

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
 Data File : VD071470.D
 Acq On : 25 Dec 2021 20:56
 Operator : VA/SY
 Sample : M5223-05
 Misc : 7.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DB-17-(15-20)-12-22-21

Quant Time: Dec 27 00:52:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	8396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	13827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	12910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	5687	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	7302	65.485	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.980%
35) Dibromofluoromethane	7.903	113	4947	53.235	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.460%
50) Toluene-d8	10.338	98	16052	45.709	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.420%
62) 4-Bromofluorobenzene	12.626	95	5642	45.212	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.420%

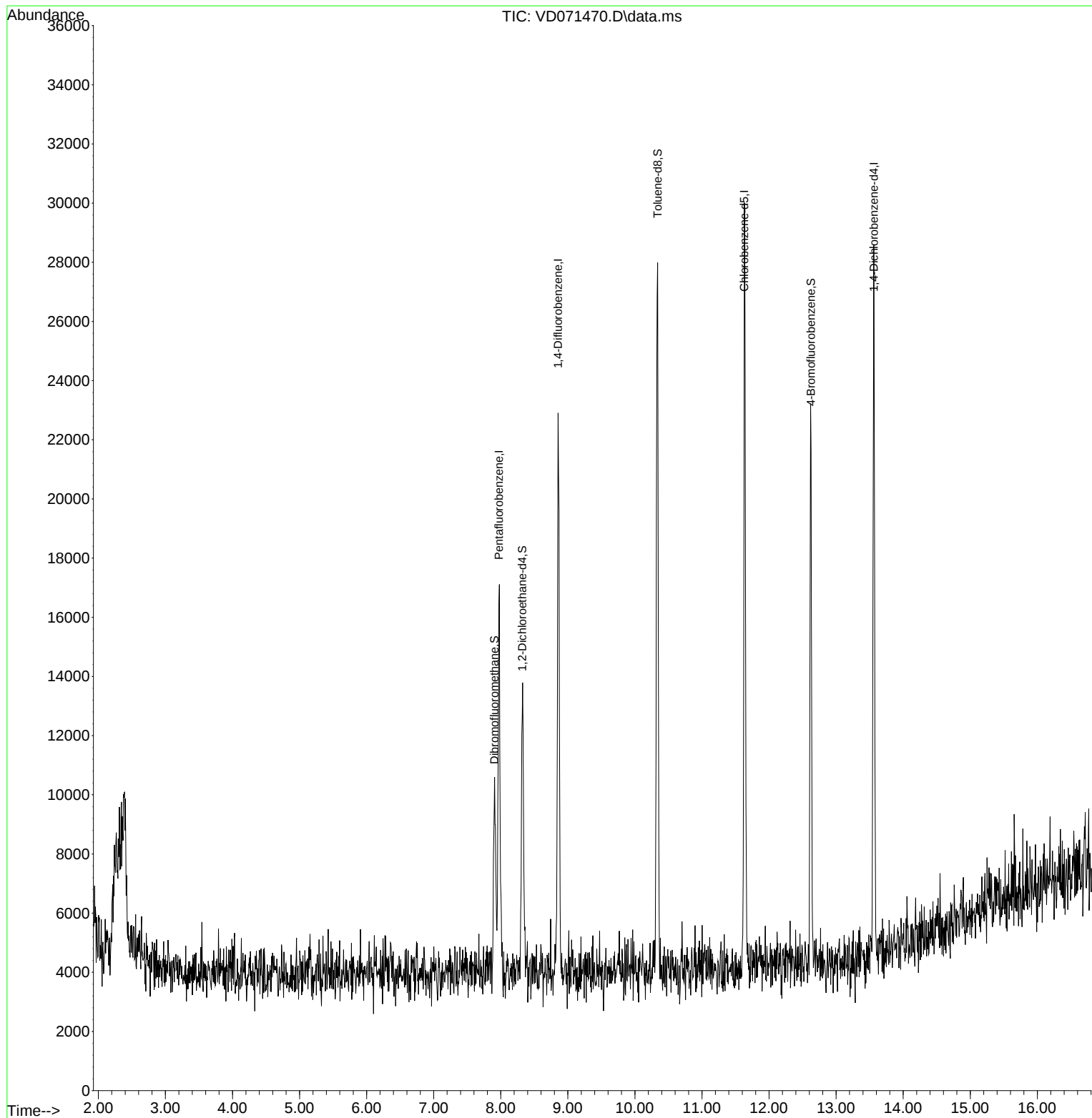
Target Compounds	Qvalue

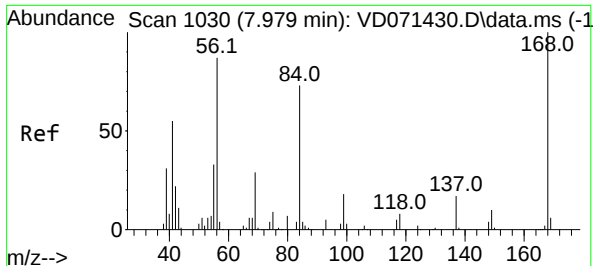
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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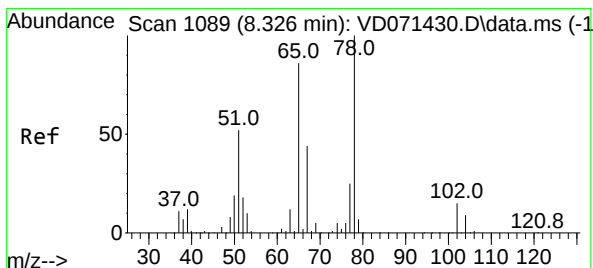
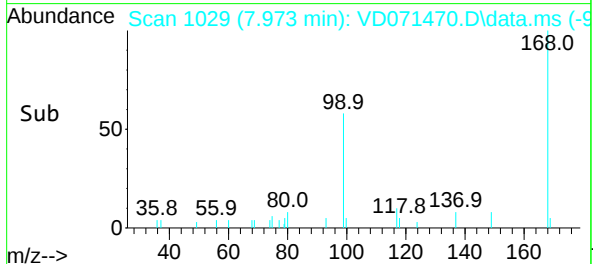
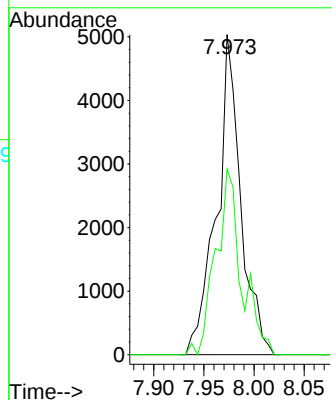
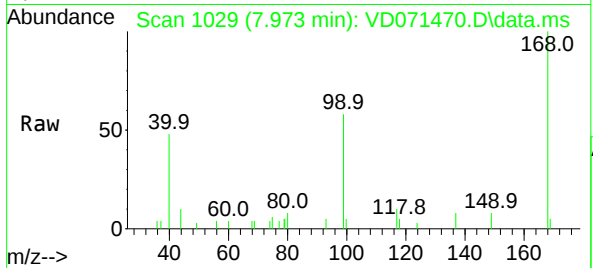




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD071470.D
Acq: 25 Dec 2021 20:56

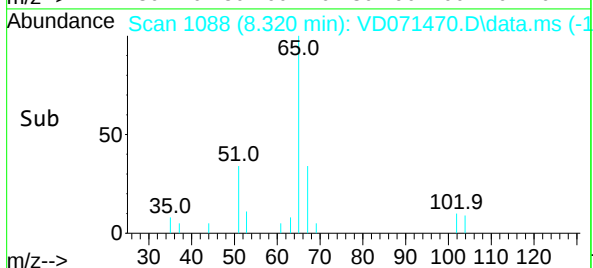
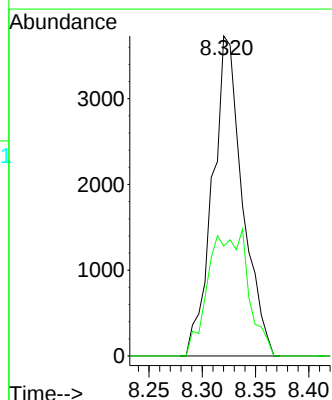
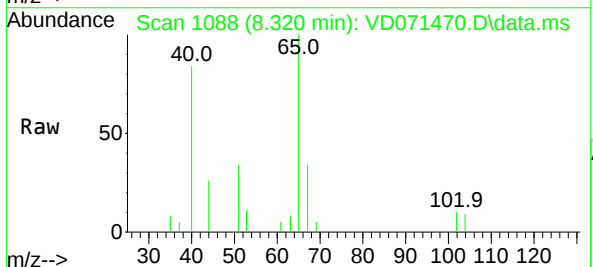
Instrument :
MSVOA_D
ClientSampleId :
DB-17-(15-20)-12-22-21

Tgt Ion:168 Resp: 8396
Ion Ratio Lower Upper
168 100
99 58.0 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 65.485 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD071470.D
Acq: 25 Dec 2021 20:56

Tgt Ion: 65 Resp: 7302
Ion Ratio Lower Upper
65 100
67 51.8 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071470.D

Acq: 25 Dec 2021 20:56

Instrument :

MSVOA_D

ClientSampleId :

DB-17-(15-20)-12-22-21

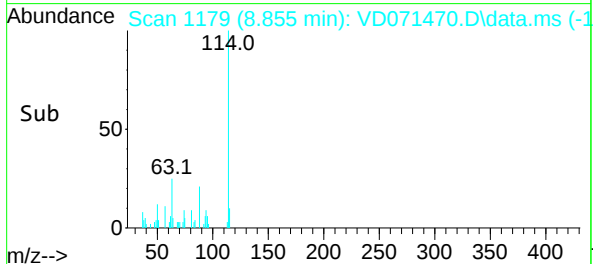
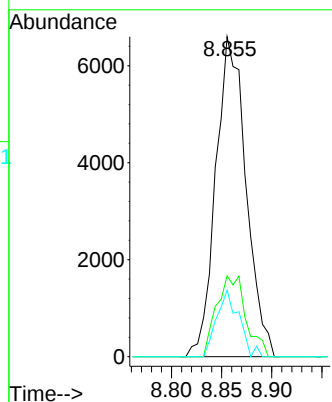
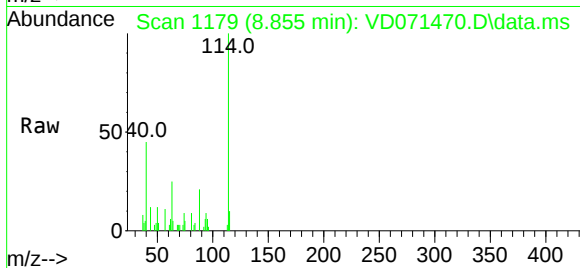
Tgt Ion:114 Resp: 13827

Ion Ratio Lower Upper

114 100

63 25.2 0.0 41.8

88 20.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 53.235 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.005 min

Lab File: VD071470.D

Acq: 25 Dec 2021 20:56

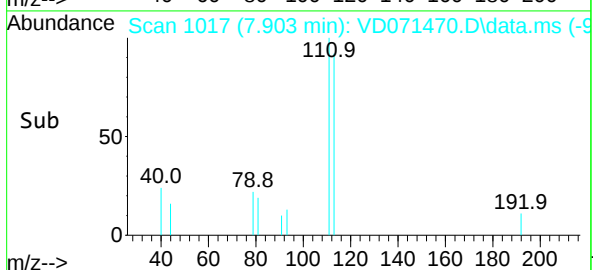
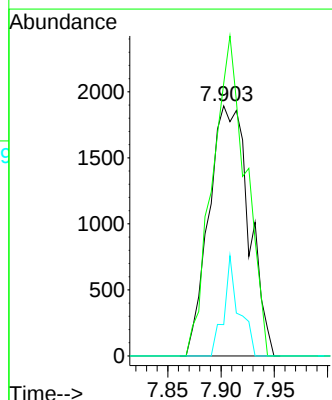
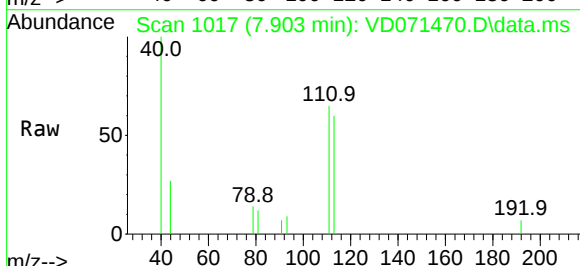
Tgt Ion:113 Resp: 4947

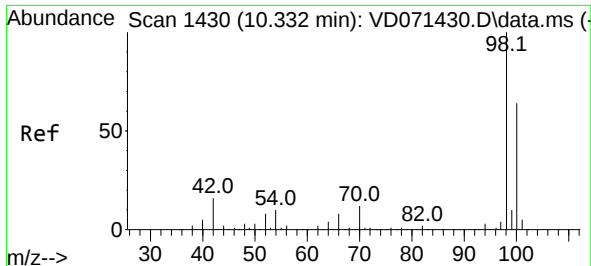
Ion Ratio Lower Upper

113 100

111 107.5 82.0 123.0

192 15.2 15.2 22.8#

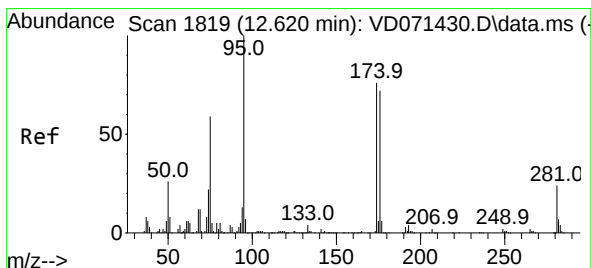
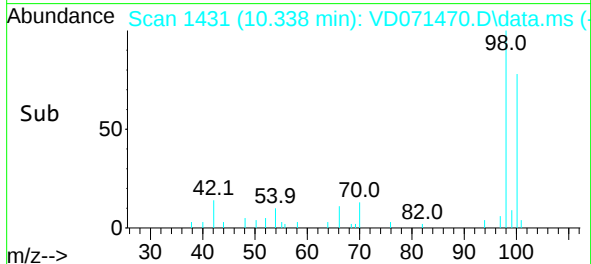
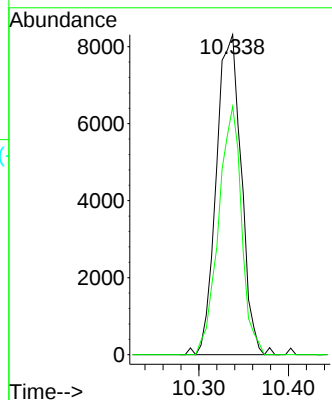
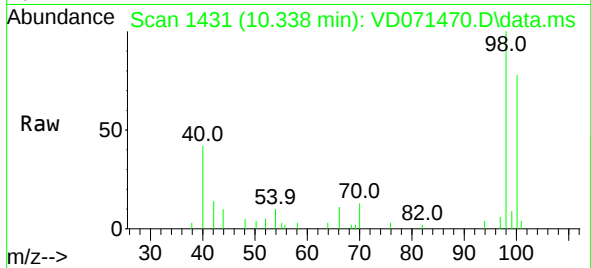




#50
Toluene-d8
Concen: 45.709 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071470.D
Acq: 25 Dec 2021 20:56

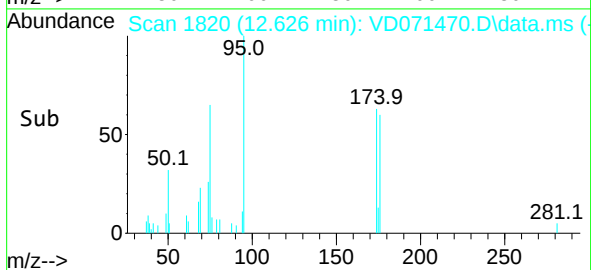
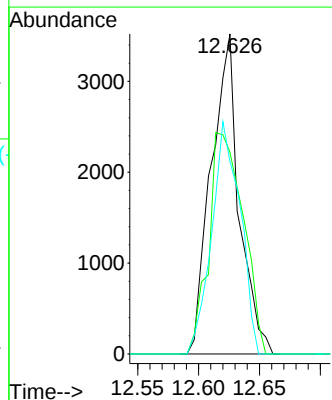
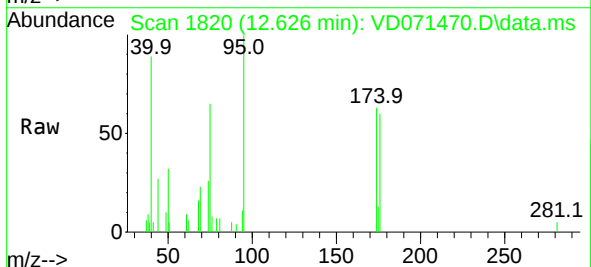
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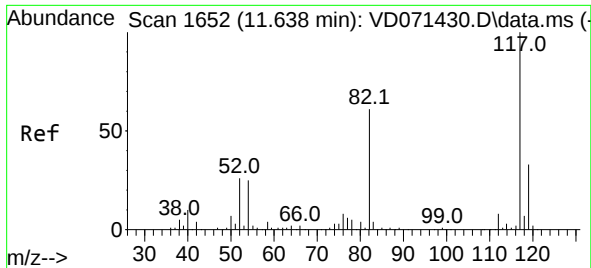
Tgt Ion: 98 Resp: 16052
Ion Ratio Lower Upper
98 100
100 71.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 45.212 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071470.D
Acq: 25 Dec 2021 20:56

Tgt Ion: 95 Resp: 5642
Ion Ratio Lower Upper
95 100
174 85.1 0.0 159.4
176 73.4 0.0 154.0

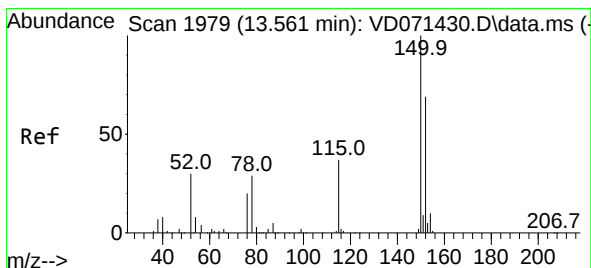
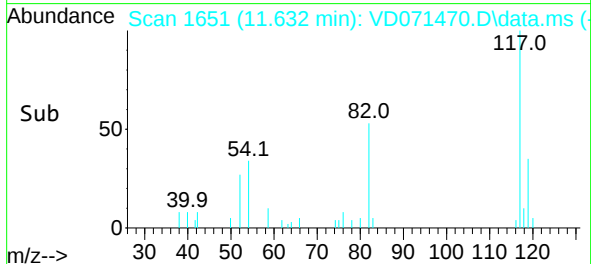
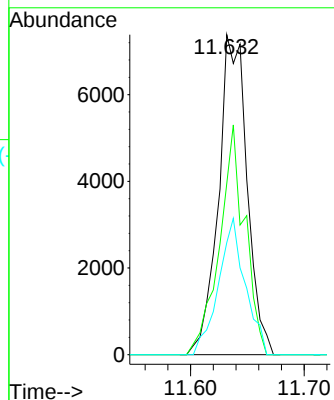
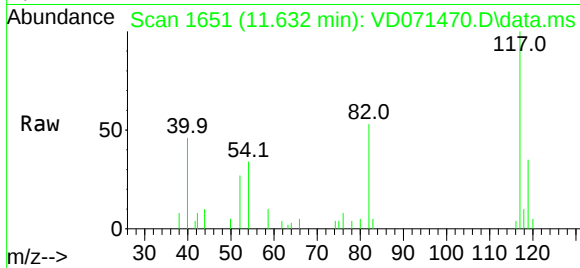




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD071470.D
Acq: 25 Dec 2021 20:56

Instrument :
MSVOA_D
ClientSampleId :
DB-17-(15-20)-12-22-21

Tgt Ion:	117	Resp:	12910
Ion	Ratio	Lower	Upper
117	100		
82	53.5	44.7	67.1
119	35.0	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071470.D
Acq: 25 Dec 2021 20:56

Tgt Ion:	152	Resp:	5687
Ion	Ratio	Lower	Upper
152	100		
115	67.0	29.8	89.3
150	158.2	0.0	349.2

