

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122821\
 Data File : VD071504.D
 Acq On : 28 Dec 2021 15:44
 Operator : VA/SY
 Sample : M5224-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3

Quant Time: Dec 28 16:01:14 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	7.979	168	39574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	73857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	73008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	34453	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	40179	76.447	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.900%
35) Dibromofluoromethane	7.920	113	24123	48.598	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.200%
50) Toluene-d8	10.338	98	90147	48.057	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.120%
62) 4-Bromofluorobenzene	12.626	95	35848	53.780	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.560%

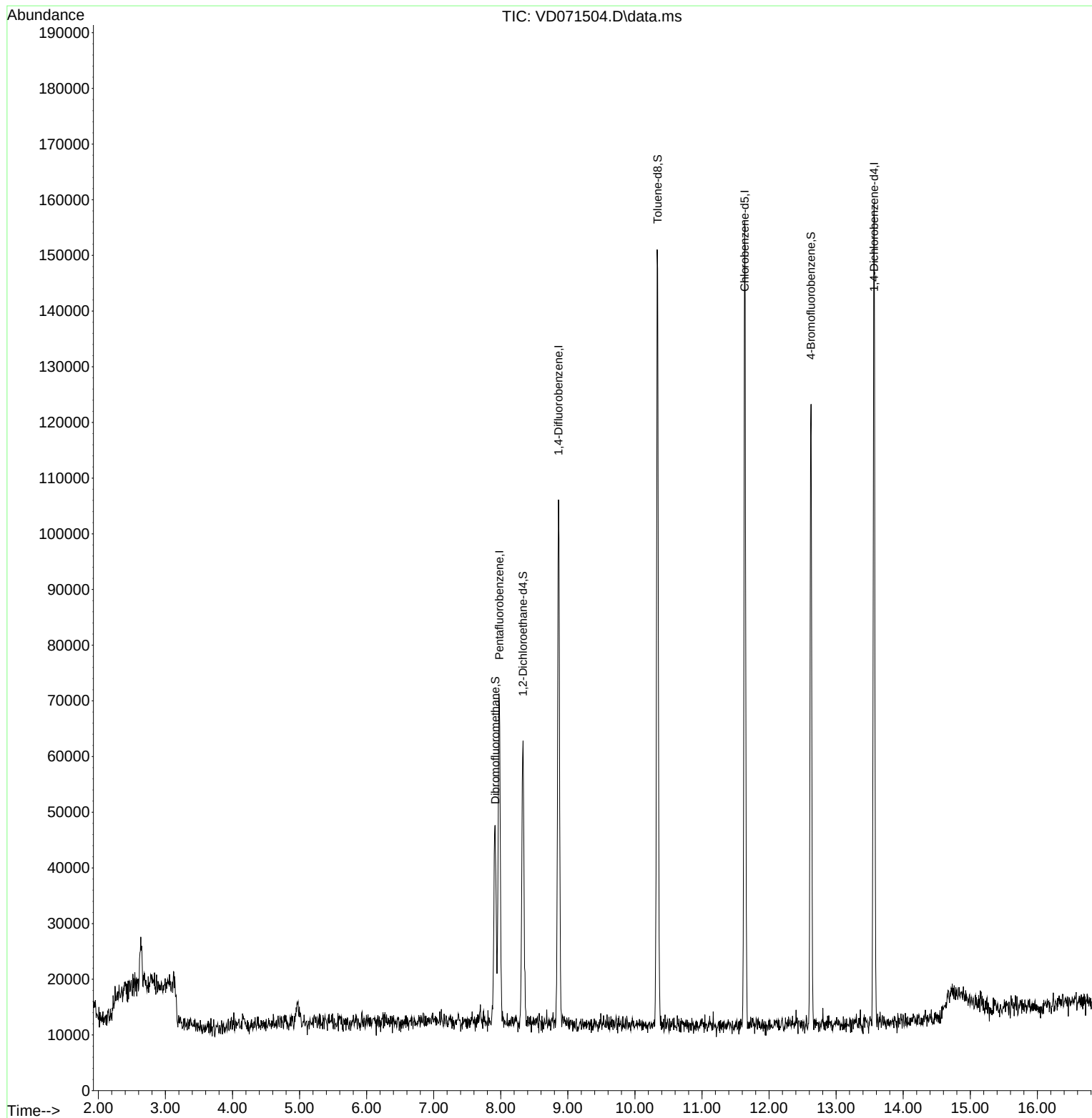
Target Compounds	Qvalue

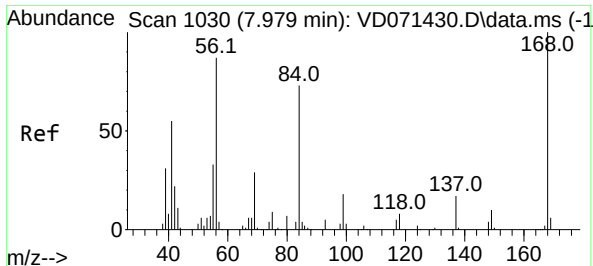
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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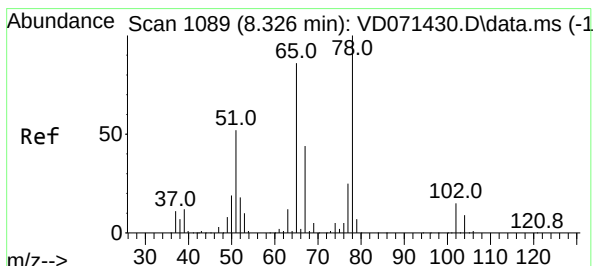
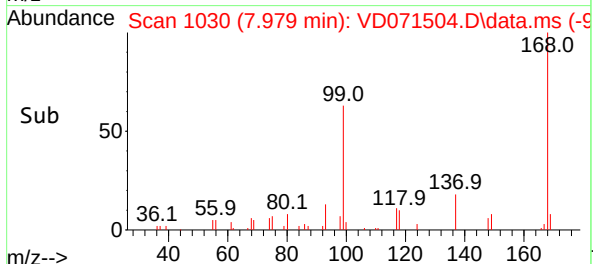
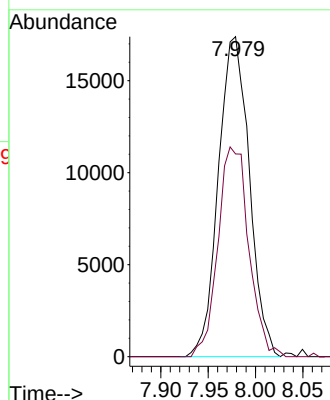
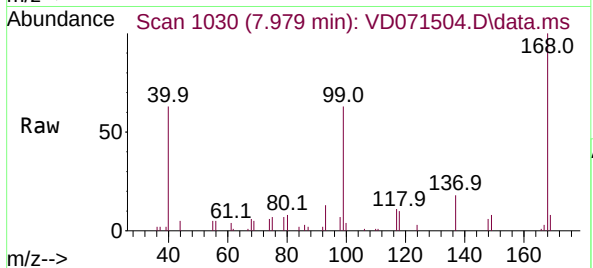




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071504.D
Acq: 28 Dec 2021 15:44

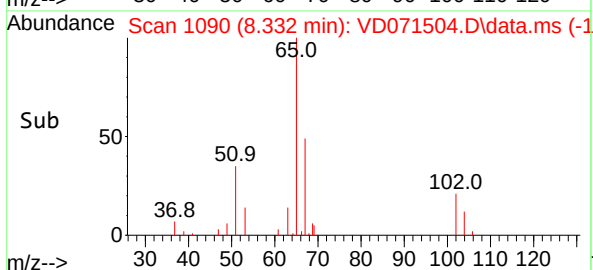
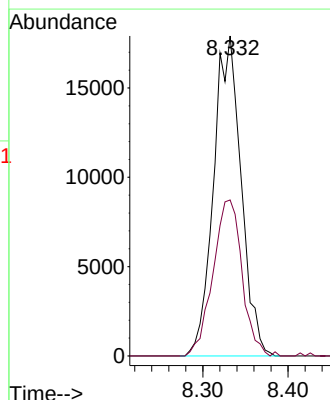
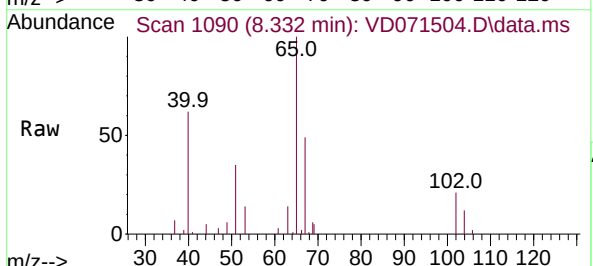
Instrument :
MSVOA_D
ClientSampleId :
SB-3

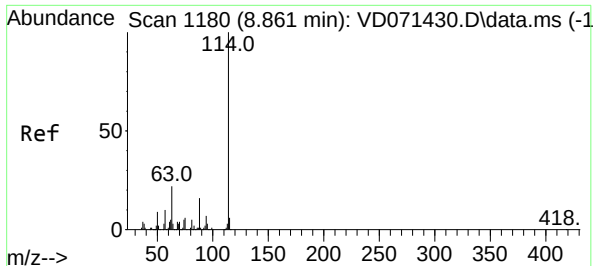
Tgt Ion:168 Resp: 39574
Ion Ratio Lower Upper
168 100
99 63.3 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 76.447 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071504.D
Acq: 28 Dec 2021 15:44

Tgt Ion: 65 Resp: 40179
Ion Ratio Lower Upper
65 100
67 51.5 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: VD071504.D

Acq: 28 Dec 2021 15:44

Instrument :

MSVOA_D

ClientSampleId :

SB-3

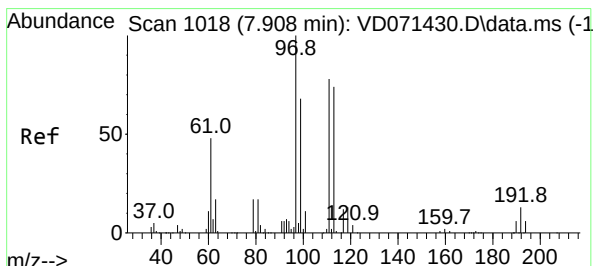
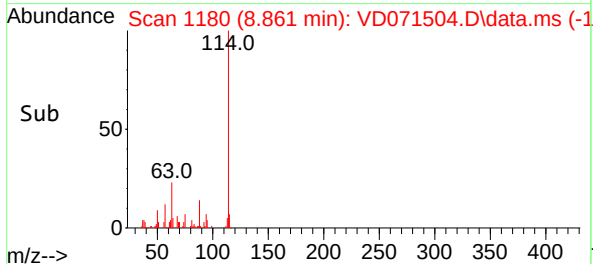
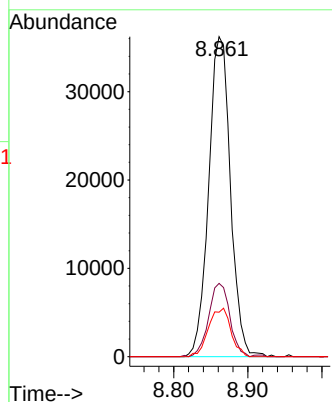
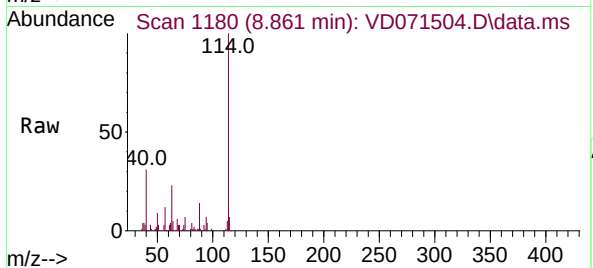
Tgt Ion:114 Resp: 73857

Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.8

88 13.9 0.0 32.8



#35

Dibromofluoromethane

Concen: 48.598 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.012 min

Lab File: VD071504.D

Acq: 28 Dec 2021 15:44

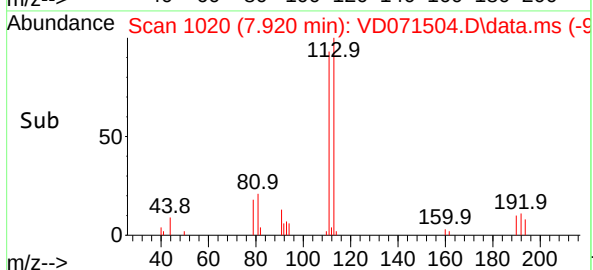
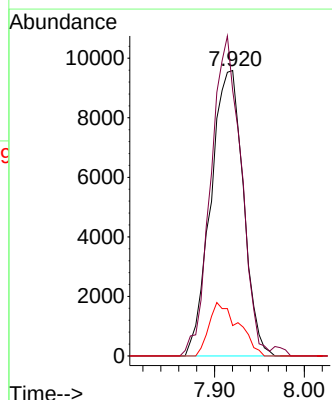
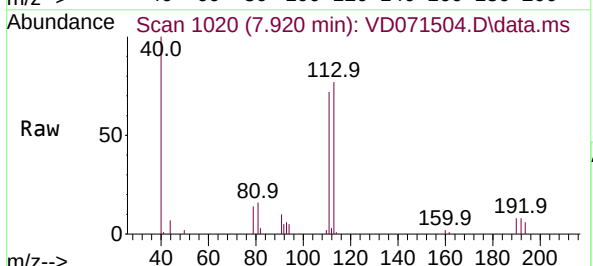
Tgt Ion:113 Resp: 24123

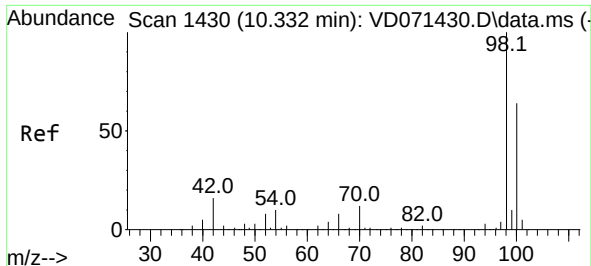
Ion Ratio Lower Upper

113 100

111 104.3 82.0 123.0

192 16.9 15.2 22.8

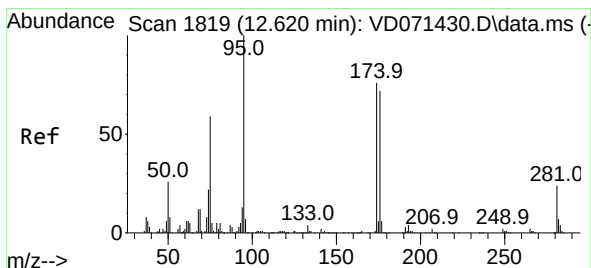
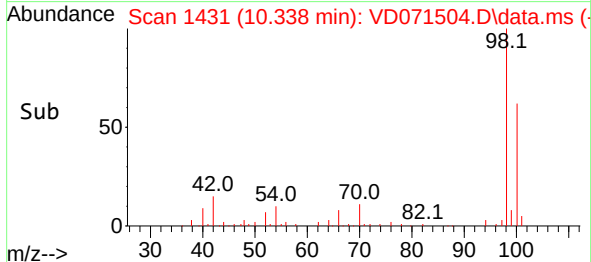
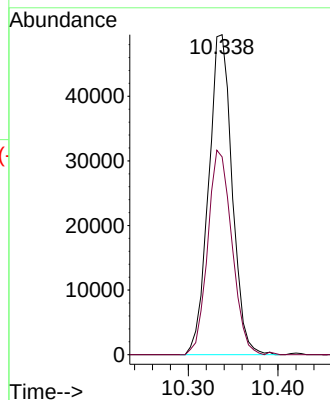
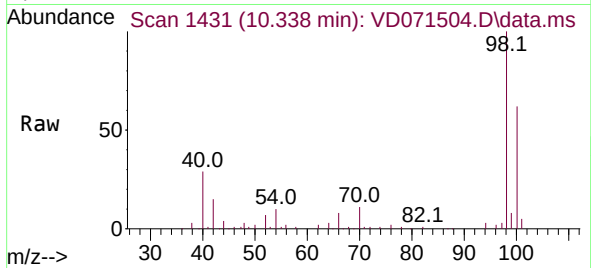




#50
Toluene-d8
Concen: 48.057 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD071504.D
Acq: 28 Dec 2021 15:44

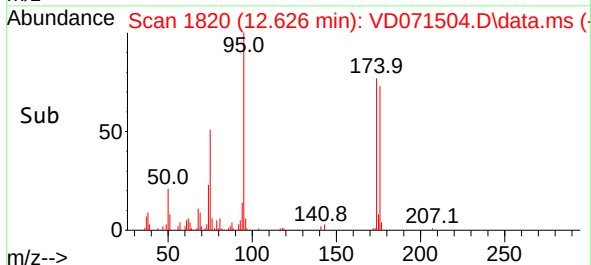
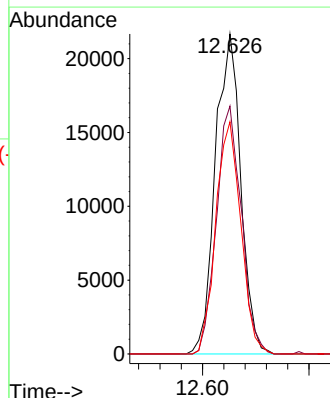
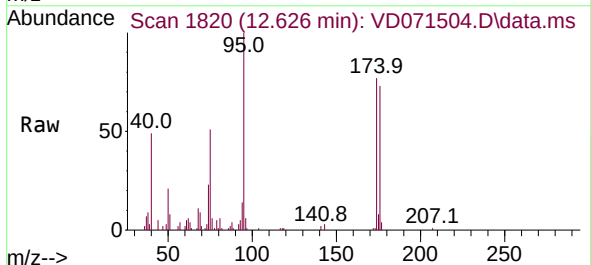
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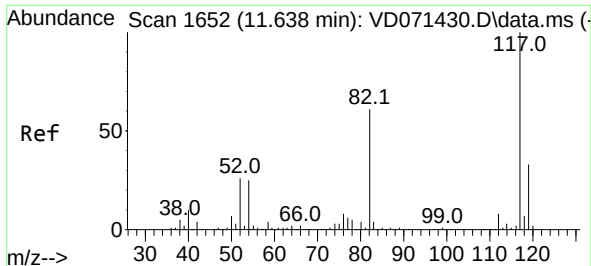
Tgt Ion: 98 Resp: 90147
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.780 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071504.D
Acq: 28 Dec 2021 15:44

Tgt Ion: 95 Resp: 35848
Ion Ratio Lower Upper
95 100
174 75.8 0.0 159.4
176 71.7 0.0 154.0

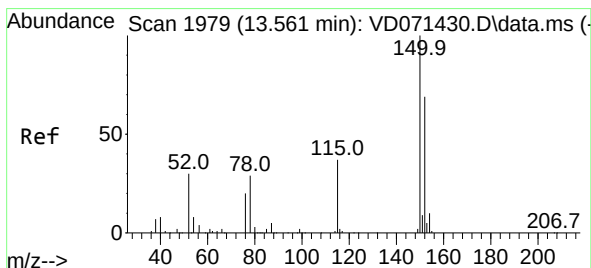
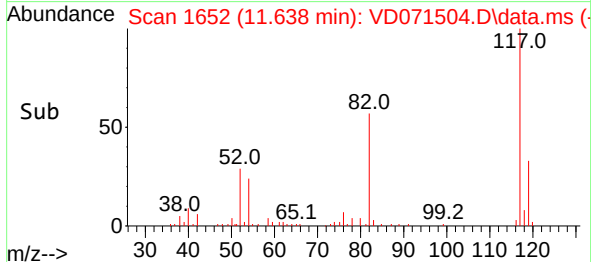
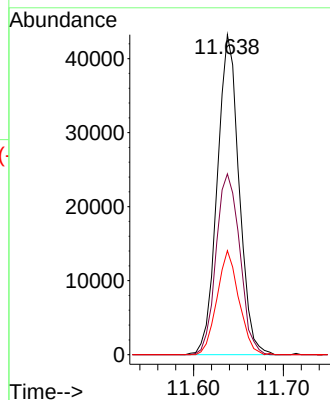
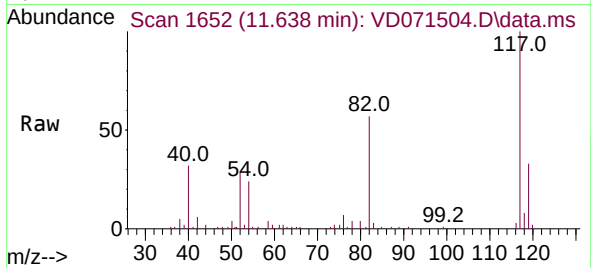




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071504.D
Acq: 28 Dec 2021 15:44

Instrument :
MSVOA_D
ClientSampleId :
SB-3

Tgt Ion:	117	Resp:	73008
Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.7	67.1
119	32.5	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: VD071504.D
Acq: 28 Dec 2021 15:44

Tgt Ion:	152	Resp:	34453
Ion	Ratio	Lower	Upper
152	100		
115	64.5	29.8	89.3
150	154.7	0.0	349.2

