

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111921\
 Data File : VD071055.D
 Acq On : 19 Nov 2021 14:32
 Operator : VA/SY
 Sample : M4782-01
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-111921

Quant Time: Nov 22 02:52:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	26222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	48345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	51223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	25584	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	22860	81.881	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	163.760%#
35) Dibromofluoromethane	7.909	113	16879	61.873	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.740%
50) Toluene-d8	10.332	98	61232	57.314	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.620%
62) 4-Bromofluorobenzene	12.620	95	24901	64.733	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	129.460%

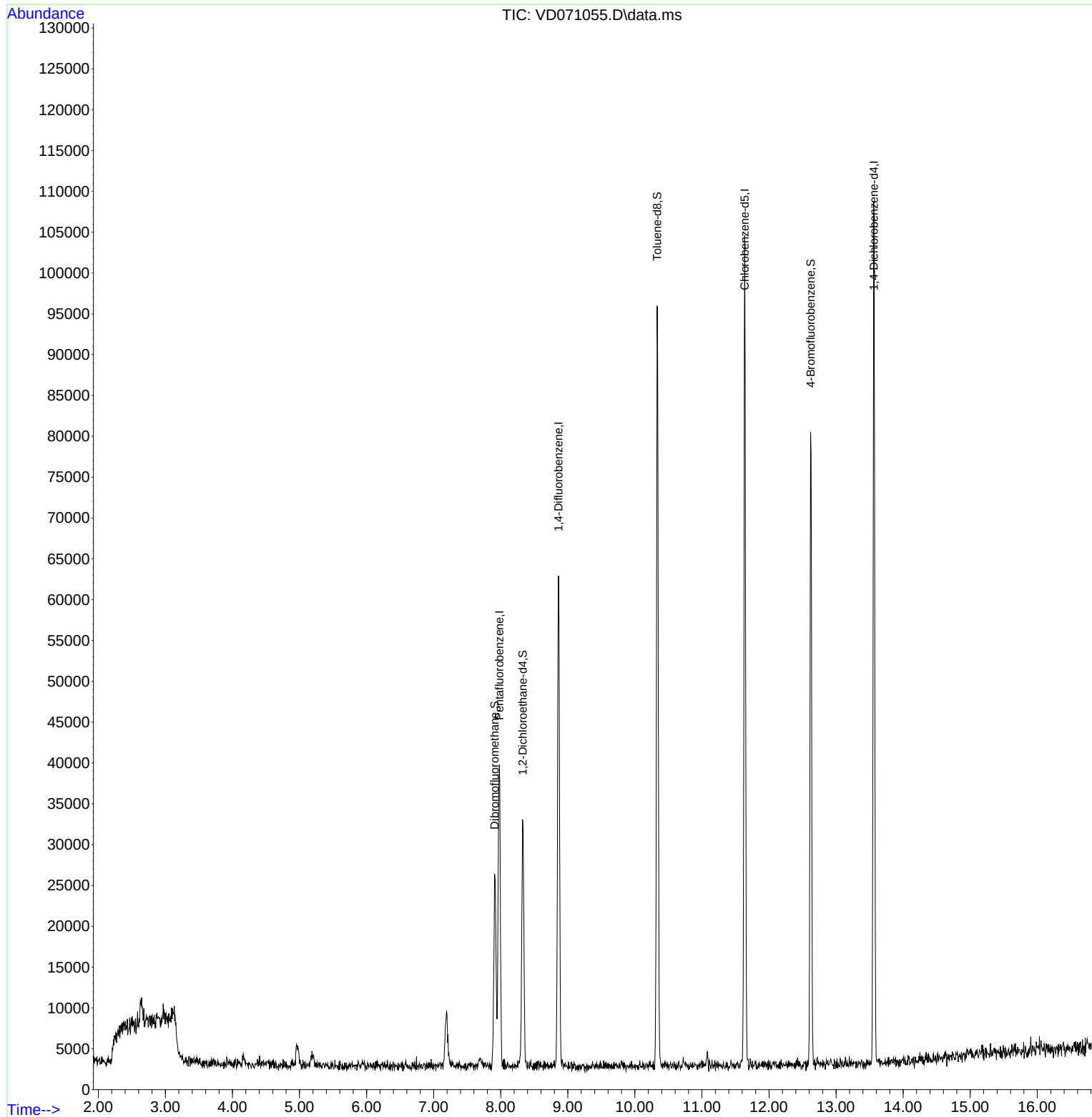
Target Compounds	Qvalue

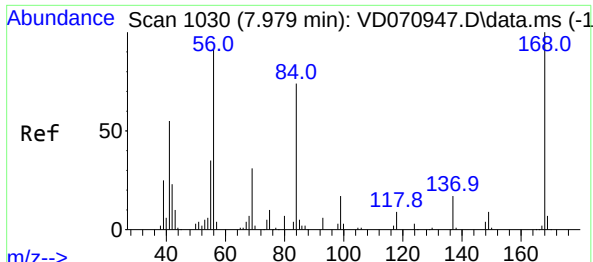
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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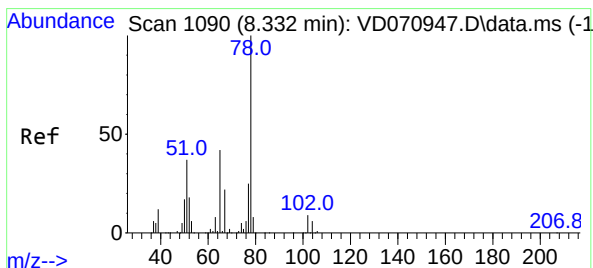
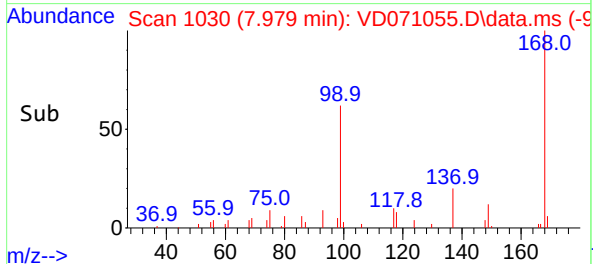
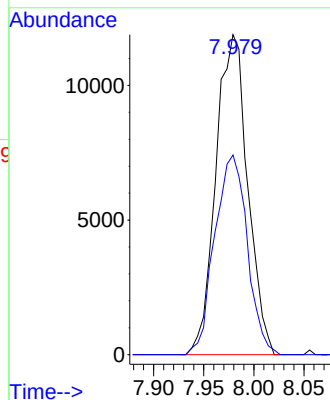
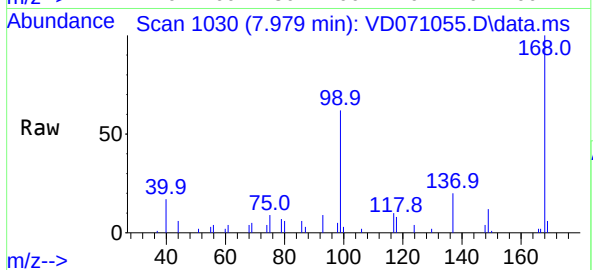




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071055.D
Acq: 19 Nov 2021 14:32

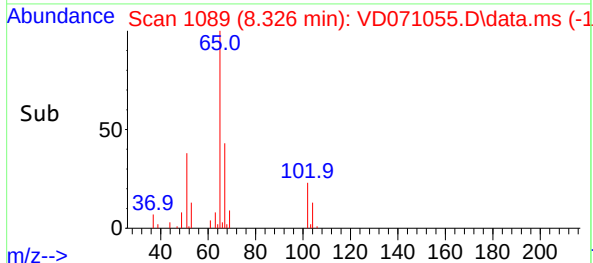
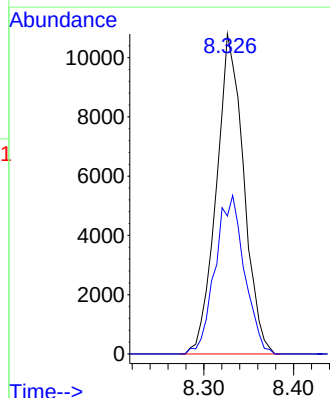
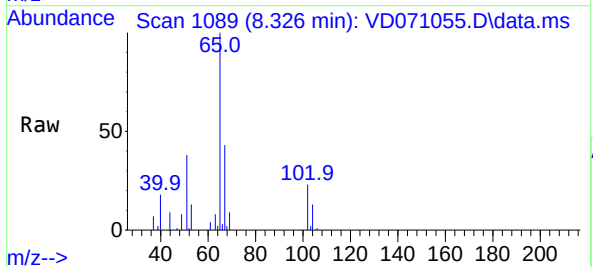
Instrument :
MSVOA_D
ClientSampleId :
CL-02-111921

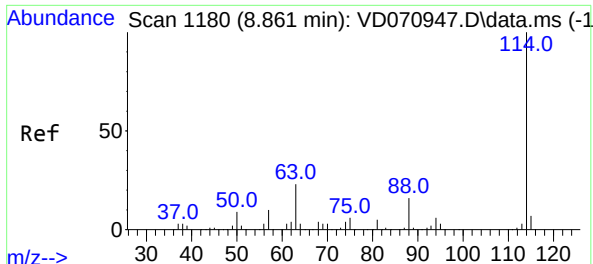
Tgt Ion:168 Resp: 26222
Ion Ratio Lower Upper
168 100
99 62.4 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 81.881 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD071055.D
Acq: 19 Nov 2021 14:32

Tgt Ion: 65 Resp: 22860
Ion Ratio Lower Upper
65 100
67 52.9 0.0 112.2



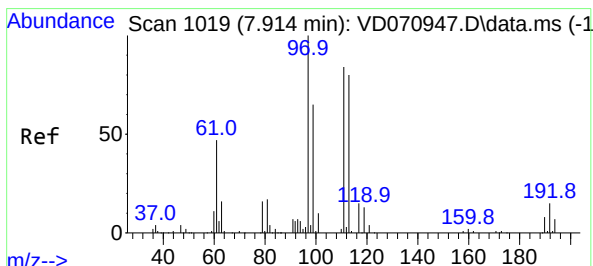
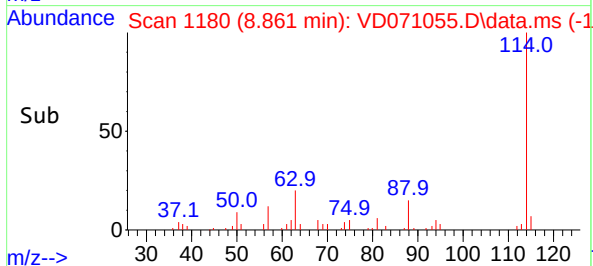
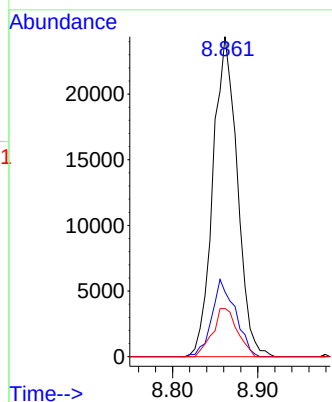
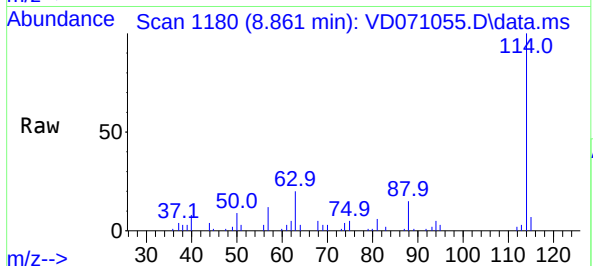


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071055.D
Acq: 19 Nov 2021 14:32

Instrument :
MSVOA_D
ClientSampleId :
CL-02-111921

Tgt Ion:114 Resp: 48345

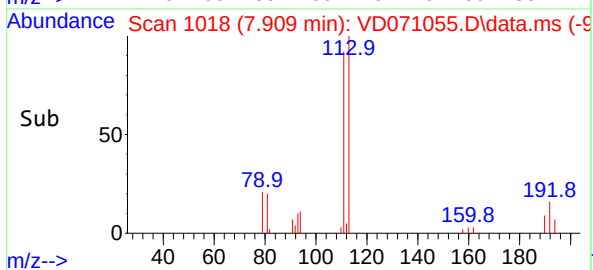
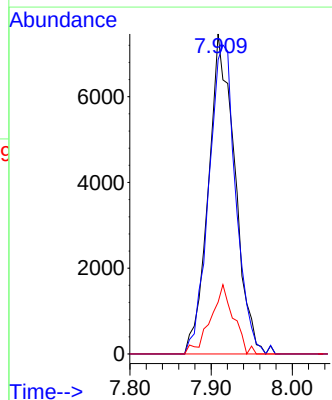
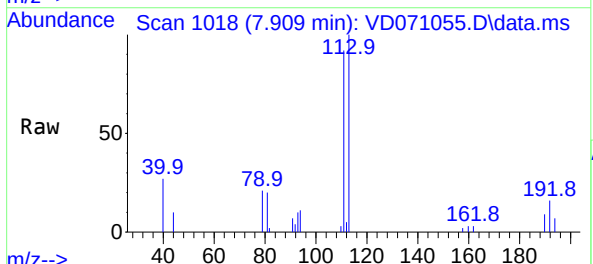
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.8
88	15.1	0.0	32.8

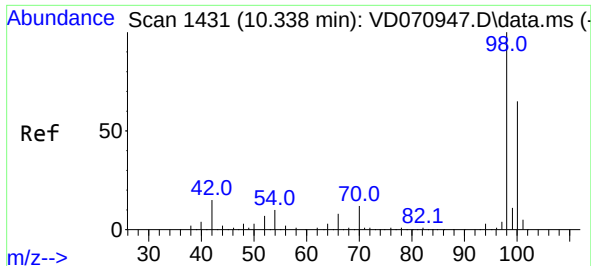


#35
Dibromofluoromethane
Concen: 61.873 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD071055.D
Acq: 19 Nov 2021 14:32

Tgt Ion:113 Resp: 16879

Ion	Ratio	Lower	Upper
113	100		
111	98.3	82.0	123.0
192	18.9	15.2	22.8

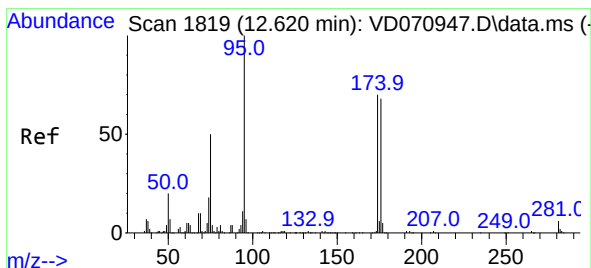
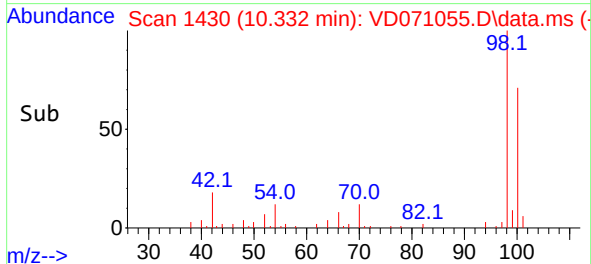
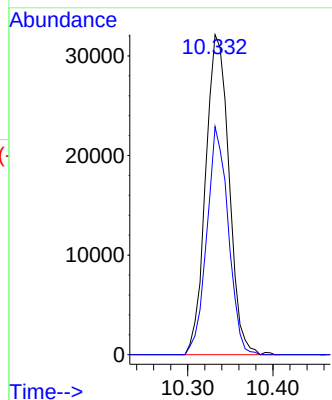
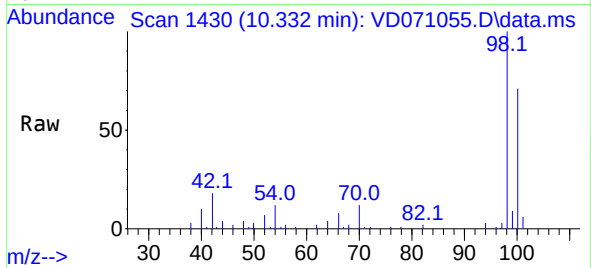




#50
Toluene-d8
Concen: 57.314 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071055.D
Acq: 19 Nov 2021 14:32

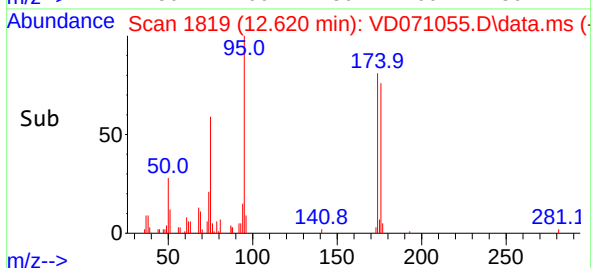
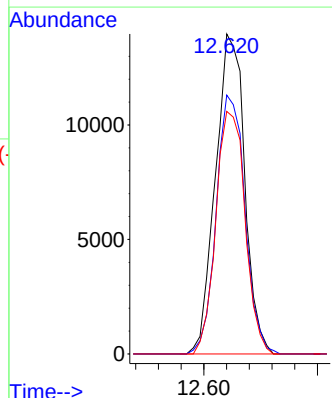
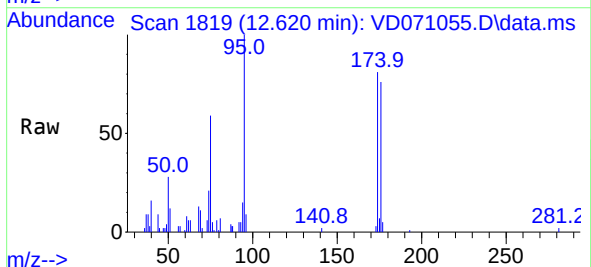
Instrument :
MSVOA_D
ClientSampleId :
CL-02-111921

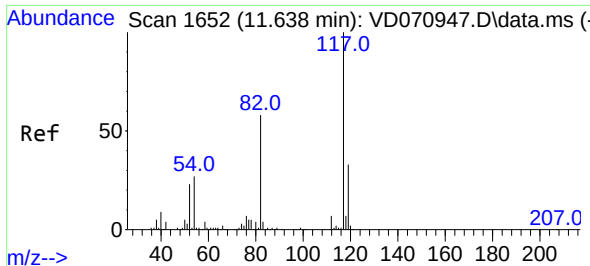
Tgt Ion: 98 Resp: 61232
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 64.733 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD071055.D
Acq: 19 Nov 2021 14:32

Tgt Ion: 95 Resp: 24901
Ion Ratio Lower Upper
95 100
174 79.7 0.0 159.4
176 75.7 0.0 154.0

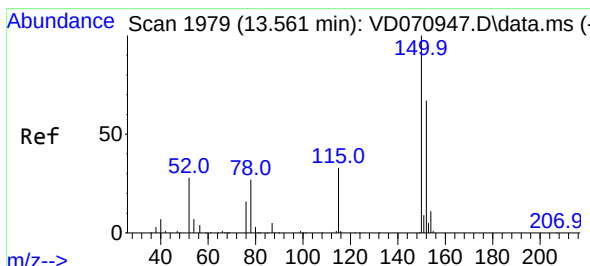
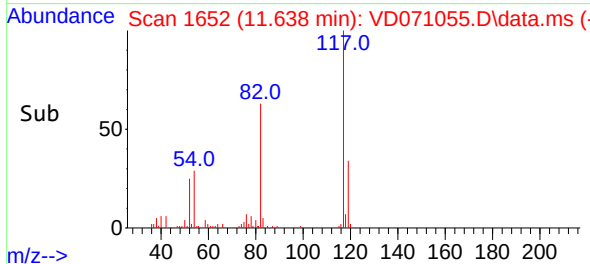
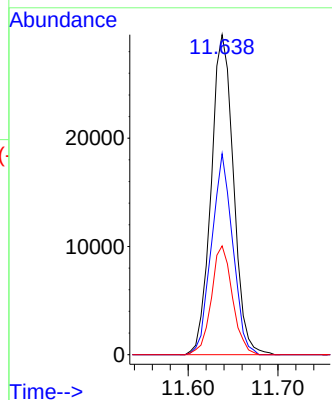
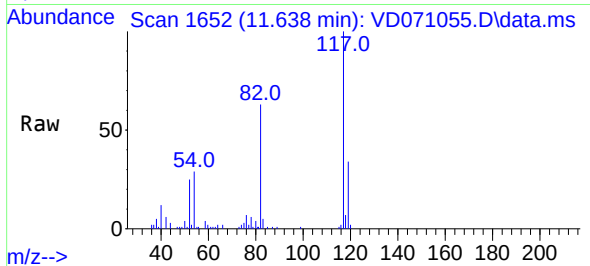




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071055.D
Acq: 19 Nov 2021 14:32

Instrument :
MSVOA_D
ClientSampleId :
CL-02-111921

Tgt Ion:	117	Resp:	51223
Ion	Ratio	Lower	Upper
117	100		
82	62.8	44.7	67.1
119	34.0	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: VD071055.D
Acq: 19 Nov 2021 14:32

Tgt Ion:	152	Resp:	25584
Ion	Ratio	Lower	Upper
152	100		
115	59.2	29.8	89.3
150	156.0	0.0	349.2

