

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120821\
 Data File : VD071200.D
 Acq On : 08 Dec 2021 12:44
 Operator : VA/SY
 Sample : M4949-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-221

Quant Time: Dec 09 10:14:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.984	168	12262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	20062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	22739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	11197	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	10360	72.004	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.000%
35) Dibromofluoromethane	7.920	113	6166	48.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.540%
50) Toluene-d8	10.337	98	24982	51.386	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.780%
62) 4-Bromofluorobenzene	12.625	95	10884	64.585	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	129.160%

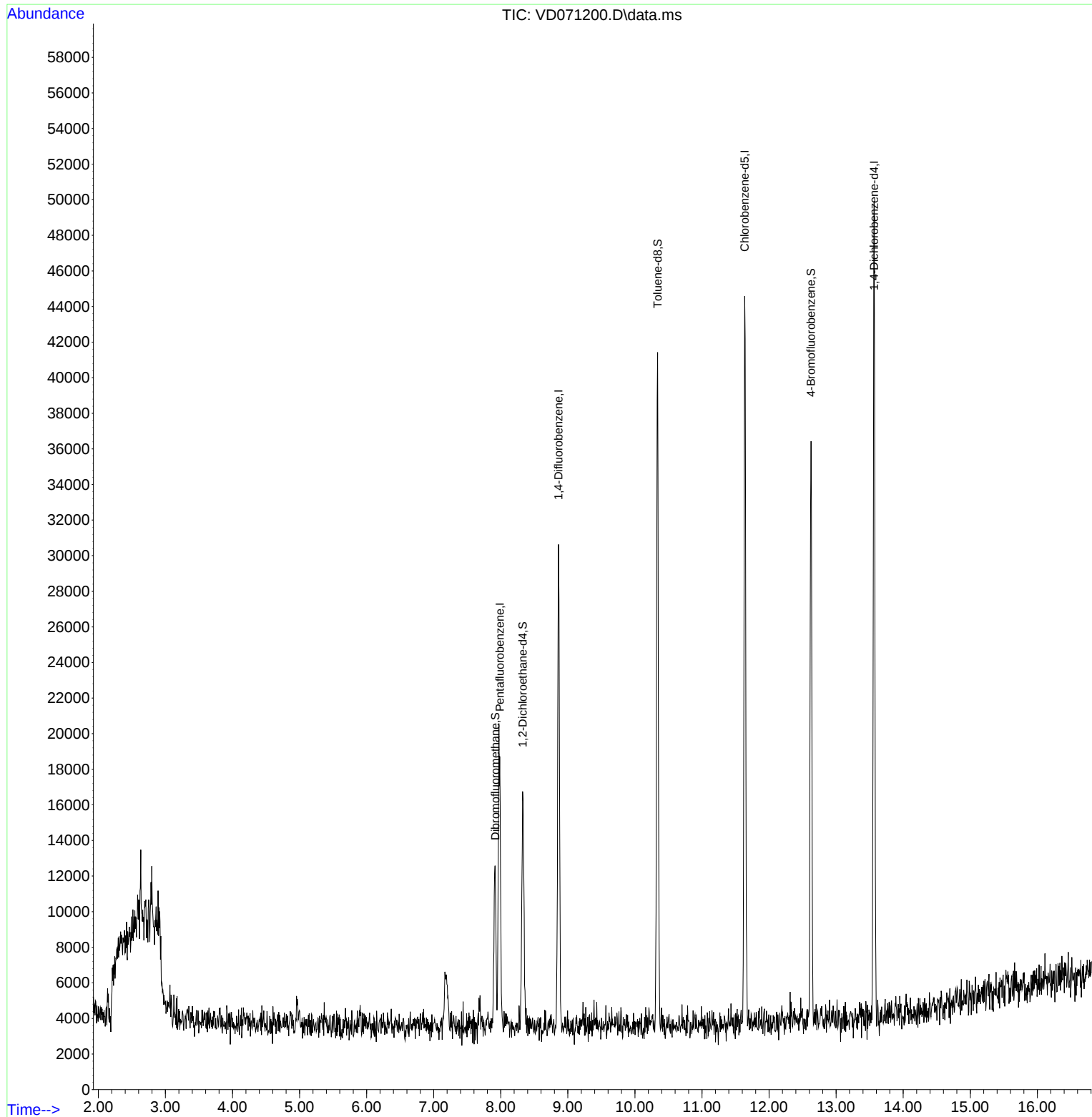
Target Compounds	Qvalue

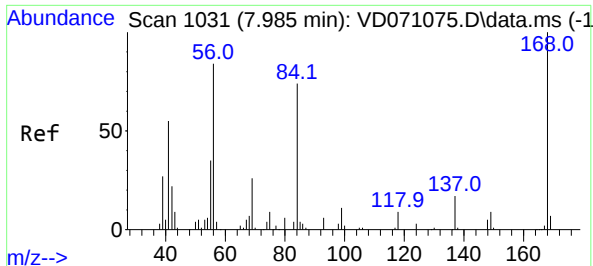
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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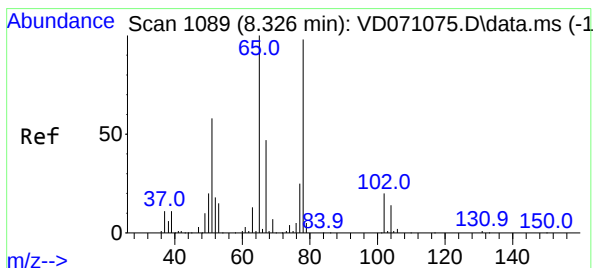
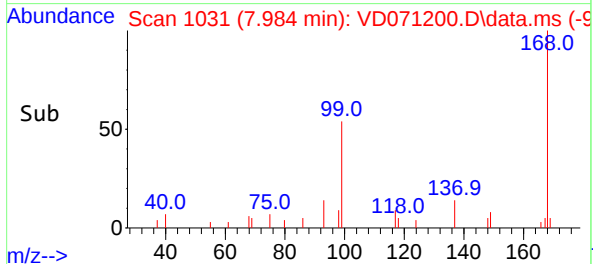
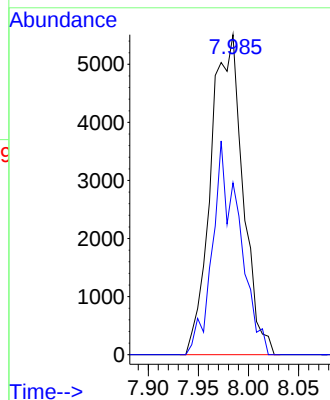
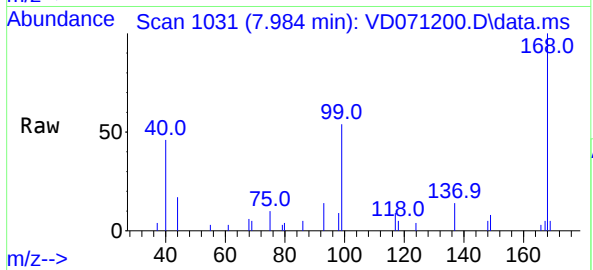




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.984 min Scan# 1031
Delta R.T. -0.001 min
Lab File: VD071200.D
Acq: 08 Dec 2021 12:44

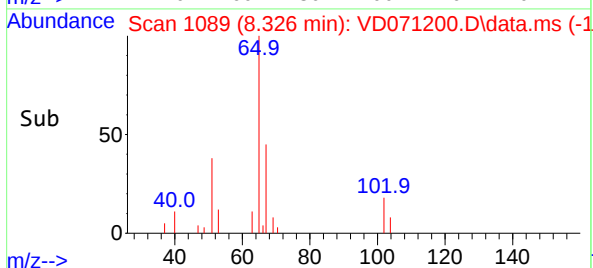
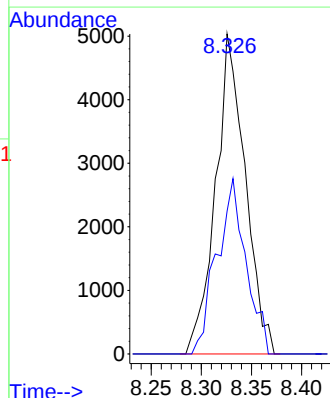
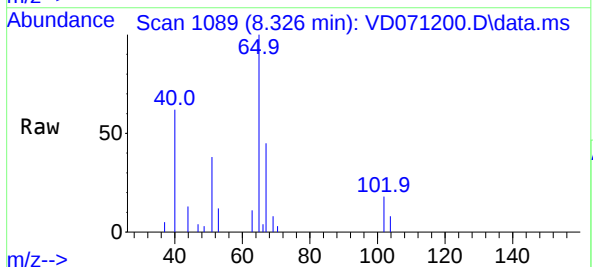
Instrument :
MSVOA_D
ClientSampleId :
VNJ-221

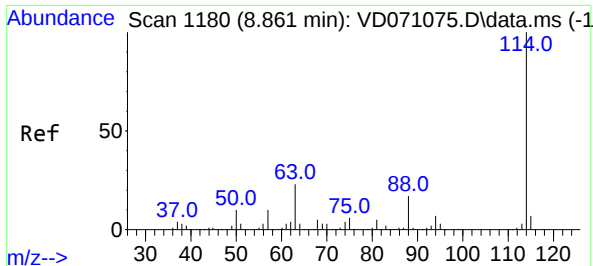
Tgt Ion:168 Resp: 12262
Ion Ratio Lower Upper
168 100
99 53.7 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 72.004 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071200.D
Acq: 08 Dec 2021 12:44

Tgt Ion: 65 Resp: 10360
Ion Ratio Lower Upper
65 100
67 53.8 0.0 112.2



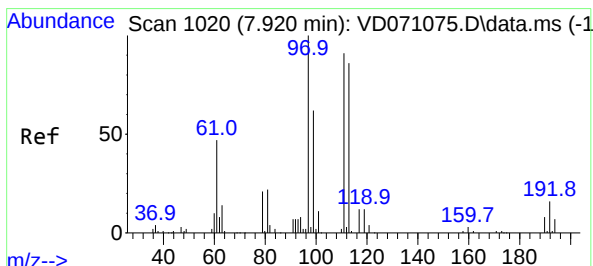
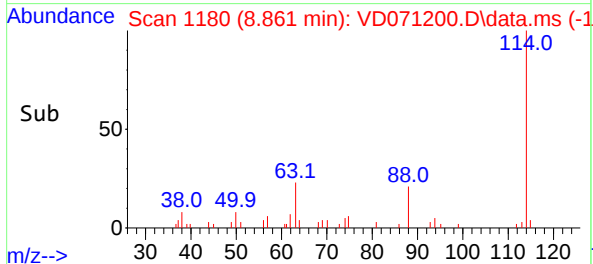
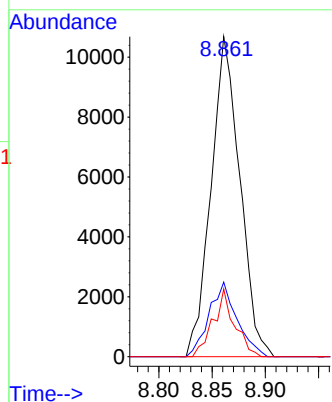
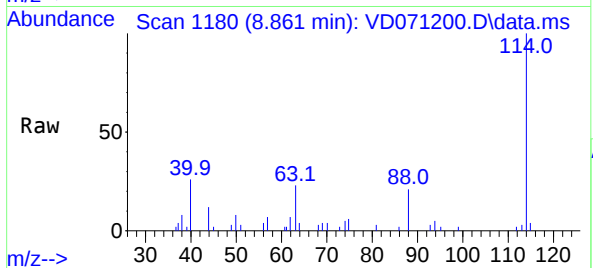


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071200.D
Acq: 08 Dec 2021 12:44

Instrument :
MSVOA_D
ClientSampleId :
VNJ-221

Tgt Ion:114 Resp: 20062

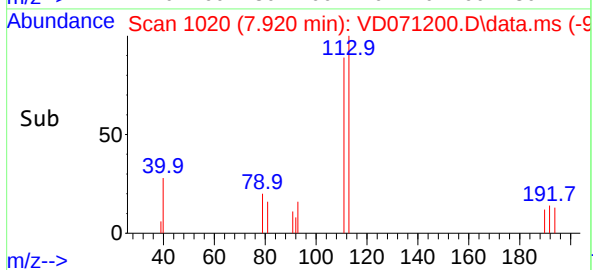
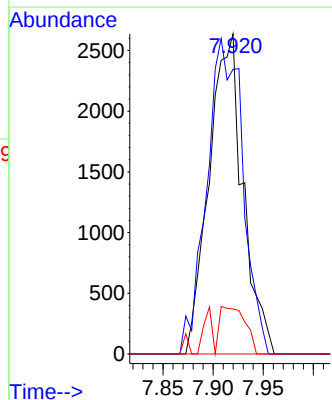
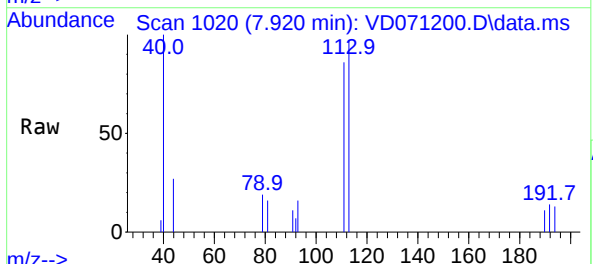
Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	41.8
88	21.2	0.0	32.8

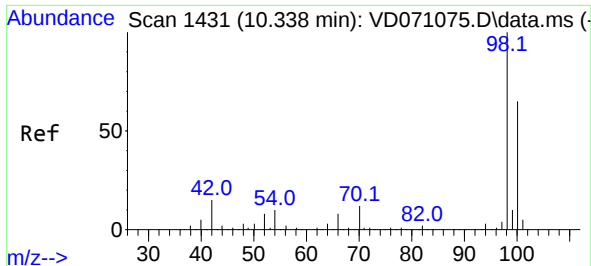


#35
Dibromofluoromethane
Concen: 48.265 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD071200.D
Acq: 08 Dec 2021 12:44

Tgt Ion:113 Resp: 6166

Ion	Ratio	Lower	Upper
113	100		
111	105.4	82.0	123.0
192	11.2	15.2	22.8#

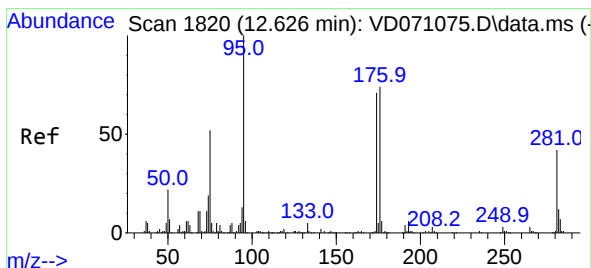
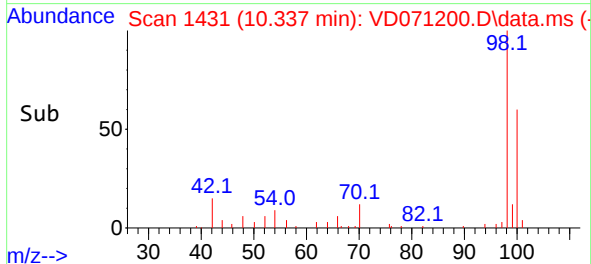
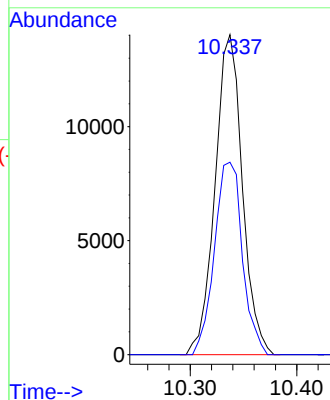
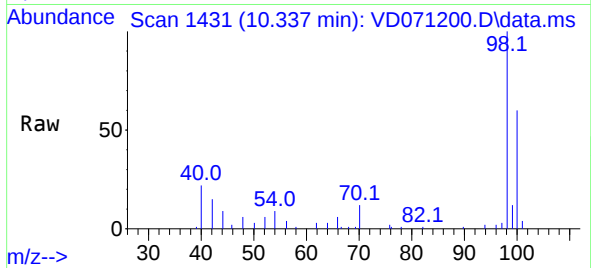




#50
Toluene-d8
Concen: 51.386 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD071200.D
Acq: 08 Dec 2021 12:44

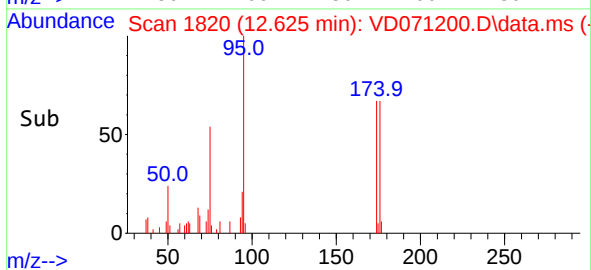
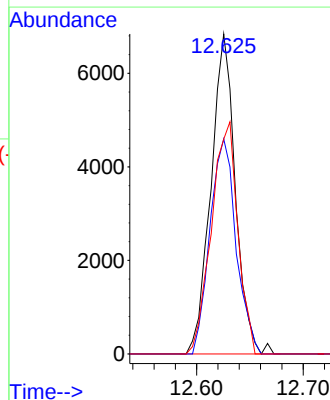
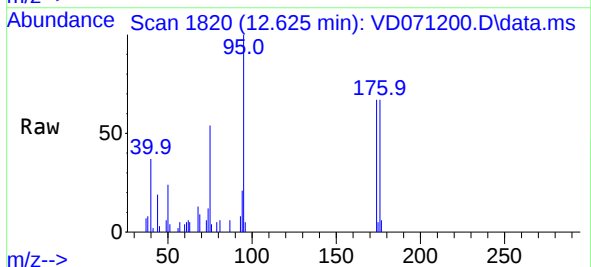
Instrument :
MSVOA_D
ClientSampleId :
VNJ-221

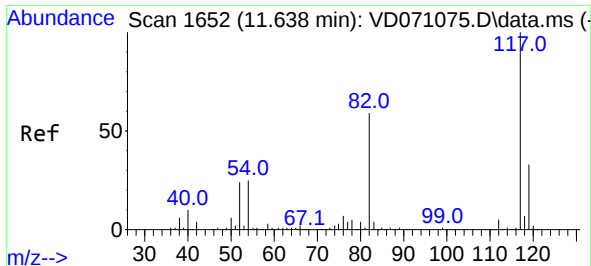
Tgt Ion: 98 Resp: 24982
Ion Ratio Lower Upper
98 100
100 61.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 64.585 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.001 min
Lab File: VD071200.D
Acq: 08 Dec 2021 12:44

Tgt Ion: 95 Resp: 10884
Ion Ratio Lower Upper
95 100
174 72.1 0.0 159.4
176 78.1 0.0 154.0

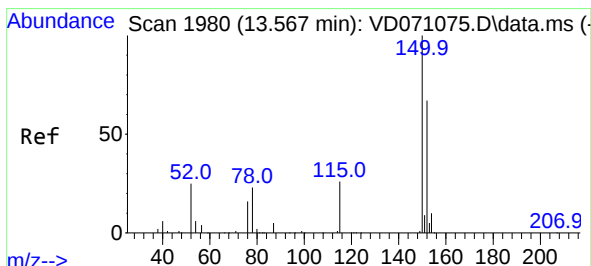
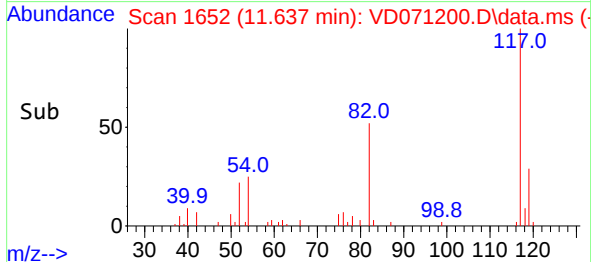
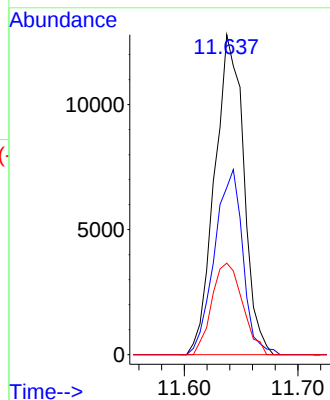
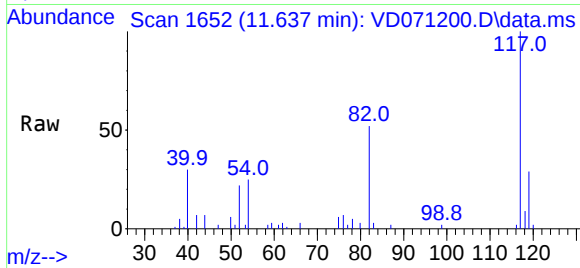




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.001 min
Lab File: VD071200.D
Acq: 08 Dec 2021 12:44

Instrument :
MSVOA_D
ClientSampleId :
VNJ-221

Tgt Ion:117	Resp:	22739
Ion	Ratio	Lower Upper
117	100	
82	52.2	44.7 67.1
119	28.6	26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071200.D
Acq: 08 Dec 2021 12:44

Tgt Ion:152	Resp:	11197
Ion	Ratio	Lower Upper
152	100	
115	62.1	29.8 89.3
150	159.8	0.0 349.2

