

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122921\
 Data File : VD071528.D
 Acq On : 29 Dec 2021 14:57
 Operator : VA/SY
 Sample : M5223-05
 Misc : 7.01G/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 29 15:30:57 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	7.979	168	379221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	654519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	628764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	292428	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	214249	42.540	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.080%
35) Dibromofluoromethane	7.908	113	208066	47.300	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.600%
50) Toluene-d8	10.332	98	831919	50.045	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.080%
62) 4-Bromofluorobenzene	12.626	95	290561	49.188	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.380%

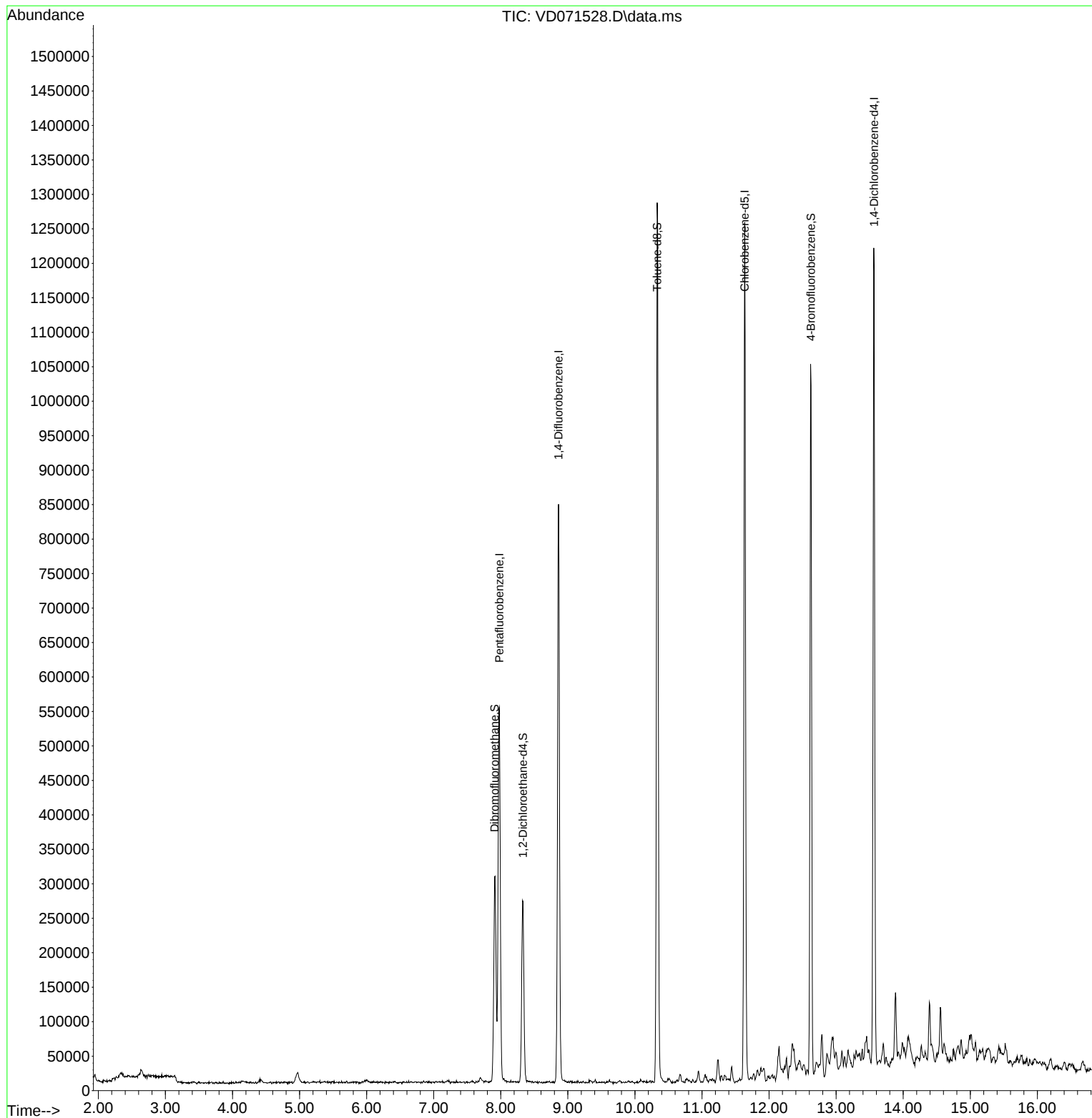
Target Compounds	Qvalue

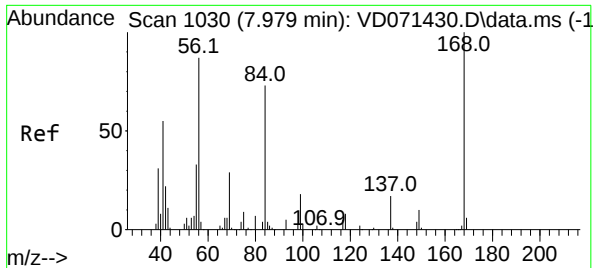
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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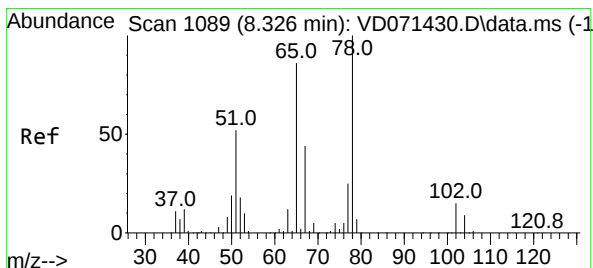
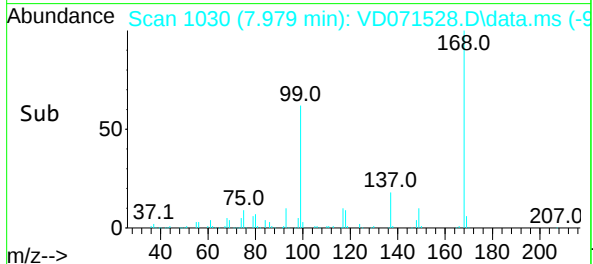
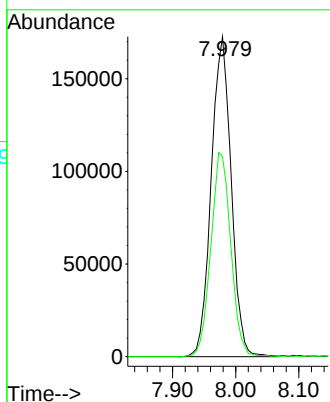
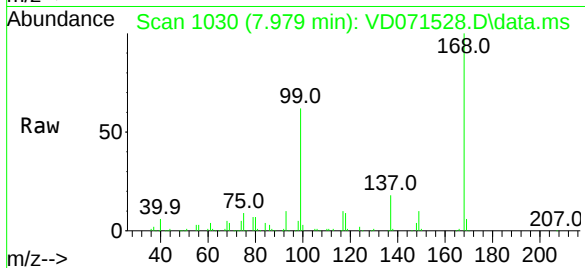




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071528.D
Acq: 29 Dec 2021 14:57

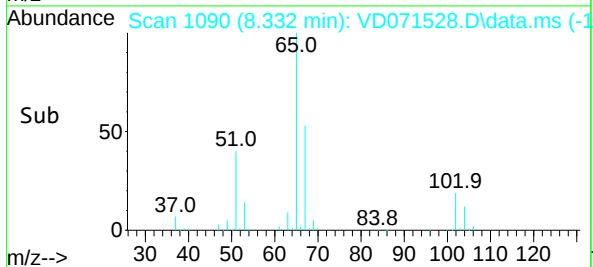
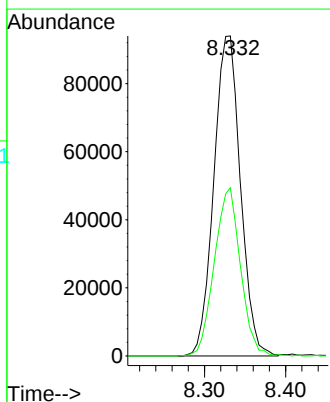
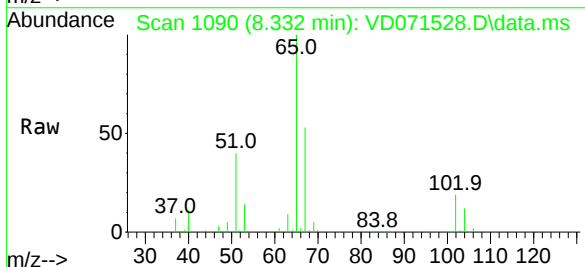
Instrument :
MSVOA_D
ClientSampleId :
DB-17-(15-20)-12-22-21

Tgt Ion:168 Resp: 379221
Ion Ratio Lower Upper
168 100
99 62.5 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 42.540 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071528.D
Acq: 29 Dec 2021 14:57

Tgt Ion: 65 Resp: 214249
Ion Ratio Lower Upper
65 100
67 51.6 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071528.D

Acq: 29 Dec 2021 14:57

Instrument :

MSVOA_D

ClientSampleId :

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

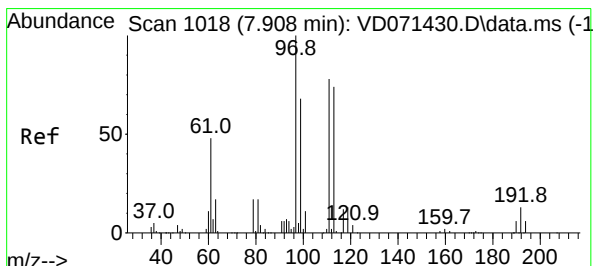
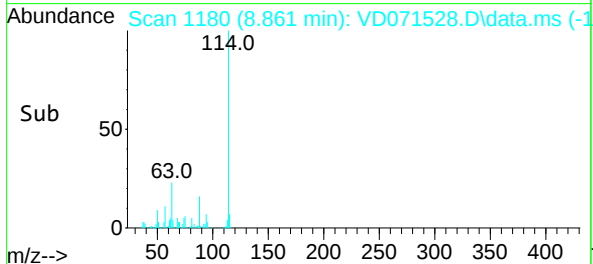
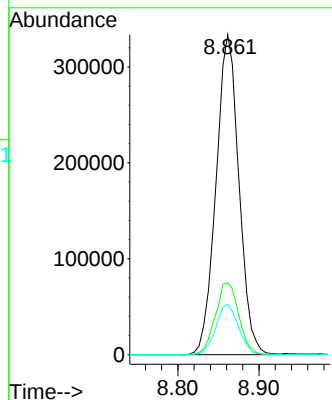
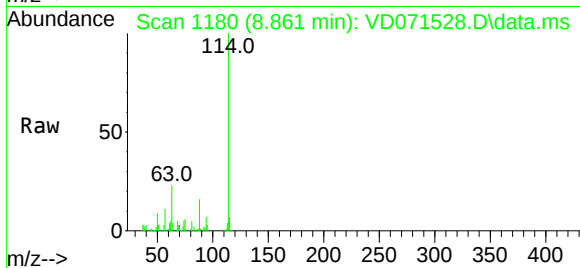
Tgt Ion:114 Resp: 654519

Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 15.8 0.0 32.8



#35

Dibromofluoromethane

Concen: 47.300 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD071528.D

Acq: 29 Dec 2021 14:57

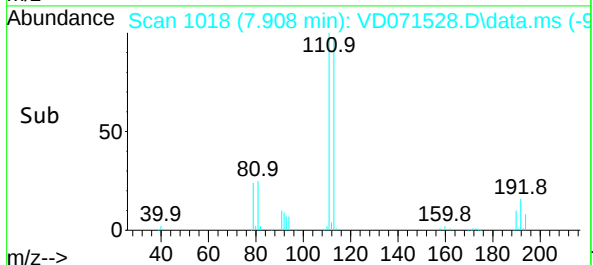
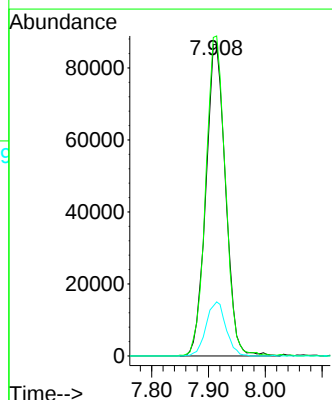
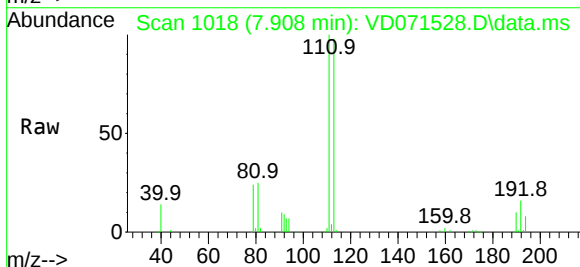
Tgt Ion:113 Resp: 208066

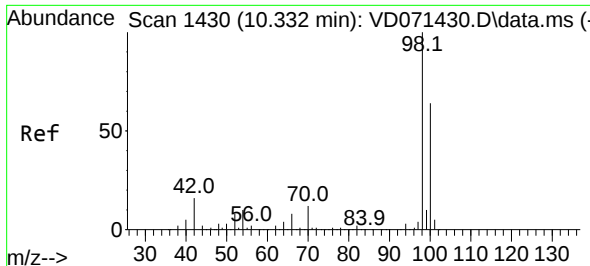
Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

192 17.5 15.2 22.8

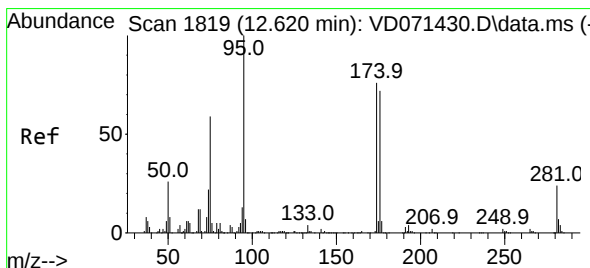
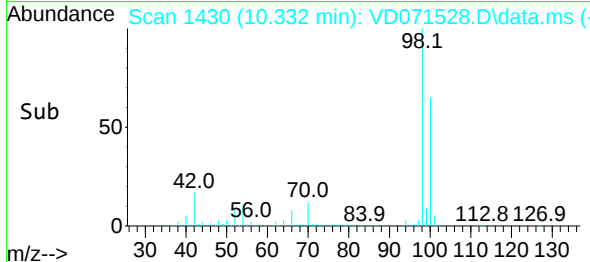
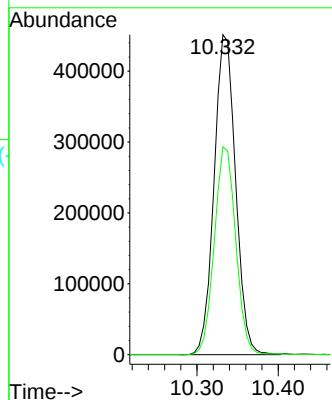
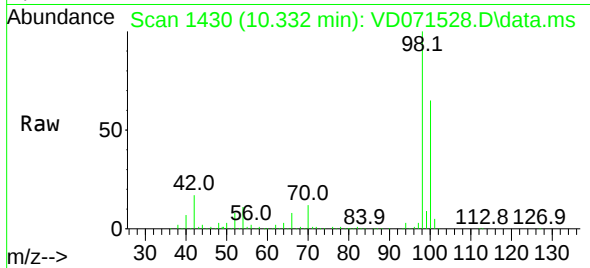




#50
Toluene-d8
Concen: 50.045 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071528.D
Acq: 29 Dec 2021 14:57

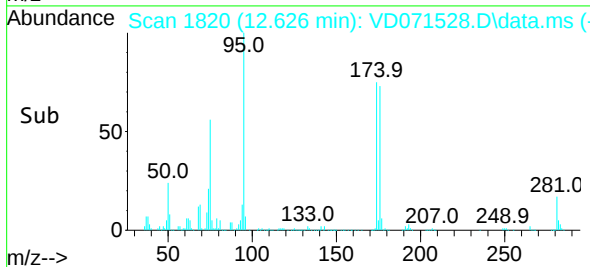
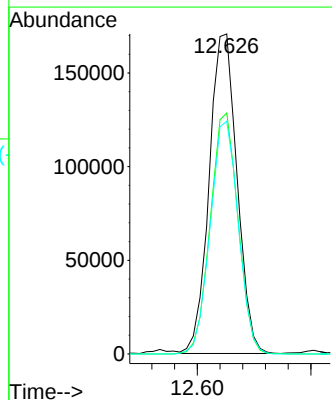
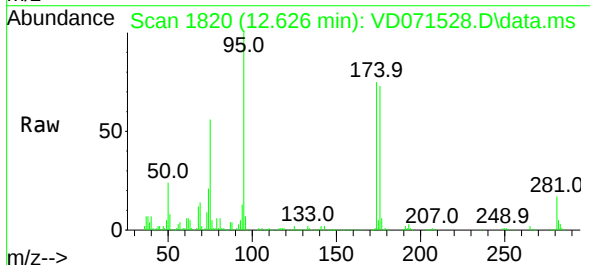
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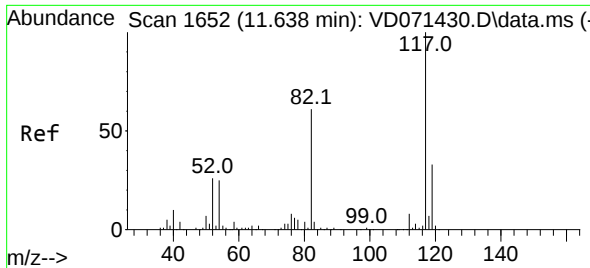
Tgt Ion: 98 Resp: 831919
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 49.188 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071528.D
Acq: 29 Dec 2021 14:57

Tgt Ion: 95 Resp: 290561
Ion Ratio Lower Upper
95 100
174 75.2 0.0 159.4
176 73.3 0.0 154.0

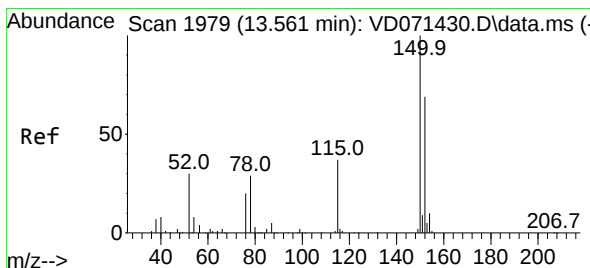
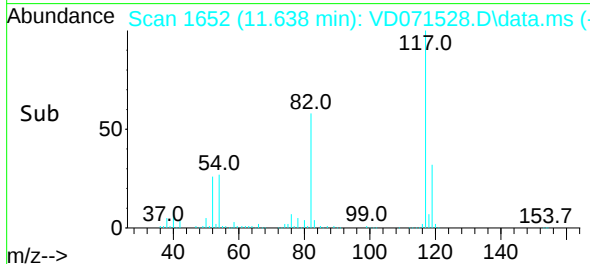
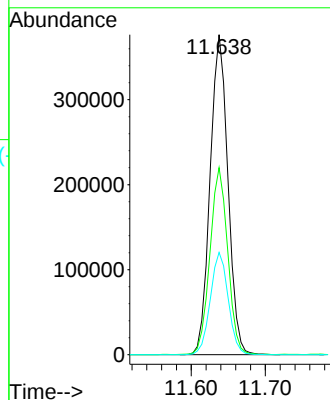
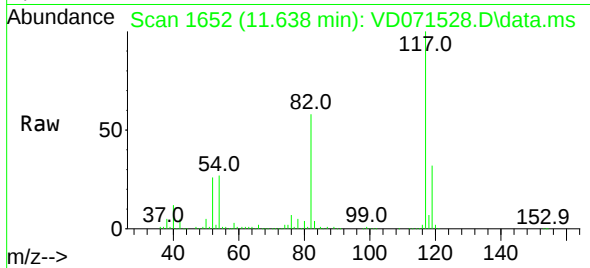




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071528.D
Acq: 29 Dec 2021 14:57

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

Tgt Ion:117 Resp: 628764
Ion Ratio Lower Upper
117 100
82 58.4 44.7 67.1
119 32.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071528.D
Acq: 29 Dec 2021 14:57

Tgt Ion:152 Resp: 292428
Ion Ratio Lower Upper
152 100
115 60.3 29.8 89.3
150 155.7 0.0 349.2

