

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021522\
 Data File : VD071975.D
 Acq On : 15 Feb 2022 13:21
 Operator : VA/SY
 Sample : N1526-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-1-021122

Quant Time: Feb 16 00:35:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	281415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	545232	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	536245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	229726	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	211086	59.34	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.68%
35) Dibromofluoromethane	7.920	113	182679	50.97	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.94%
50) Toluene-d8	10.338	98	697917	52.14	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.28%
62) 4-Bromofluorobenzene	12.626	95	229107	49.02	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.04%

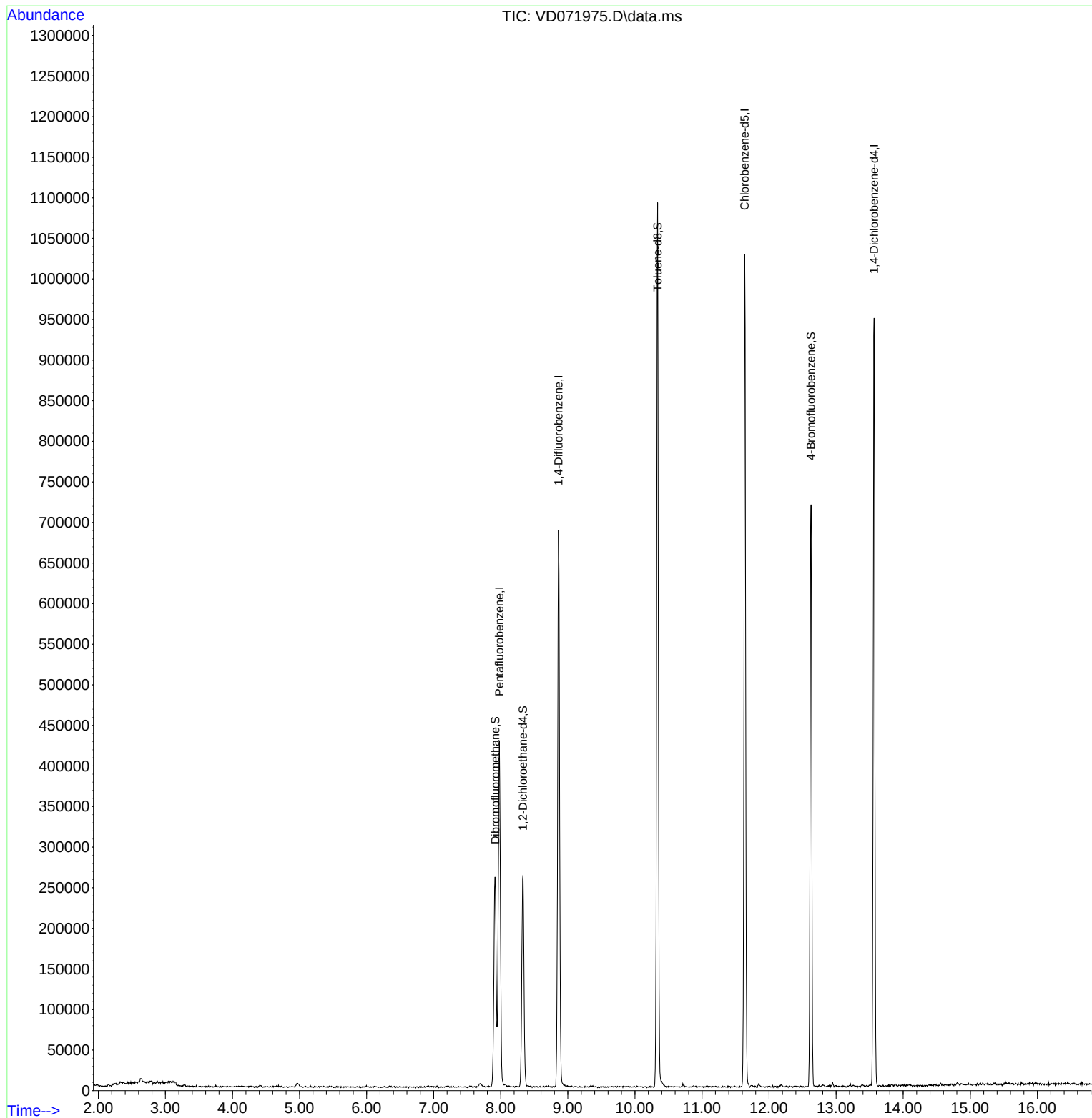
Target Compounds	Qvalue

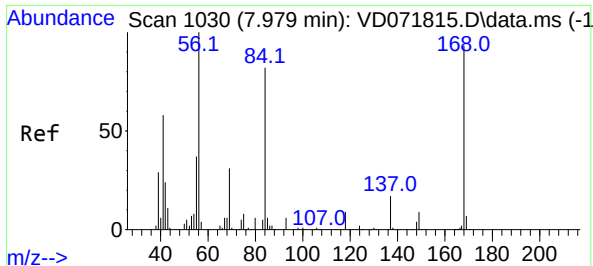
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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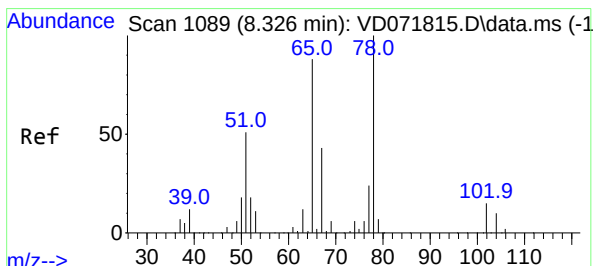
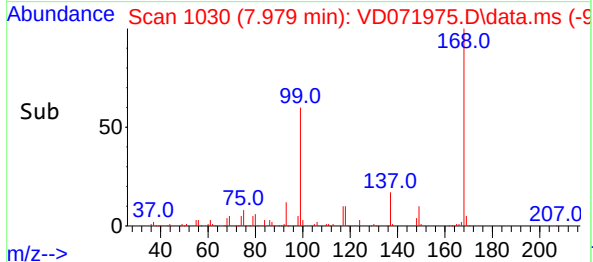
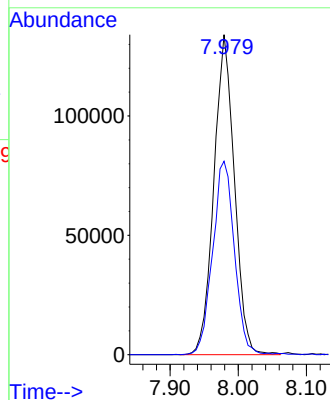
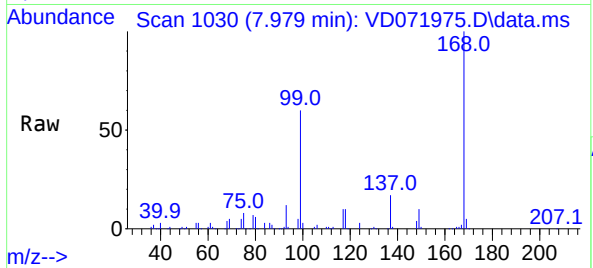




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071975.D
Acq: 15 Feb 2022 13:21

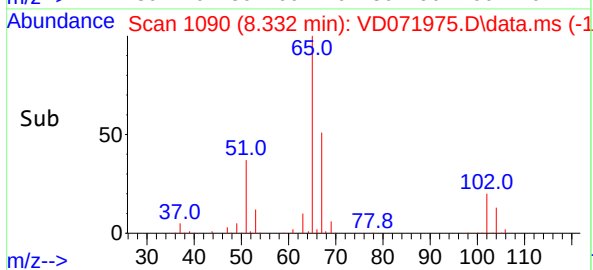
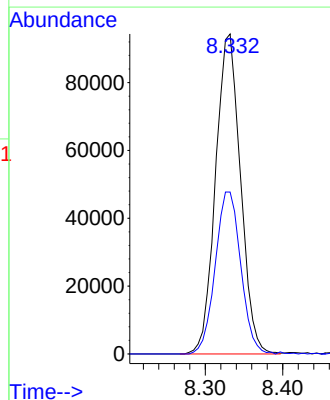
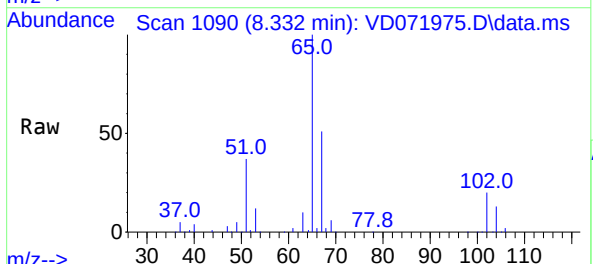
Instrument :
MSVOA_D
ClientSampleId :
HR-1-021122

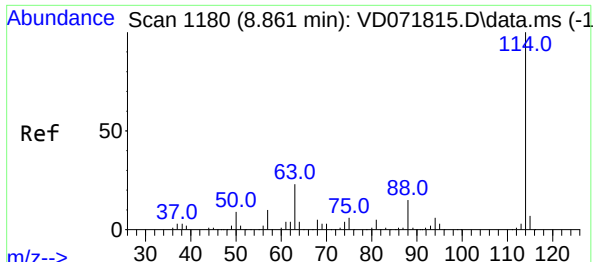
Tgt Ion:168 Resp: 281415
Ion Ratio Lower Upper
168 100
99 60.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 59.34 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071975.D
Acq: 15 Feb 2022 13:21

Tgt Ion: 65 Resp: 211086
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.4



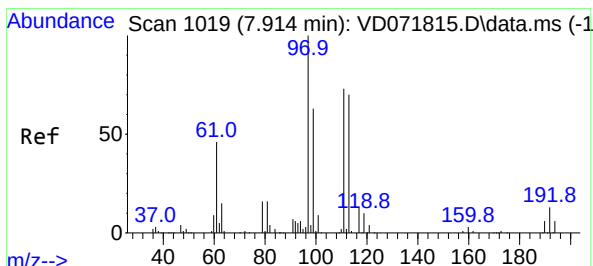
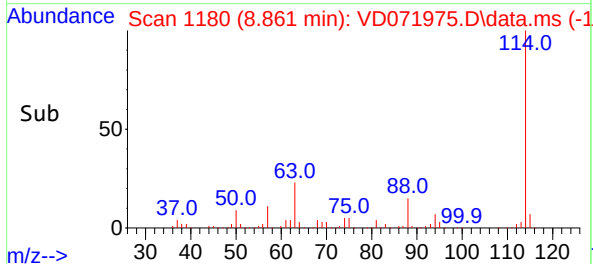
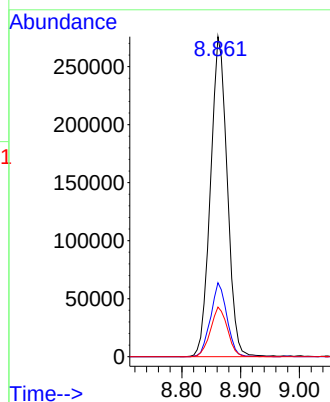
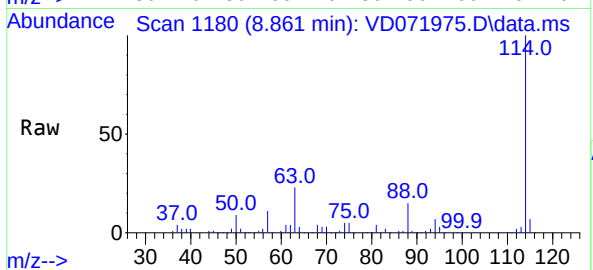


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071975.D
Acq: 15 Feb 2022 13:21

Instrument :
MSVOA_D
ClientSampleId :
HR-1-021122

Tgt Ion:114 Resp: 545232

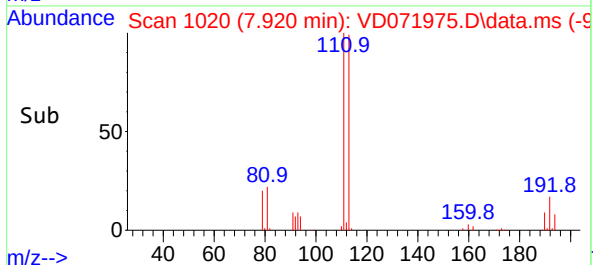
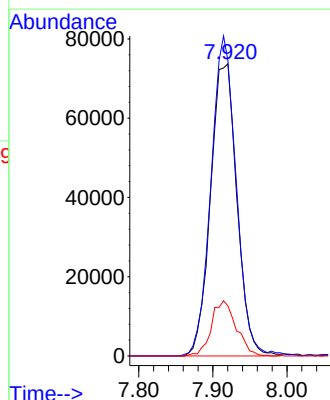
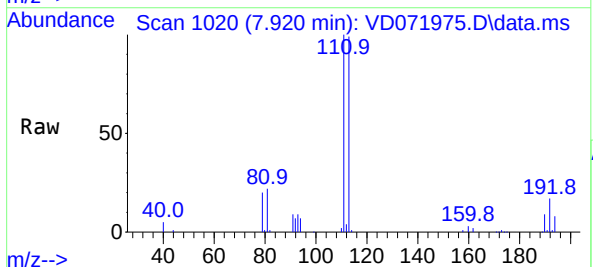
Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	46.6
88	15.5	0.0	33.2

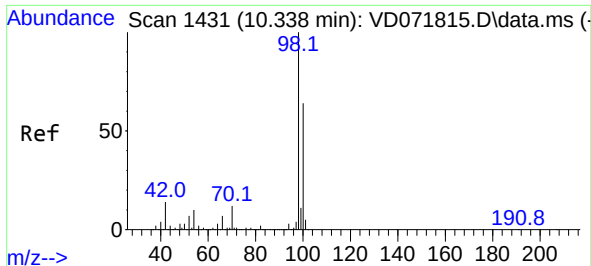


#35
Dibromofluoromethane
Concen: 50.97 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD071975.D
Acq: 15 Feb 2022 13:21

Tgt Ion:113 Resp: 182679

Ion	Ratio	Lower	Upper
113	100		
111	104.6	83.8	125.6
192	17.8	14.6	21.8

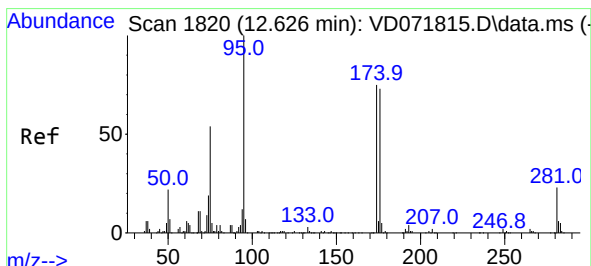
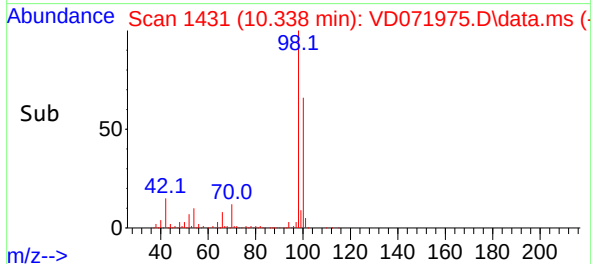
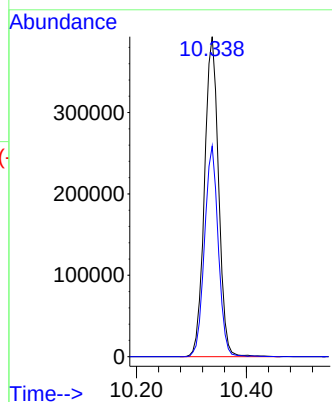
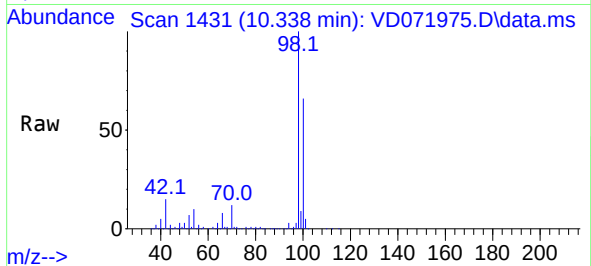




#50
Toluene-d8
Concen: 52.14 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071975.D
Acq: 15 Feb 2022 13:21

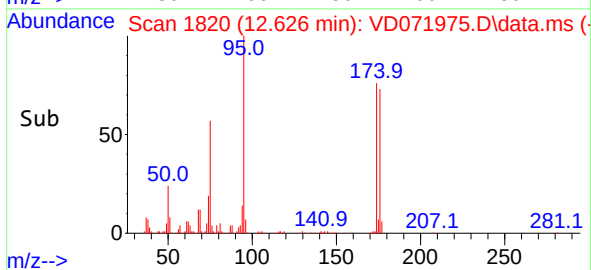
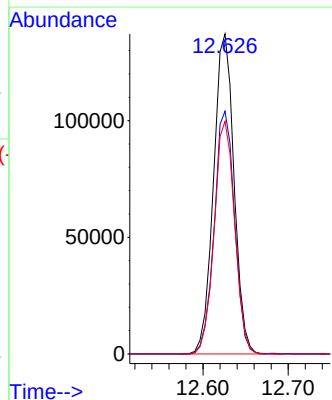
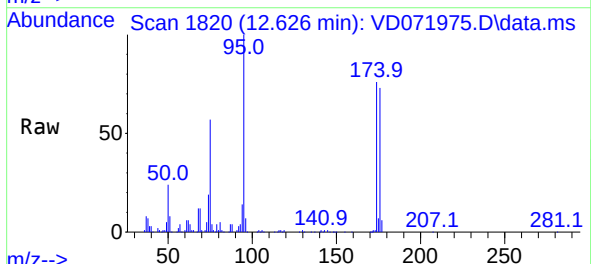
Instrument :
MSVOA_D
ClientSampleId :
HR-1-021122

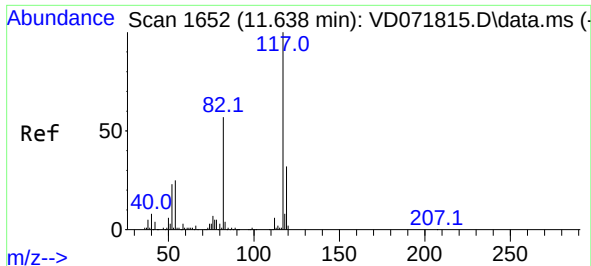
Tgt Ion: 98 Resp: 697917
Ion Ratio Lower Upper
98 100
100 64.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.02 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071975.D
Acq: 15 Feb 2022 13:21

Tgt Ion: 95 Resp: 229107
Ion Ratio Lower Upper
95 100
174 75.5 0.0 152.8
176 72.4 0.0 145.4

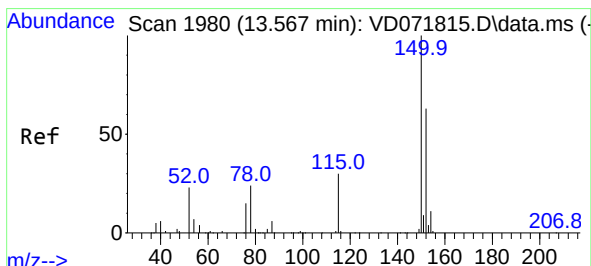
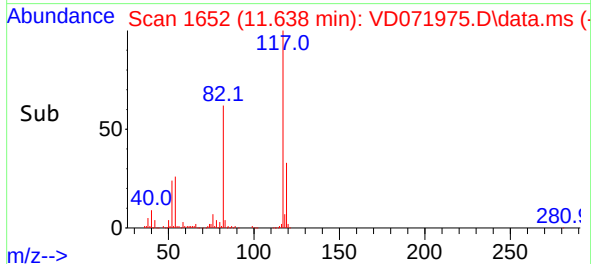
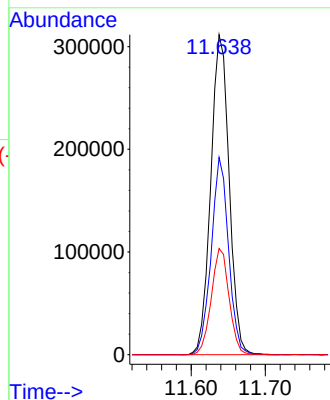
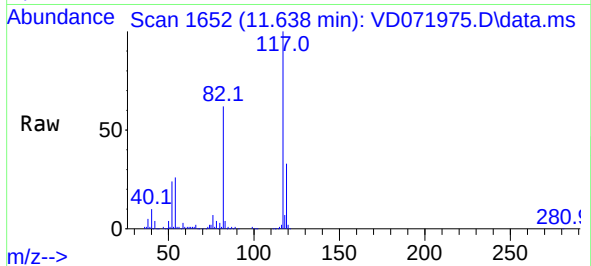




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071975.D
Acq: 15 Feb 2022 13:21

Instrument :
MSVOA_D
ClientSampleId :
HR-1-021122

Tgt Ion:117 Resp: 536245
Ion Ratio Lower Upper
117 100
82 61.7 45.3 67.9
119 33.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071975.D
Acq: 15 Feb 2022 13:21

Tgt Ion:152 Resp: 229726
Ion Ratio Lower Upper
152 100
115 62.2 31.3 93.8
150 159.0 0.0 348.6

