

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070921\
 Data File : VD069651.D
 Acq On : 09 Jul 2021 17:29
 Operator : VA/SY
 Sample : M2990-07
 Misc : 3.28G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-K

Quant Time: Jul 10 02:55:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	654621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1267622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1363362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	636630	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	380210	46.596	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.200%
35) Dibromofluoromethane	7.914	113	393472	45.919	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.840%
50) Toluene-d8	10.338	98	1657316	51.563	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.120%
62) 4-Bromofluorobenzene	12.626	95	640799	60.644	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.280%

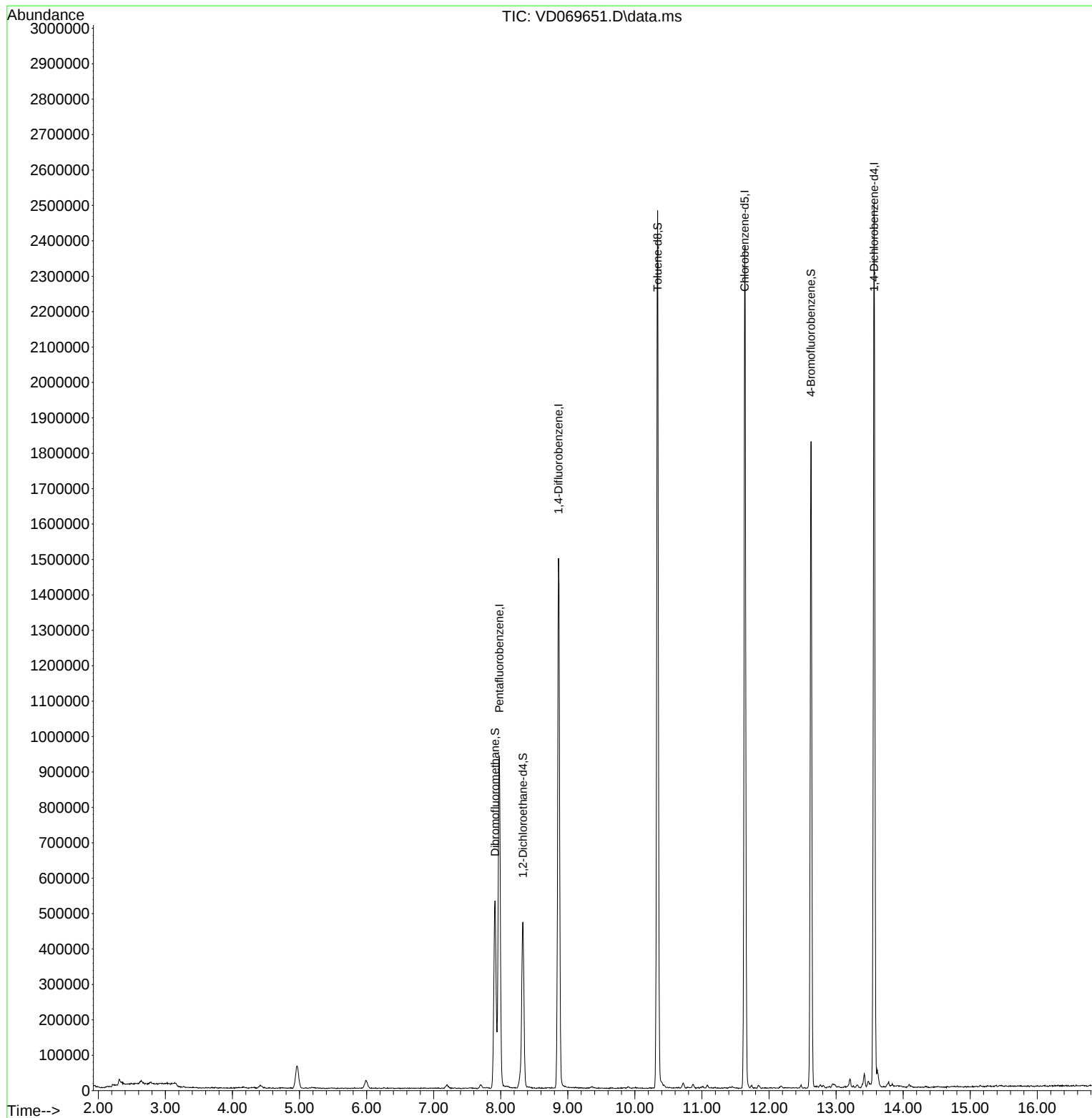
Target Compounds	Qvalue

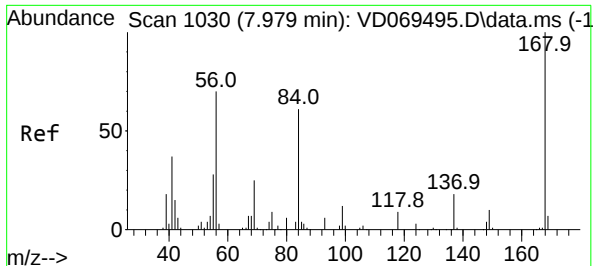
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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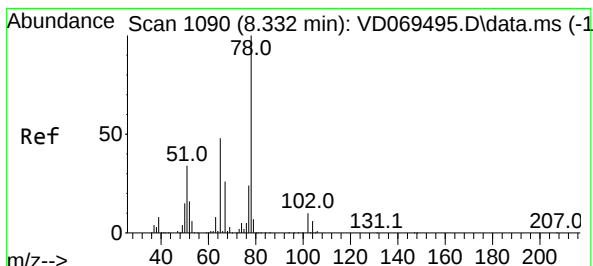
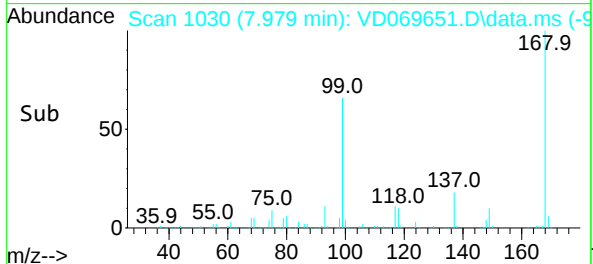
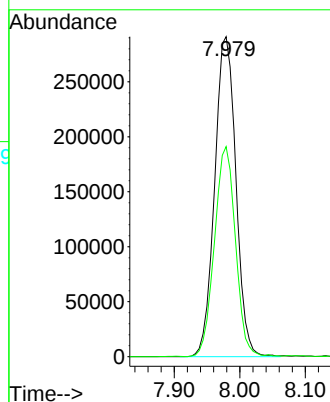
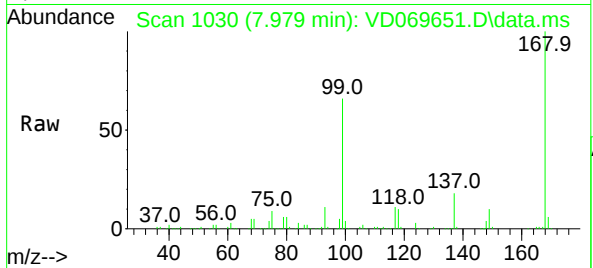




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069651.D
Acq: 09 Jul 2021 17:29

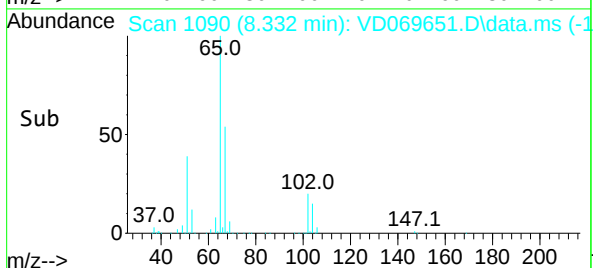
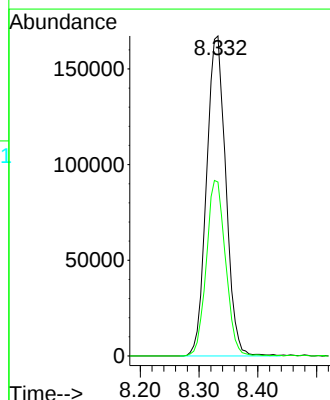
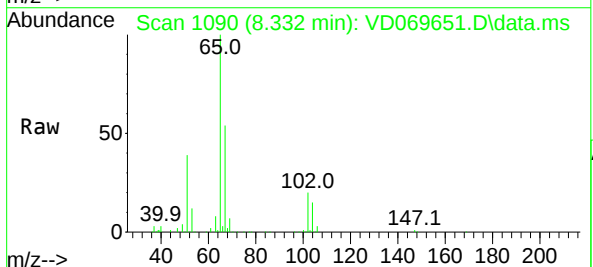
Instrument :
MSVOA_D
ClientSampleId :
TP-K

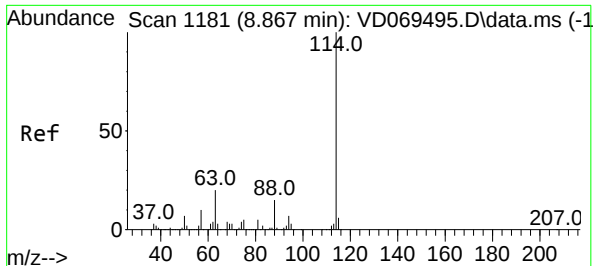
Tgt Ion:168 Resp: 654621
Ion Ratio Lower Upper
168 100
99 65.6 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 46.596 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069651.D
Acq: 09 Jul 2021 17:29

Tgt Ion: 65 Resp: 380210
Ion Ratio Lower Upper
65 100
67 54.6 0.0 105.6





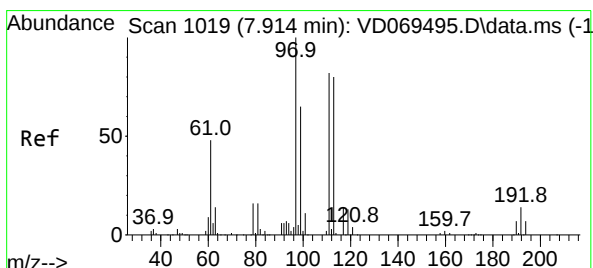
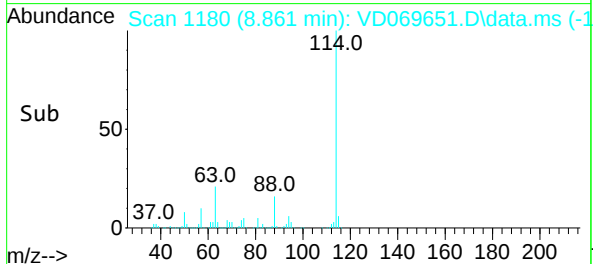
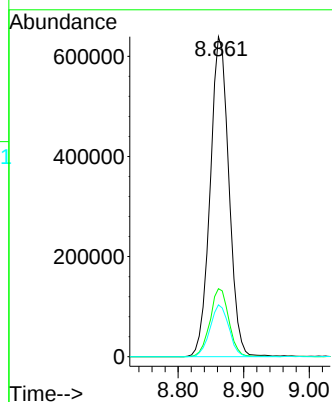
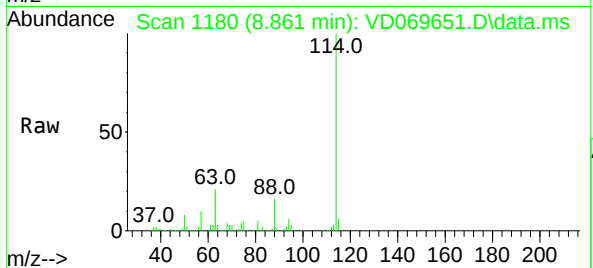
#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069651.D
Acq: 09 Jul 2021 17:29

Instrument :
MSVOA_D
ClientSampleId :
TP-K

Tgt Ion:114 Resp: 1267622

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	39.6
88	16.2	0.0	29.8

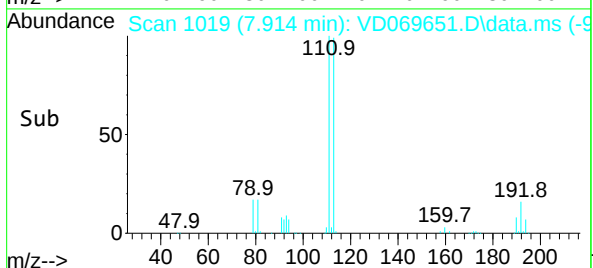
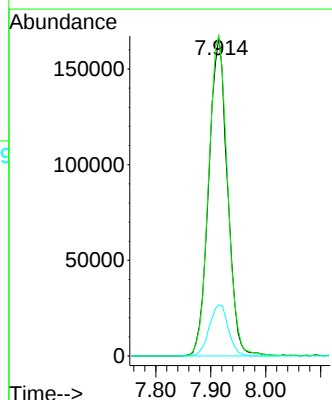
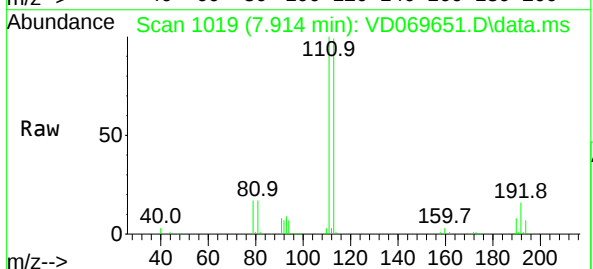


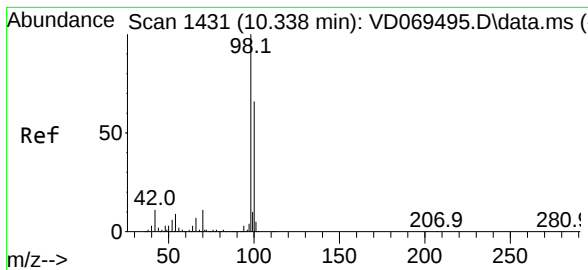
#35

Dibromofluoromethane
Concen: 45.919 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069651.D
Acq: 09 Jul 2021 17:29

Tgt Ion:113 Resp: 393472

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.8
192	16.3	13.8	20.6

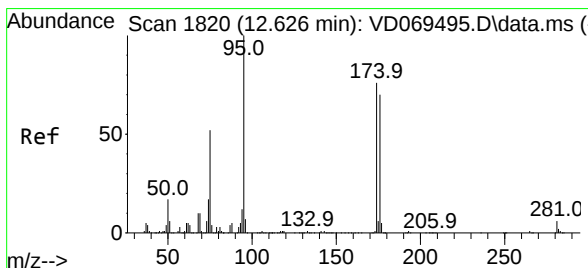
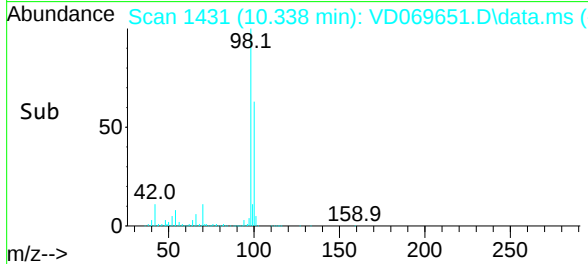
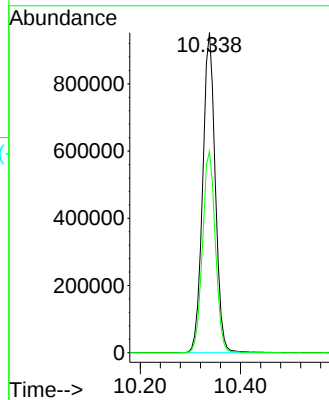
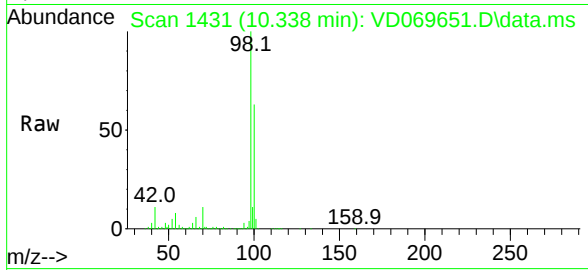




#50
Toluene-d8
Concen: 51.563 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069651.D
Acq: 09 Jul 2021 17:29

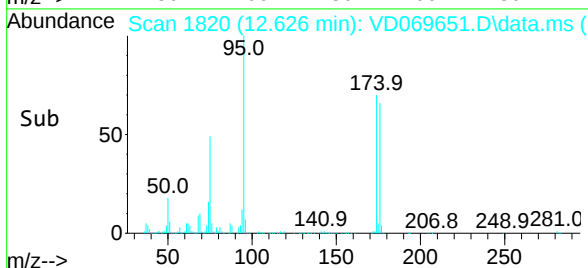
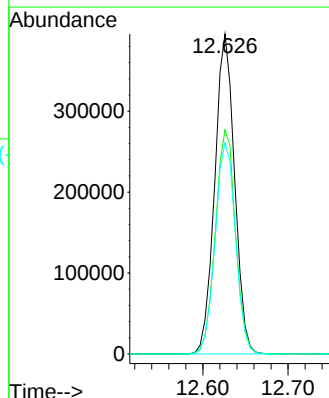
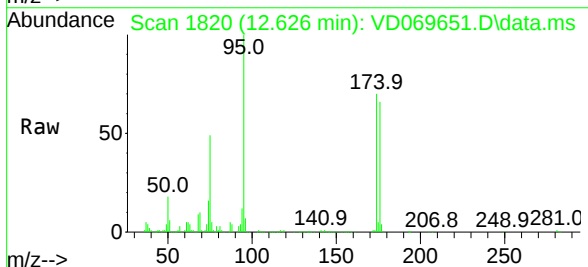
Instrument :
MSVOA_D
ClientSampleId :
TP-K

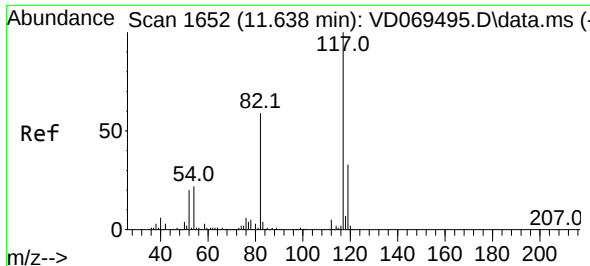
Tgt Ion: 98 Resp: 1657316
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 60.644 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069651.D
Acq: 09 Jul 2021 17:29

Tgt Ion: 95 Resp: 640799
Ion Ratio Lower Upper
95 100
174 71.1 0.0 148.0
176 67.4 0.0 139.8

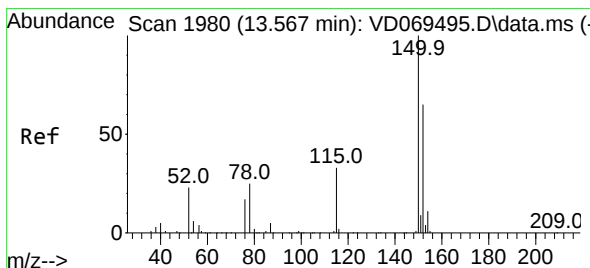
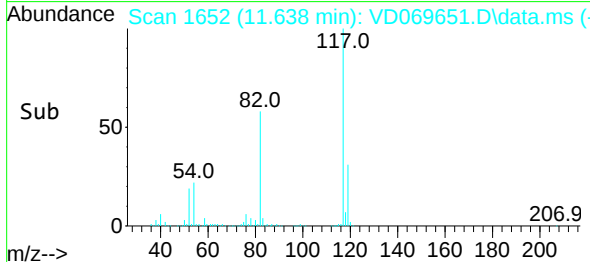
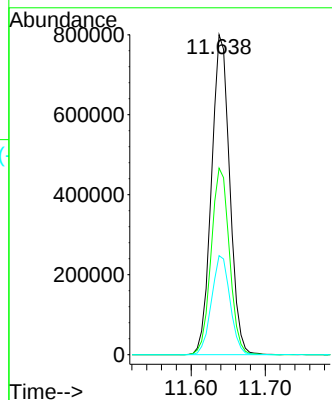
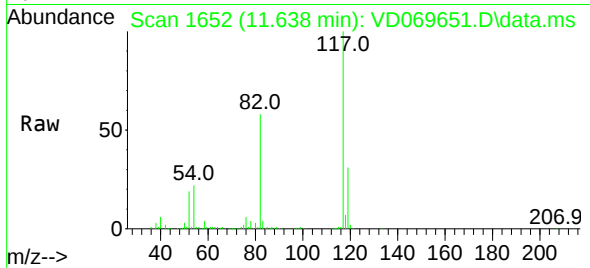




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069651.D
Acq: 09 Jul 2021 17:29

Instrument :
MSVOA_D
ClientSampleId :
TP-K

Tgt Ion:117 Resp: 1363362
Ion Ratio Lower Upper
117 100
82 58.3 46.8 70.2
119 31.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069651.D
Acq: 09 Jul 2021 17:29

Tgt Ion:152 Resp: 636630
Ion Ratio Lower Upper
152 100
115 62.8 31.7 95.1
150 156.6 0.0 350.8

