Tgt Ion:113 Resp: 773

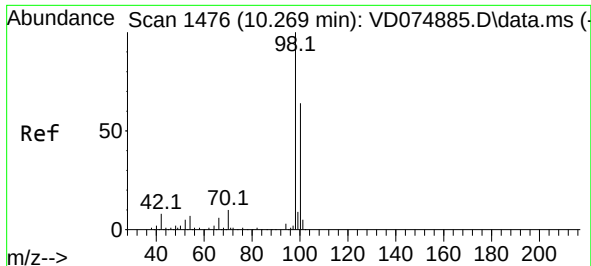
Ion Ratio Lower Upper

113 100

111 137.3 82.3 123.5#

192 0.0 16.4 24.6#

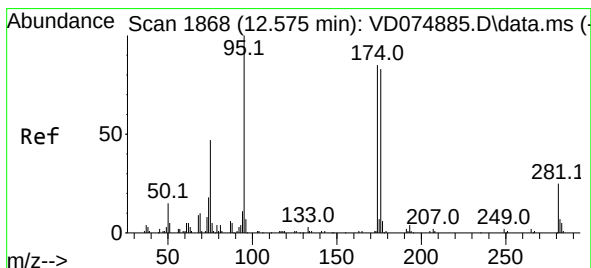
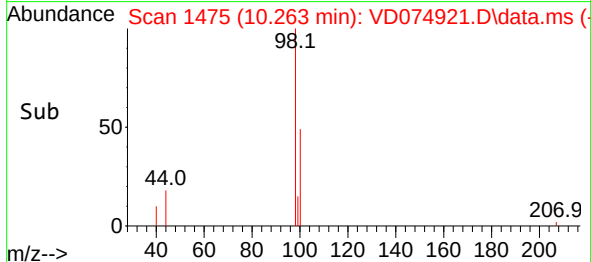
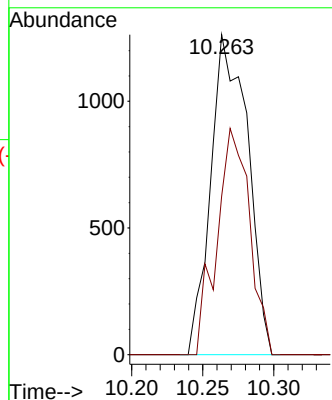
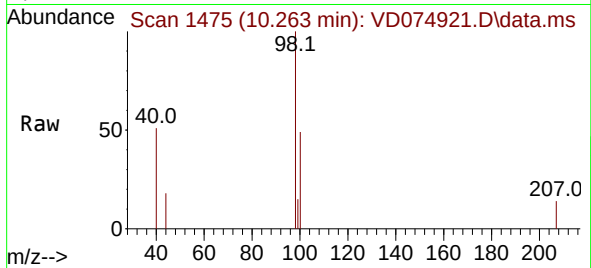




#50
Toluene-d8
Concen: 51.474 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD074921.D
Acq: 12 Nov 2022 07:25

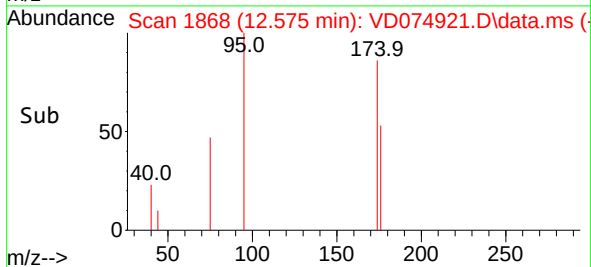
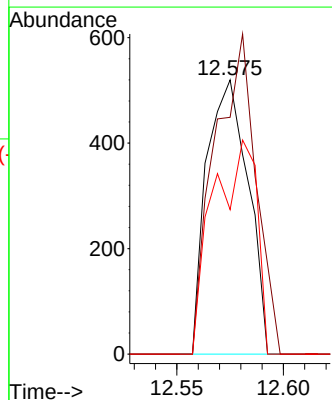
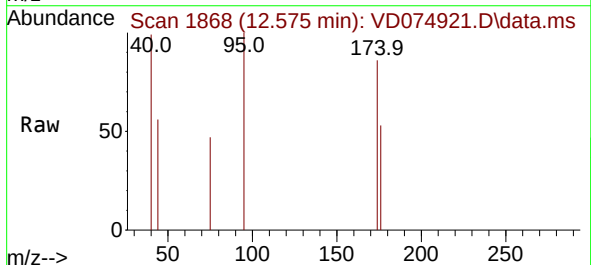
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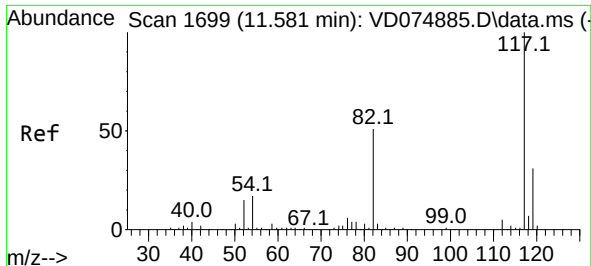
Tgt Ion: 98 Resp: 2289
Ion Ratio Lower Upper
98 100
100 62.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 51.263 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074921.D
Acq: 12 Nov 2022 07:25

Tgt Ion: 95 Resp: 700
Ion Ratio Lower Upper
95 100
174 116.1 0.0 197.0
176 82.7 0.0 182.6

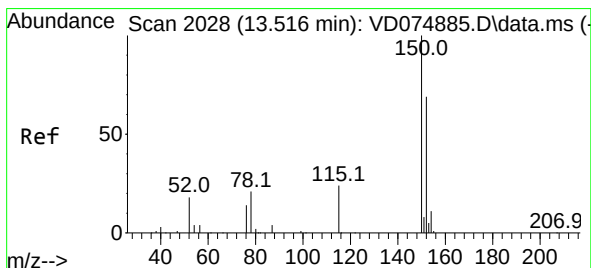
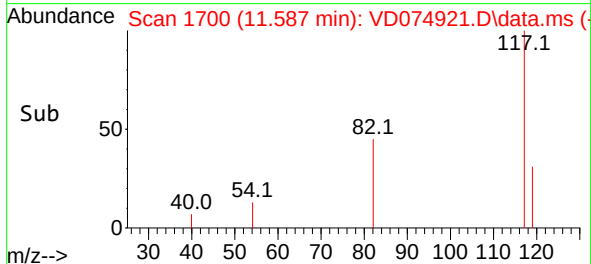
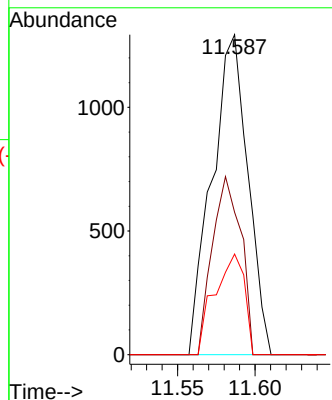
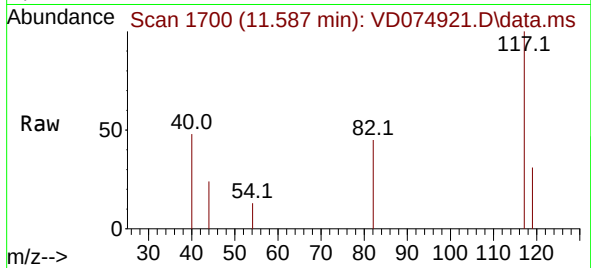




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074921.D
Acq: 12 Nov 2022 07:25

Instrument :
MSVOA_D
ClientSampleId :
SB-30RE

Tgt Ion:117 Resp: 2087
Ion Ratio Lower Upper
117 100
82 44.5 41.6 62.4
119 31.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074921.D
Acq: 12 Nov 2022 07:25

Tgt Ion:152 Resp: 901
Ion Ratio Lower Upper
152 100
115 46.3 26.8 80.4
150 165.4 0.0 348.2

