

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101322\
 Data File : VD074536.D
 Acq On : 13 Oct 2022 18:51
 Operator : VA/SY
 Sample : N5142-13
 Misc : 6.72G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-8

Quant Time: Oct 14 01:32:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	2348	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.769	114	4332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	3731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	1302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	1906	94.307	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 188.620%#	
35) Dibromofluoromethane	7.799	113	1509	58.285	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.580%	
50) Toluene-d8	10.269	98	5234	52.682	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.360%	
62) 4-Bromofluorobenzene	12.575	95	1405	45.649	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.300%	

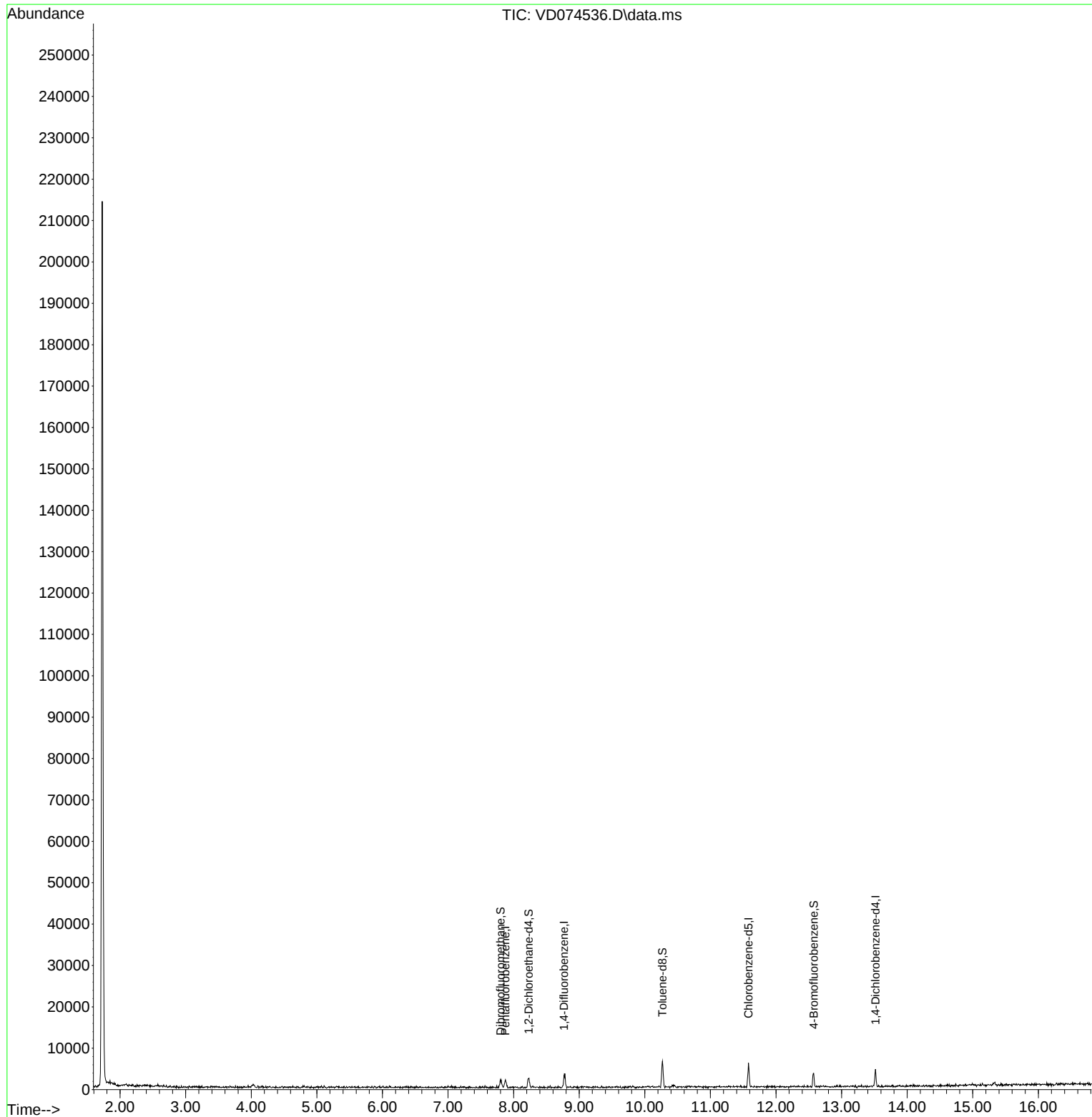
Target Compounds	Qvalue

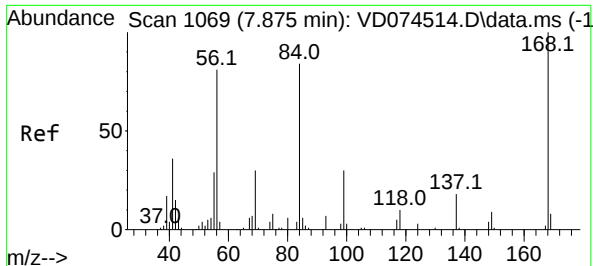
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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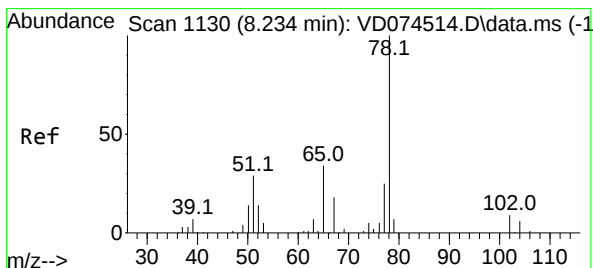
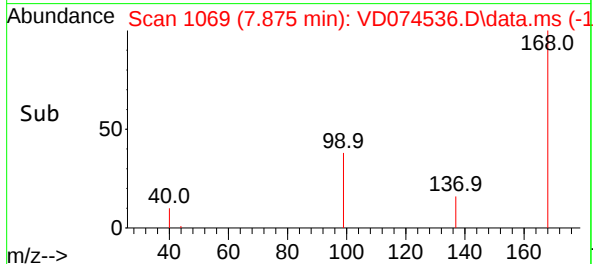
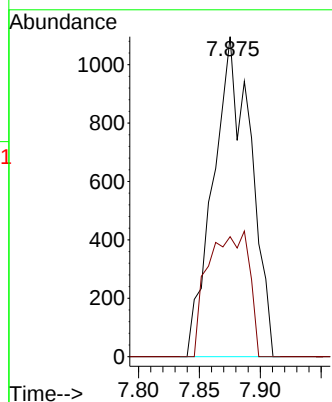
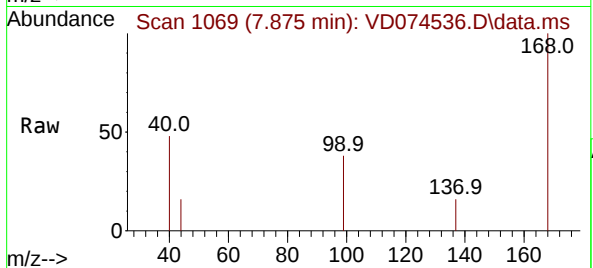




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074536.D
Acq: 13 Oct 2022 18:51

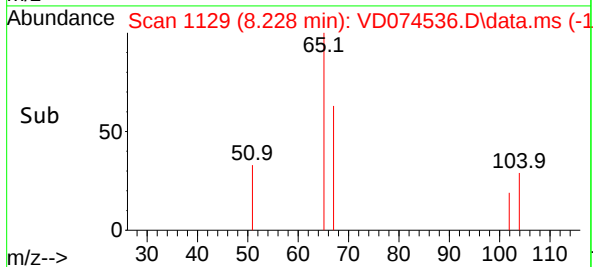
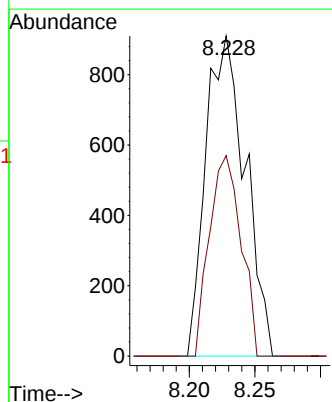
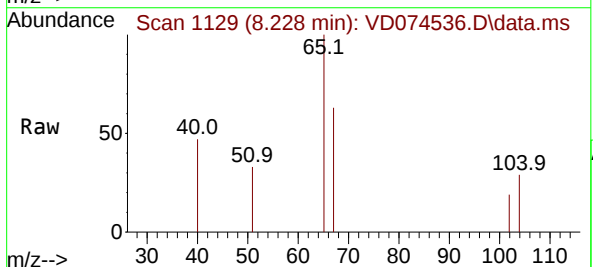
Instrument :
MSVOA_D
ClientSampleId :
WC-8

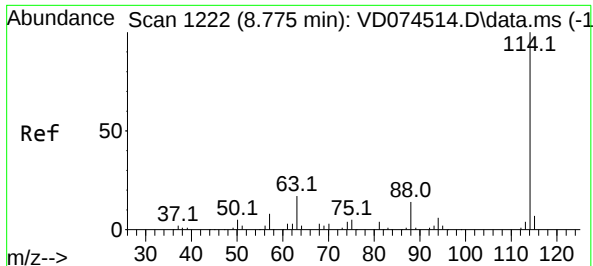
Tgt Ion:168 Resp: 2348
Ion Ratio Lower Upper
168 100
99 37.5 40.9 61.3#



#33
1,2-Dichloroethane-d4
Concen: 94.307 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074536.D
Acq: 13 Oct 2022 18:51

Tgt Ion: 65 Resp: 1906
Ion Ratio Lower Upper
65 100
67 50.2 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.769 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD074536.D

Acq: 13 Oct 2022 18:51

Instrument :

MSVOA_D

ClientSampleId :

WC-8

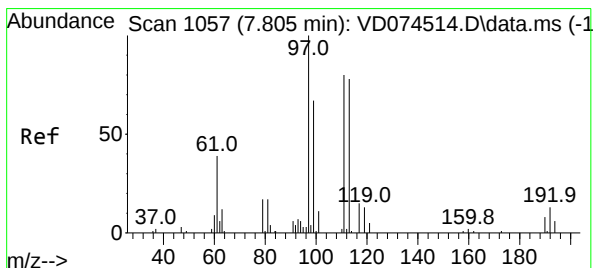
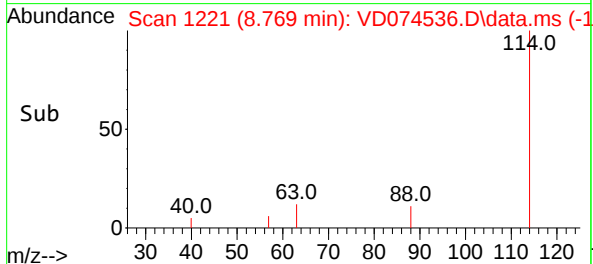
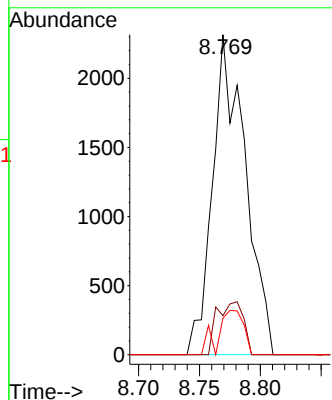
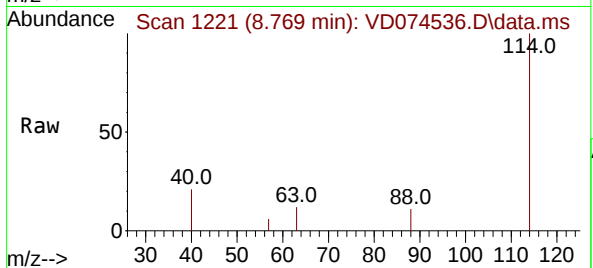
Tgt Ion:114 Resp: 4332

Ion Ratio Lower Upper

114 100

63 12.2 0.0 33.2

88 11.4 0.0 28.2



#35

Dibromofluoromethane

Concen: 58.285 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.005 min

Lab File: VD074536.D

Acq: 13 Oct 2022 18:51

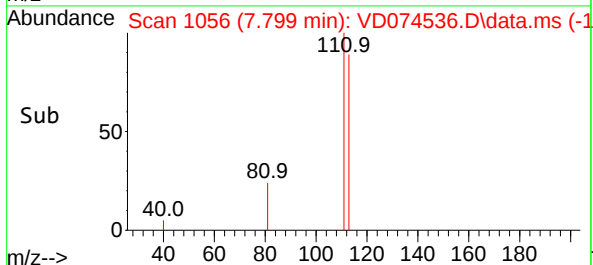
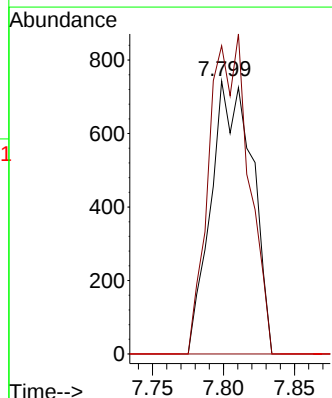
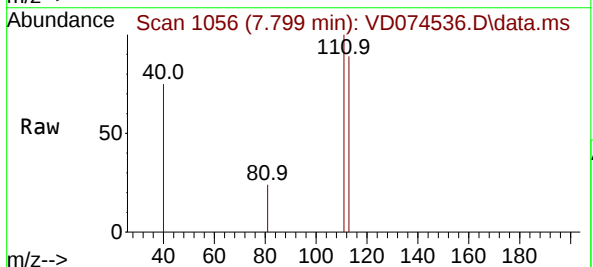
Tgt Ion:113 Resp: 1509

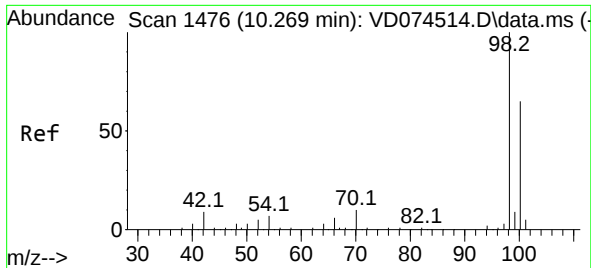
Ion Ratio Lower Upper

113 100

111 111.7 82.3 123.5

192 0.0 16.4 24.6#

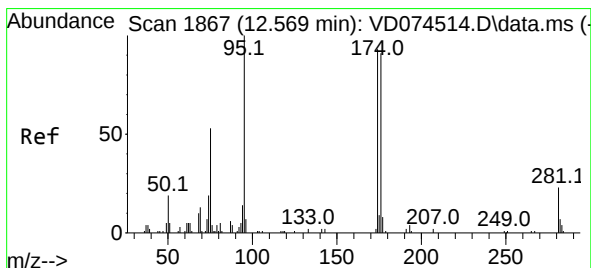
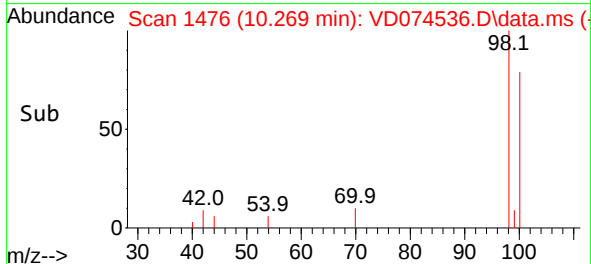
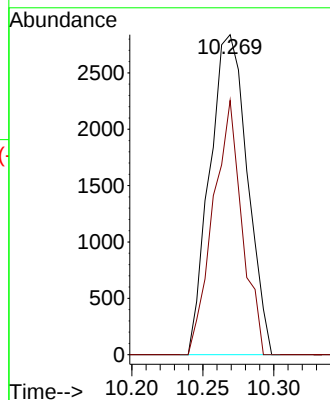
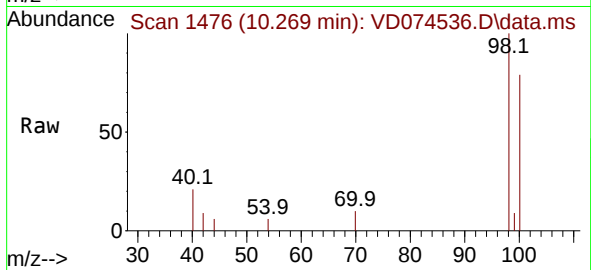




#50
Toluene-d8
Concen: 52.682 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074536.D
Acq: 13 Oct 2022 18:51

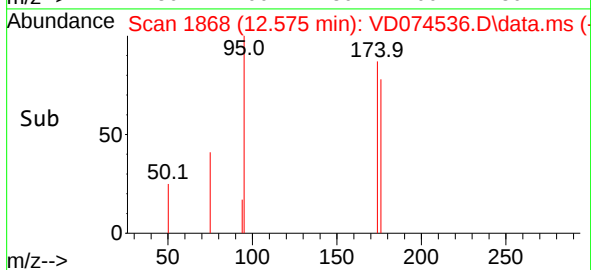
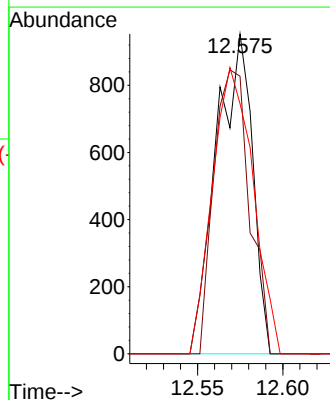
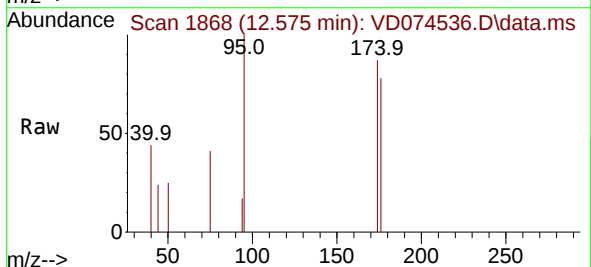
Instrument :
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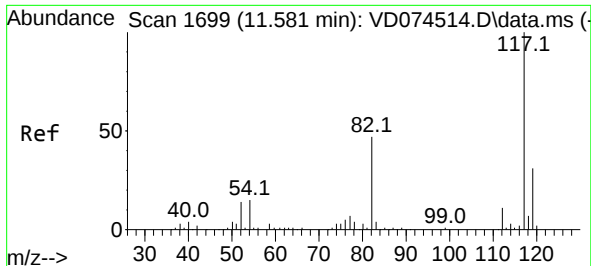
Tgt Ion: 98 Resp: 5234
Ion Ratio Lower Upper
98 100
100 61.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.649 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074536.D
Acq: 13 Oct 2022 18:51

Tgt Ion: 95 Resp: 1405
Ion Ratio Lower Upper
95 100
174 87.5 0.0 197.0
176 100.4 0.0 182.6

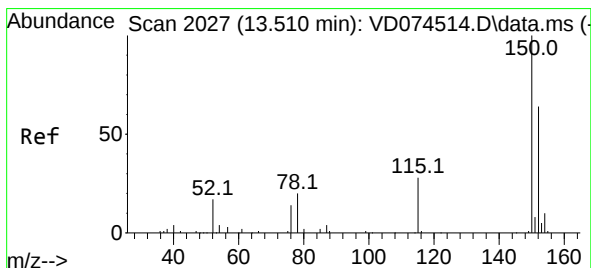
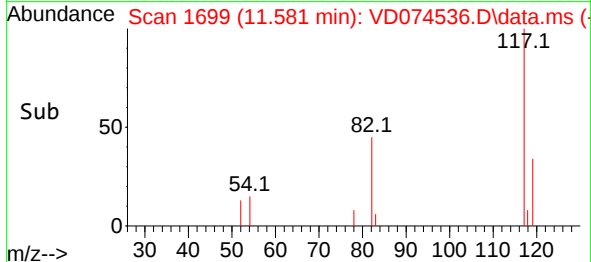
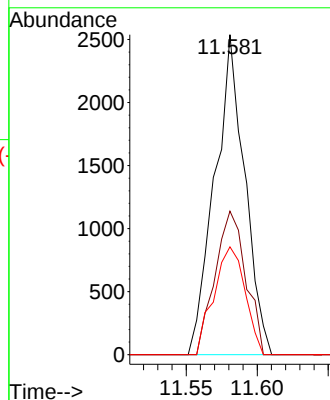
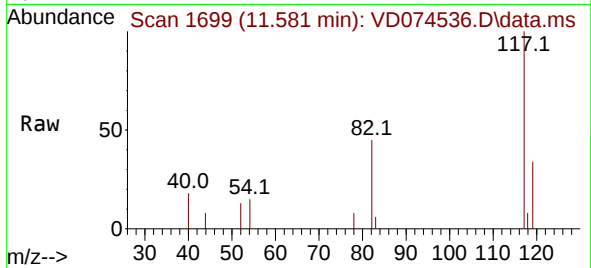




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074536.D
Acq: 13 Oct 2022 18:51

Instrument :
MSVOA_D
ClientSampleId :
WC-8

Tgt Ion:117	Resp:	3731
Ion	Ratio	Lower Upper
117	100	
82	44.8	41.6 62.4
119	33.7	25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074536.D
Acq: 13 Oct 2022 18:51

Tgt Ion:152	Resp:	1302
Ion	Ratio	Lower Upper
152	100	
115	67.1	26.8 80.4
150	181.1	0.0 348.2

