

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070085.D
 Acq On : 17 Aug 2021 13:45
 Operator : VA/SY
 Sample : M3388-01RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-215RE

Quant Time: Aug 18 03:06:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	93615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	180979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	193335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	83662	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	95206	86.468	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	172.940%#
35) Dibromofluoromethane	7.914	113	75254	64.361	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	128.720%
50) Toluene-d8	10.338	98	236586	52.023	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.040%
62) 4-Bromofluorobenzene	12.626	95	79321	52.955	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.900%

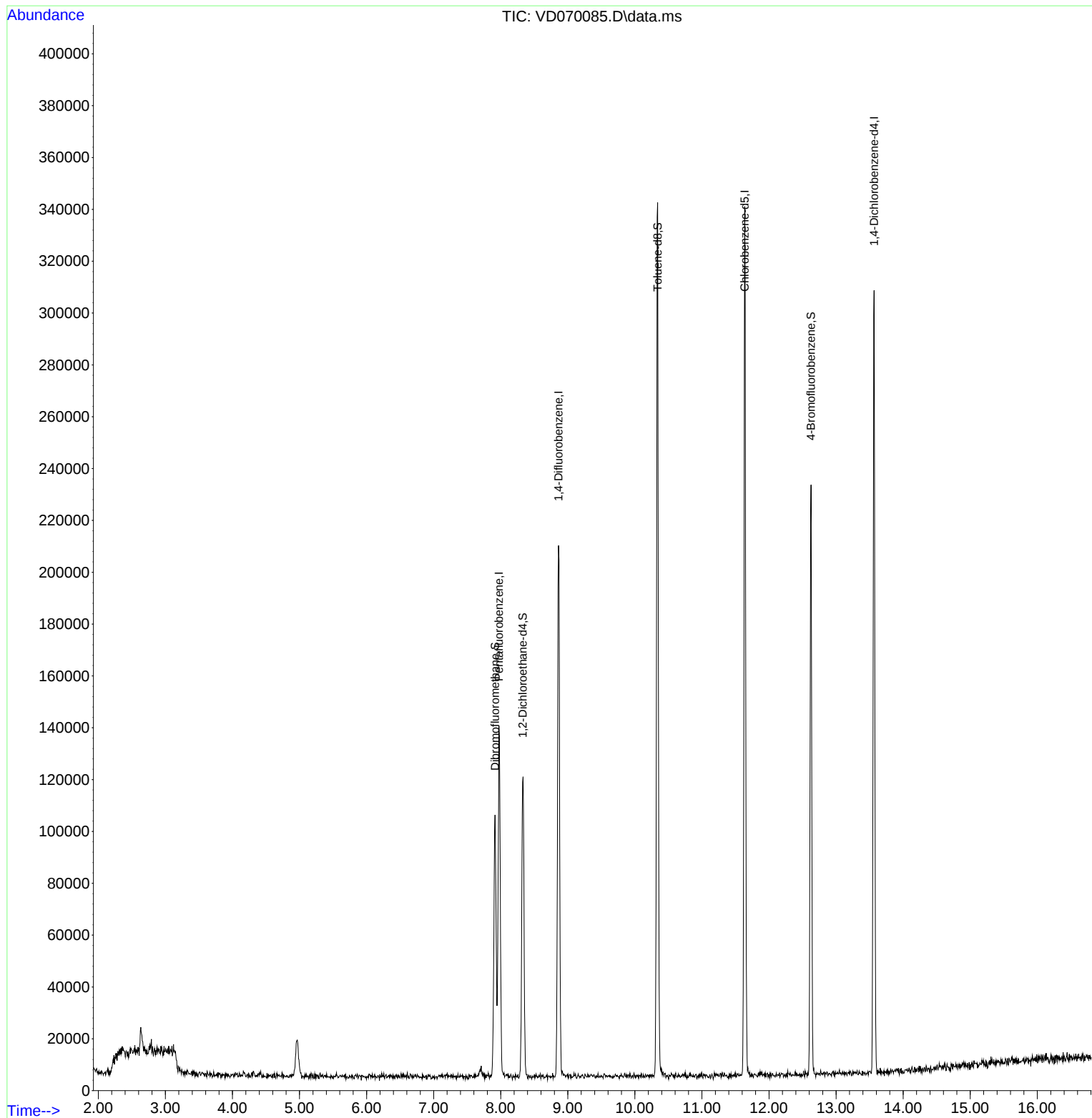
Target Compounds	Qvalue

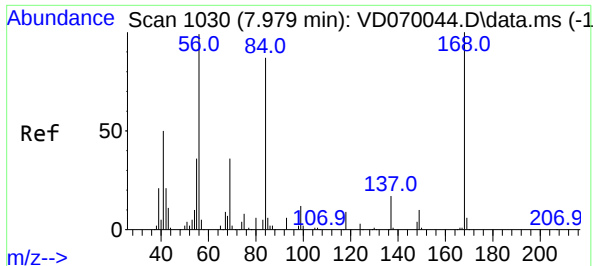
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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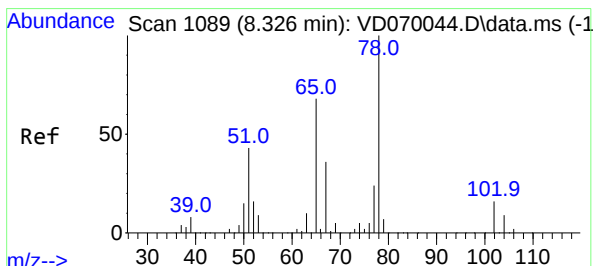
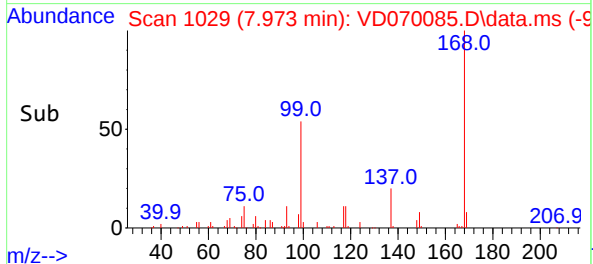
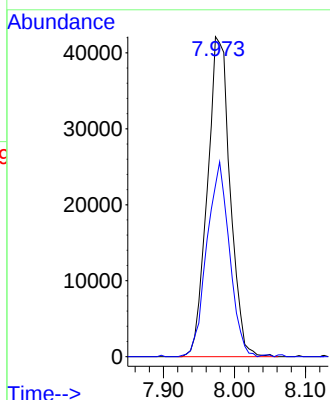
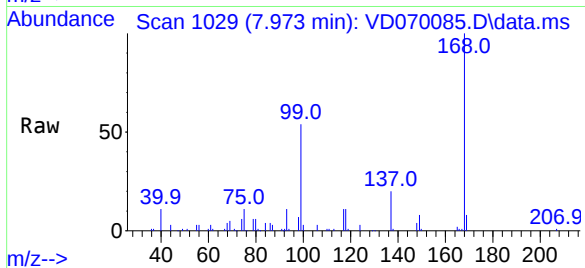




Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. -0.006 min
 Lab File: VD070085.D
 Acq: 17 Aug 2021 13:45

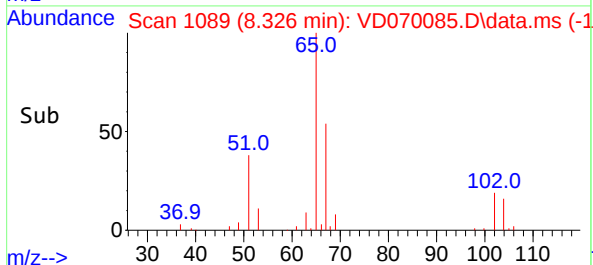
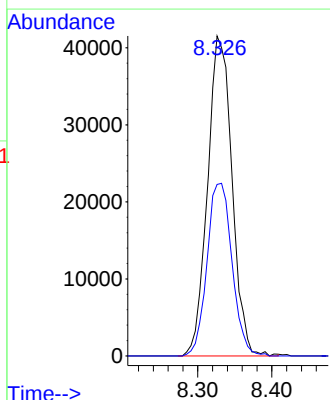
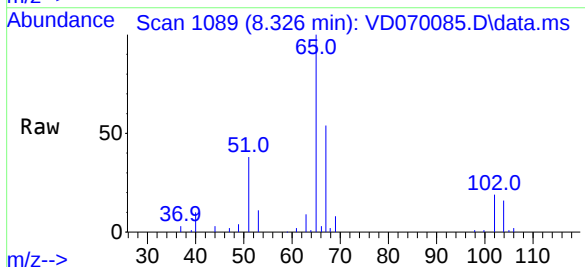
Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-215RE

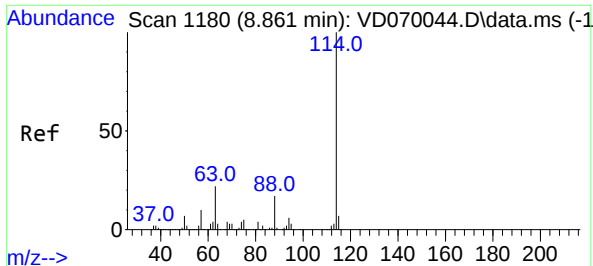
Tgt Ion:168 Resp: 93615
 Ion Ratio Lower Upper
 168 100
 99 53.6 50.3 75.5



1,2-Dichloroethane-d4
 Concen: 86.468 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. 0.000 min
 Lab File: VD070085.D
 Acq: 17 Aug 2021 13:45

Tgt Ion: 65 Resp: 95206
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 107.8



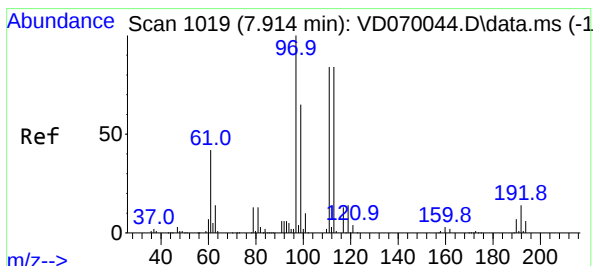
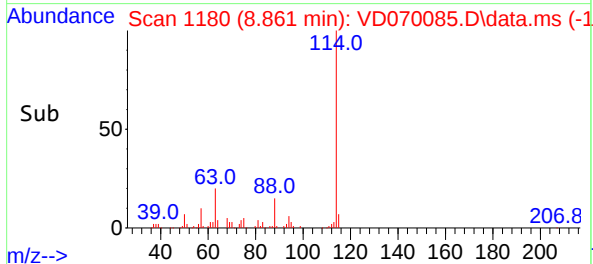
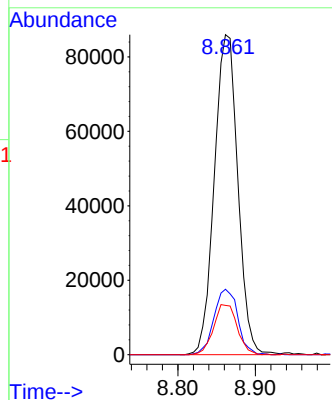
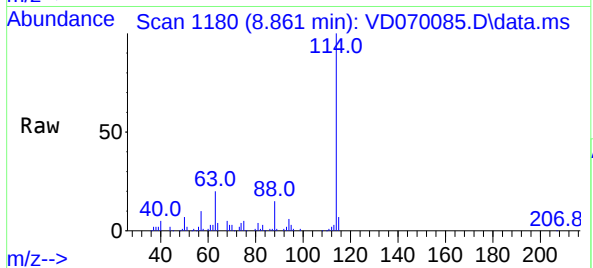


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070085.D
Acq: 17 Aug 2021 13:45

Instrument :
MSVOA_D
ClientSampleId :
VNJ-215RE

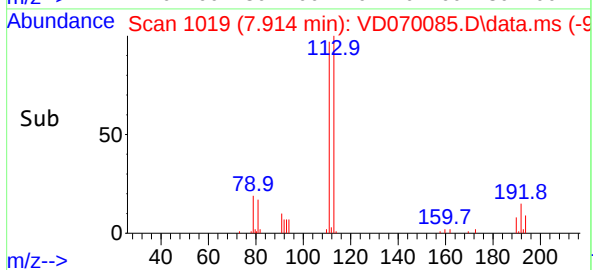
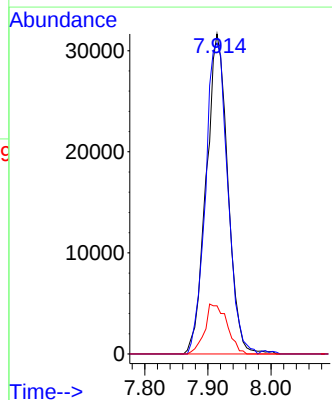
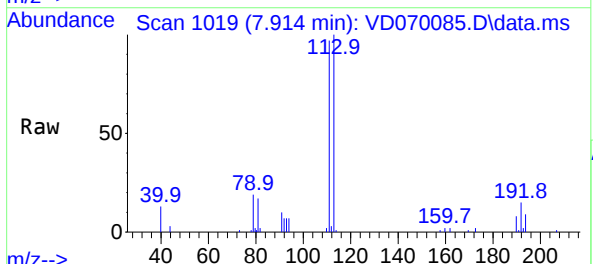
Tgt Ion:114 Resp: 180979
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.6
88 15.4 0.0 33.4

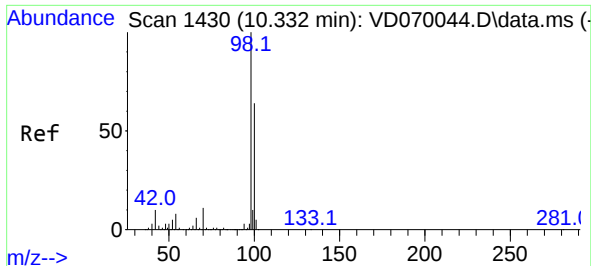


#35

Dibromofluoromethane
Concen: 64.361 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070085.D
Acq: 17 Aug 2021 13:45

Tgt Ion:113 Resp: 75254
Ion Ratio Lower Upper
113 100
111 100.1 81.8 122.6
192 16.1 13.2 19.8

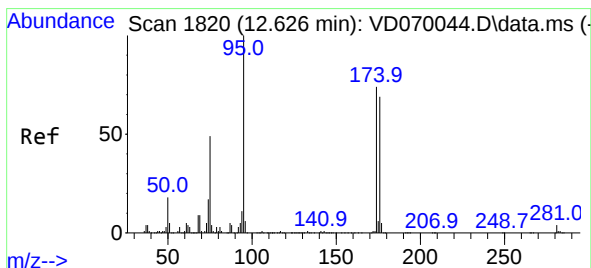
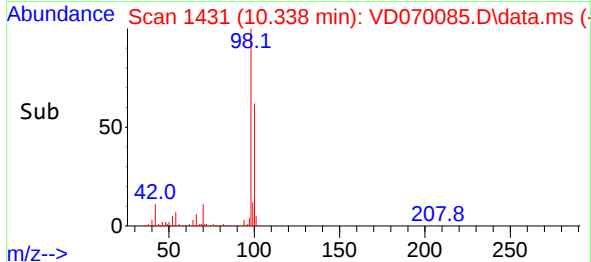
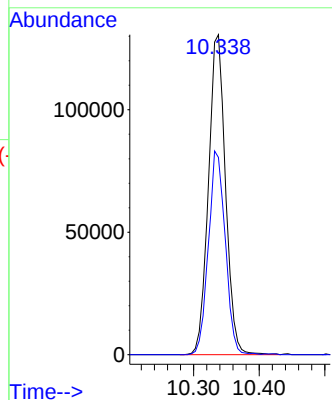
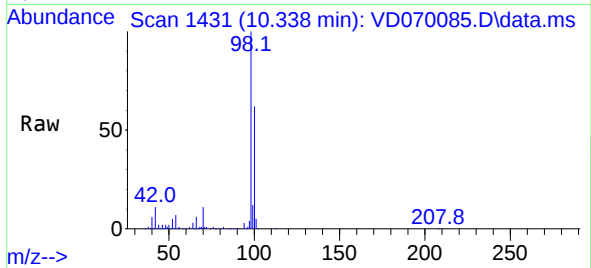




#50
Toluene-d8
Concen: 52.023 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070085.D
Acq: 17 Aug 2021 13:45

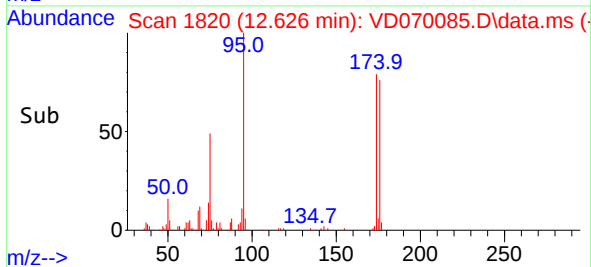
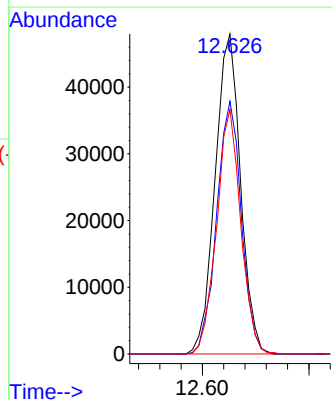
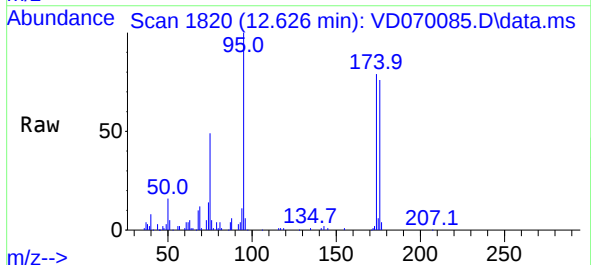
Instrument :
MSVOA_D
ClientSampleId :
VNJ-215RE

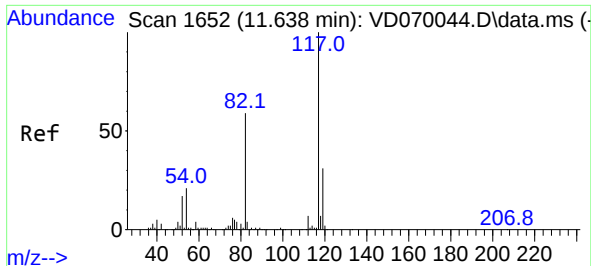
Tgt Ion: 98 Resp: 236586
Ion Ratio Lower Upper
98 100
100 62.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 52.955 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070085.D
Acq: 17 Aug 2021 13:45

Tgt Ion: 95 Resp: 79321
Ion Ratio Lower Upper
95 100
174 76.8 0.0 141.6
176 72.6 0.0 138.2

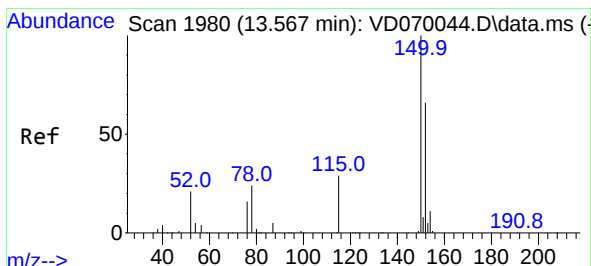
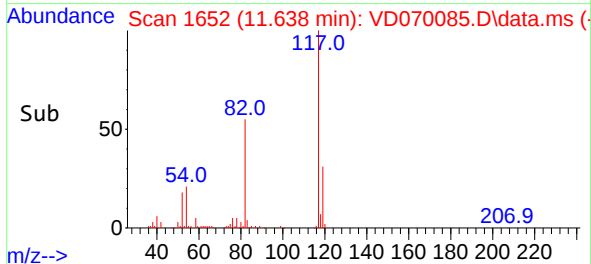
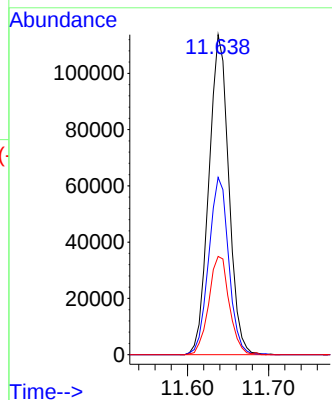
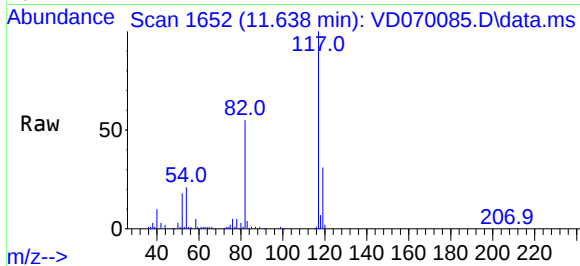




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070085.D
Acq: 17 Aug 2021 13:45

Instrument :
MSVOA_D
ClientSampleId :
VNJ-215RE

Tgt Ion:	117	Resp:	193335
Ion	Ratio	Lower	Upper
117	100		
82	55.4	47.5	71.3
119	30.7	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070085.D
Acq: 17 Aug 2021 13:45

Tgt Ion:	152	Resp:	83662
Ion	Ratio	Lower	Upper
152	100		
115	59.7	31.2	93.6
150	155.2	0.0	352.0

