

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021422\
 Data File : VD071957.D
 Acq On : 14 Feb 2022 15:18
 Operator : VA/SY
 Sample : N1521-07
 Misc : 6.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2-A

Quant Time: Feb 15 00:36:17 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	394646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	778317	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	737653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	316321	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	257390	51.601	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.200%
35) Dibromofluoromethane	7.914	113	247738	48.423	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.840%
50) Toluene-d8	10.338	98	995061	52.079	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.160%
62) 4-Bromofluorobenzene	12.626	95	328902	49.293	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.580%

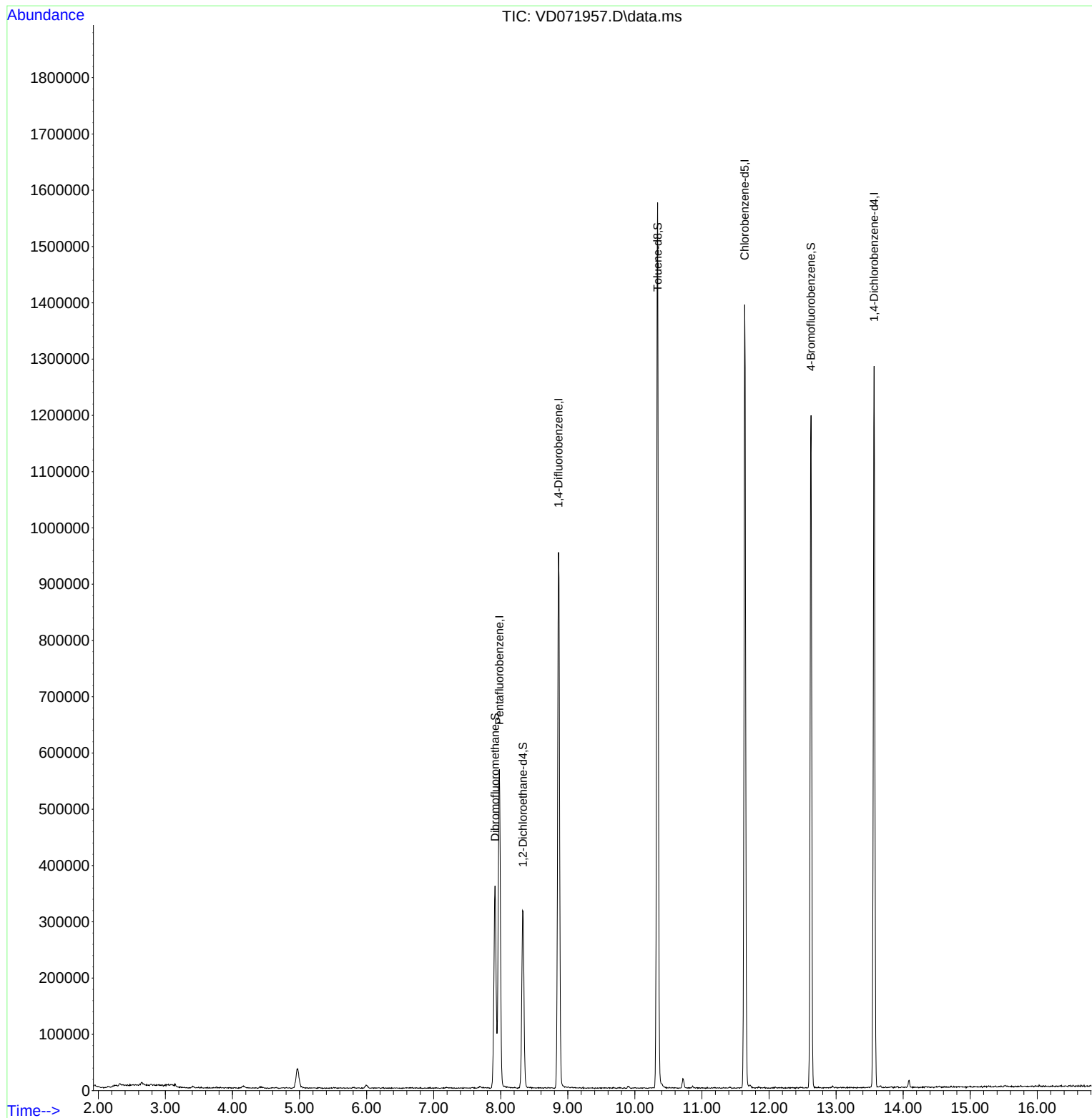
Target Compounds	Qvalue

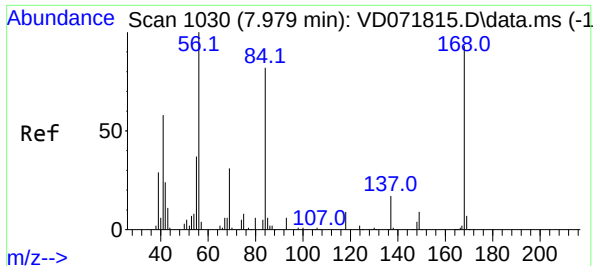
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD071957.D

Acq: 14 Feb 2022 15:18

Instrument :

MSVOA_D

ClientSampleId :

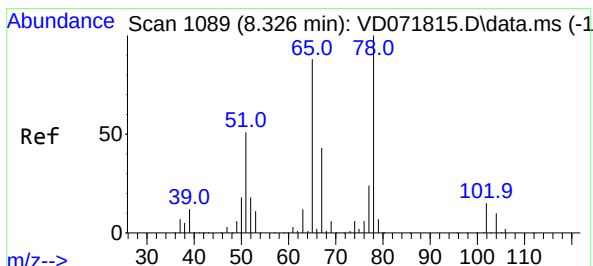
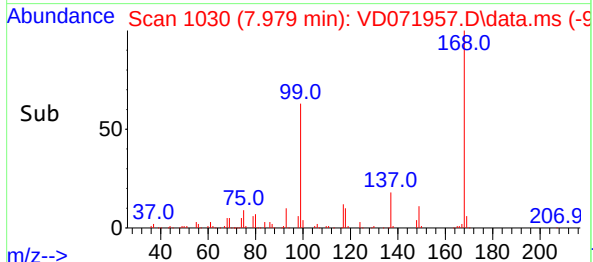
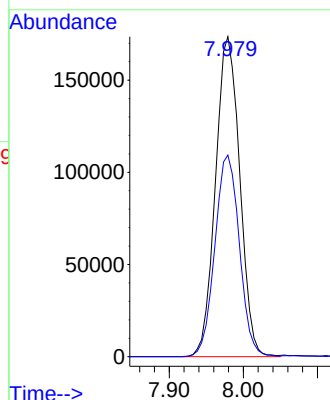
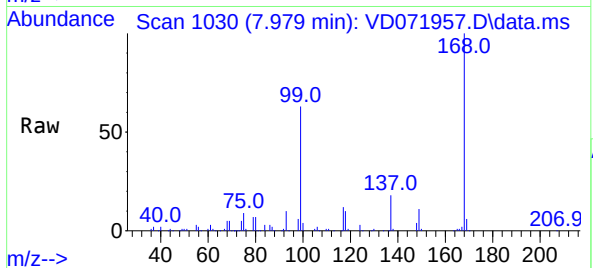
TP2-A

Tgt Ion:168 Resp: 394646

Ion Ratio Lower Upper

168 100

99 63.0 49.8 74.6



1,2-Dichloroethane-d4

Concen: 51.601 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071957.D

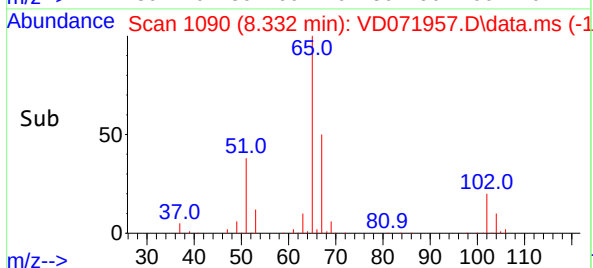
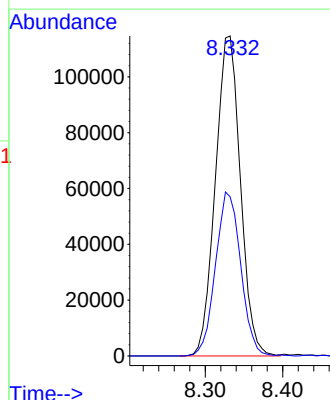
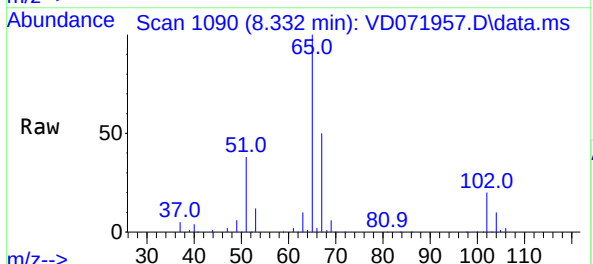
Acq: 14 Feb 2022 15:18

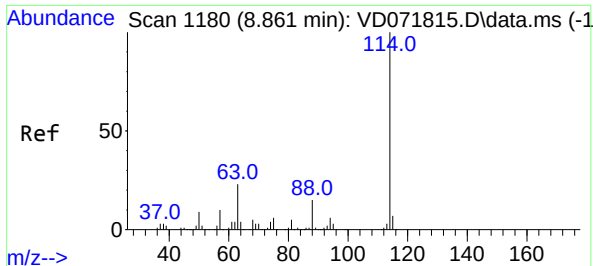
Tgt Ion: 65 Resp: 257390

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.4



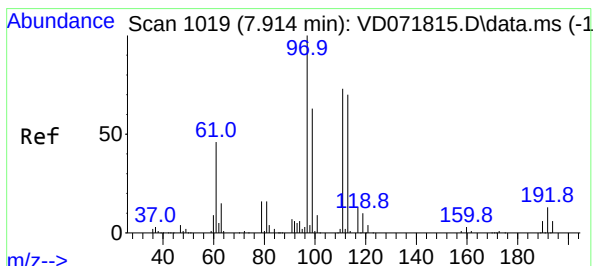
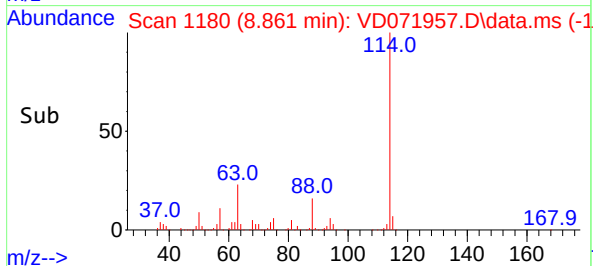
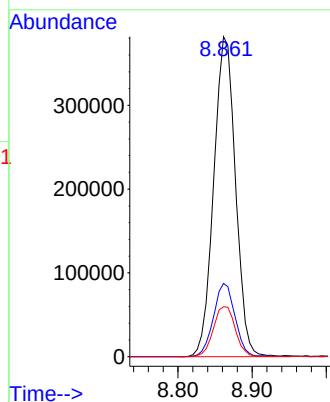
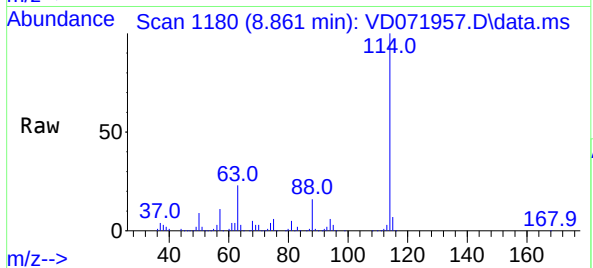


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071957.D
Acq: 14 Feb 2022 15:18

Instrument :
MSVOA_D
ClientSampleId :
TP2-A

Tgt Ion:114 Resp: 778317

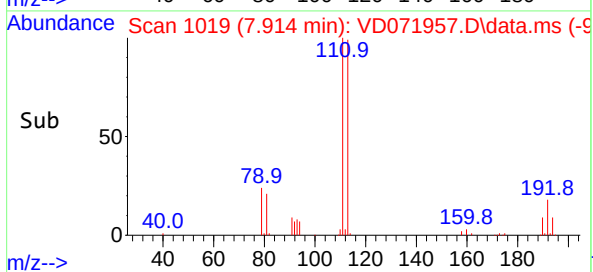
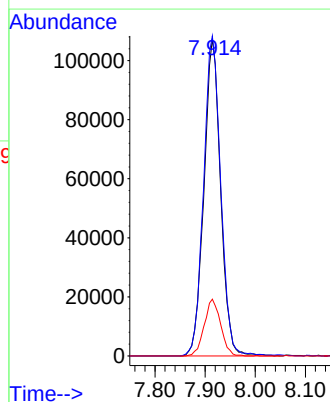
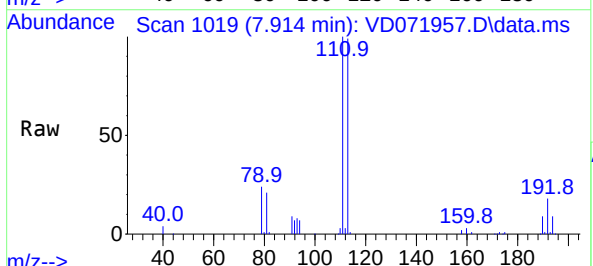
Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	46.6
88	15.6	0.0	33.2

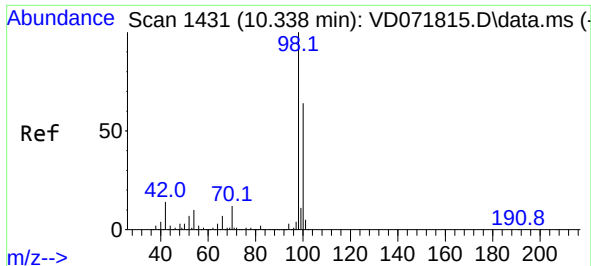


#35
Dibromofluoromethane
Concen: 48.423 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071957.D
Acq: 14 Feb 2022 15:18

Tgt Ion:113 Resp: 247738

Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.8	125.6
192	17.7	14.6	21.8

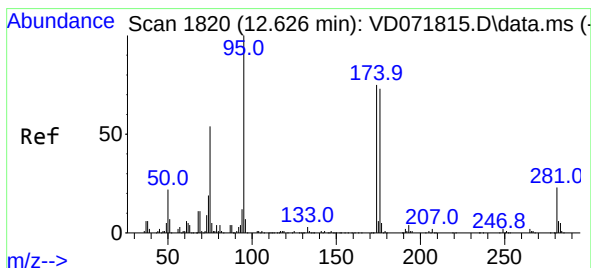
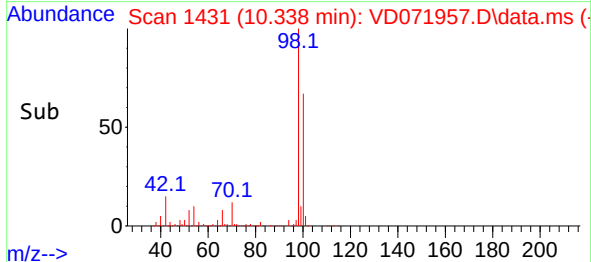
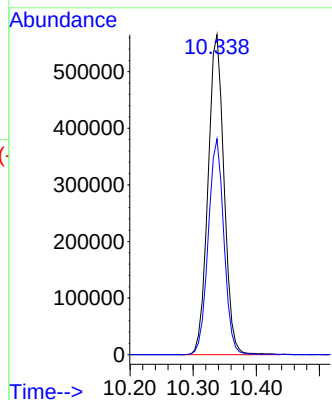
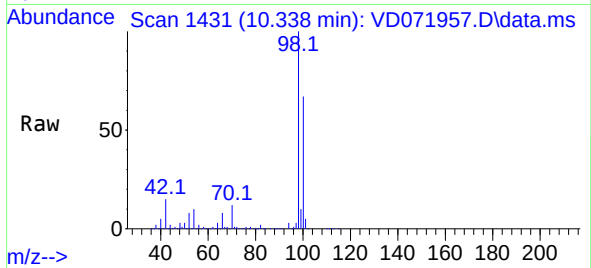




#50
Toluene-d8
Concen: 52.079 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071957.D
Acq: 14 Feb 2022 15:18

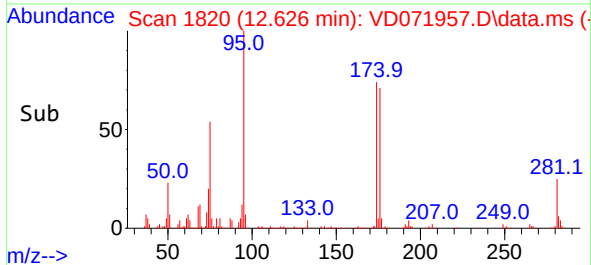
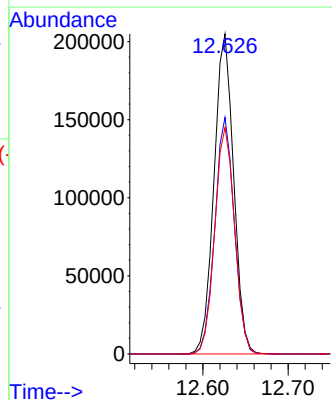
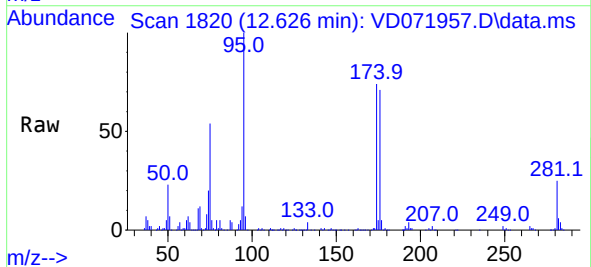
Instrument :
MSVOA_D
ClientSampleId :
TP2-A

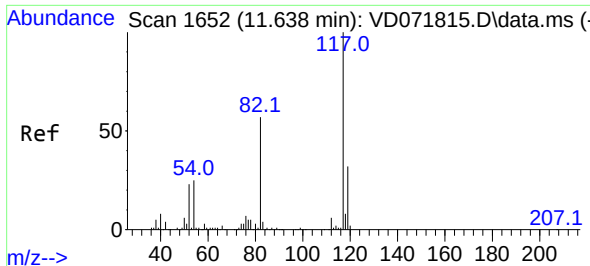
Tgt Ion: 98 Resp: 995061
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.293 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071957.D
Acq: 14 Feb 2022 15:18

Tgt Ion: 95 Resp: 328902
Ion Ratio Lower Upper
95 100
174 73.2 0.0 152.8
176 71.2 0.0 145.4

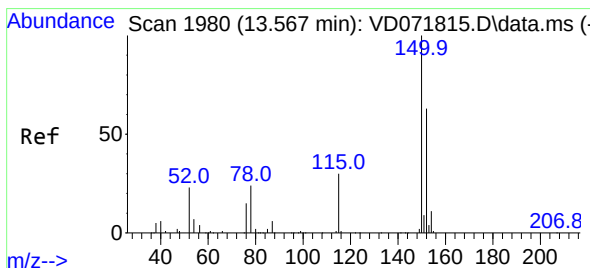
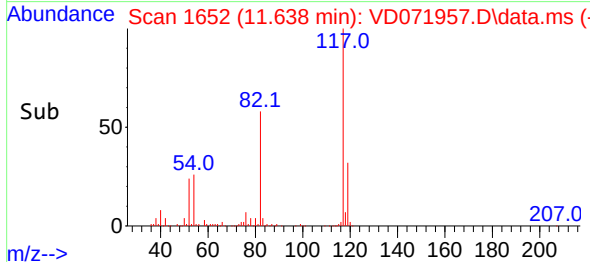
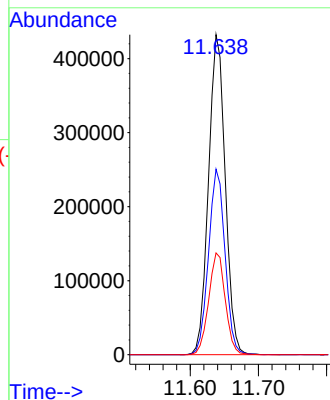
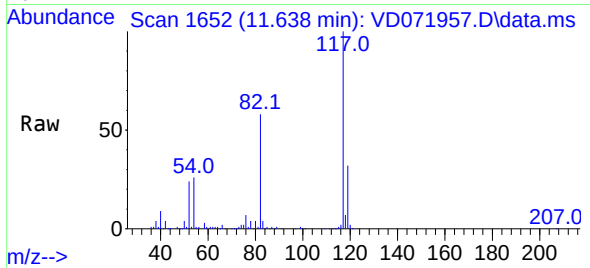




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071957.D
Acq: 14 Feb 2022 15:18

Instrument :
MSVOA_D
ClientSampleId :
TP2-A

Tgt Ion:117 Resp: 737653
Ion Ratio Lower Upper
117 100
82 58.0 45.3 67.9
119 31.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071957.D
Acq: 14 Feb 2022 15:18

Tgt Ion:152 Resp: 316321
Ion Ratio Lower Upper
152 100
115 60.7 31.3 93.8
150 155.9 0.0 348.6

