

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070621\
 Data File : VD069592.D
 Acq On : 06 Jul 2021 20:02
 Operator : VA/SY
 Sample : M2926-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Jul 07 04:55:41 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	7.973	168	3035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	6092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	5530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	1515	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	1500	39.650	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.300%
35) Dibromofluoromethane	7.909	113	1918	46.575	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.160%
50) Toluene-d8	10.338	98	7038	45.563	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.120%
62) 4-Bromofluorobenzene	12.632	95	2199	43.303	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.600%

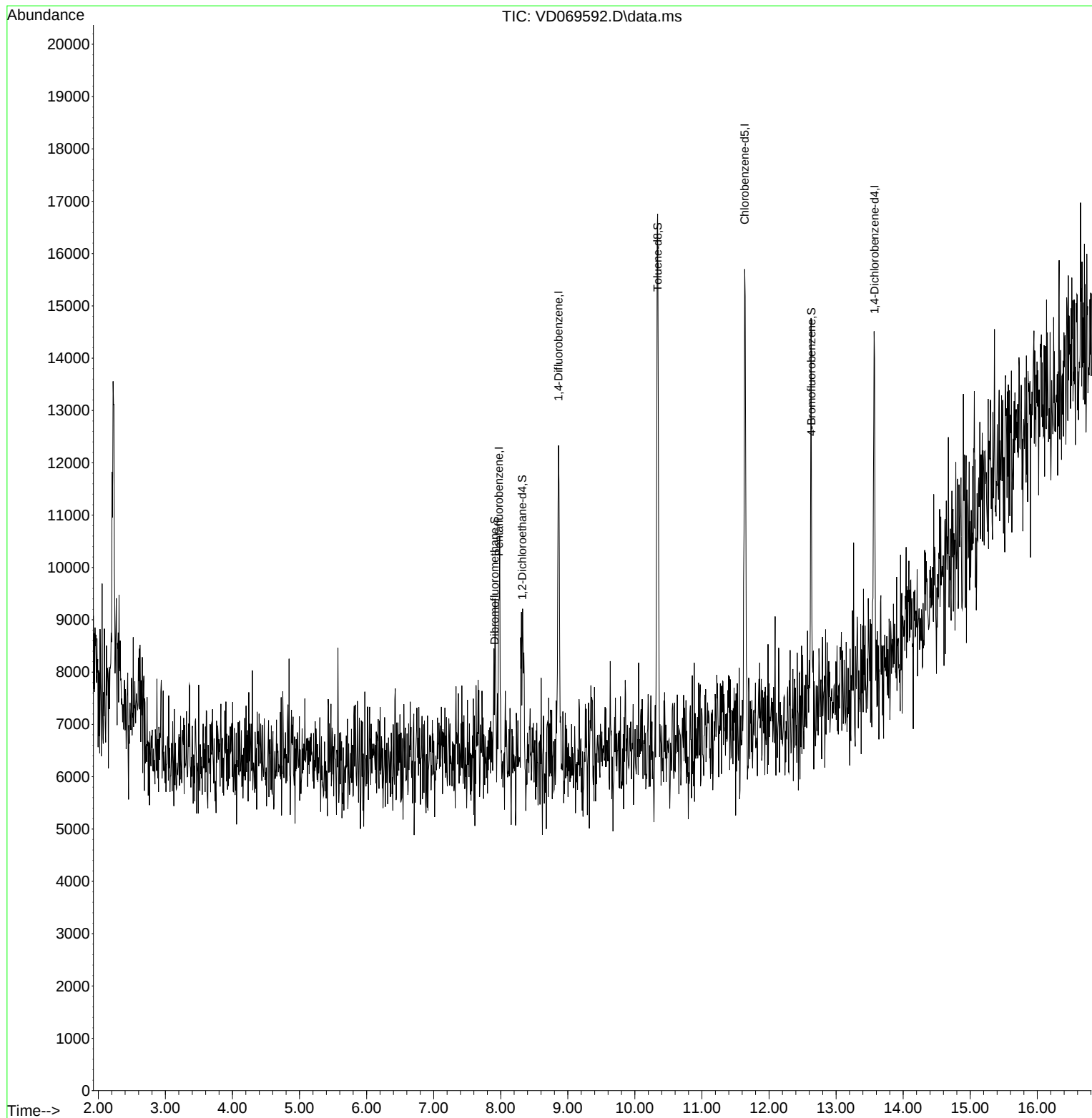
Target Compounds	Qvalue

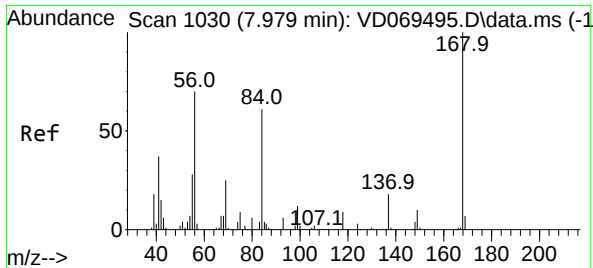
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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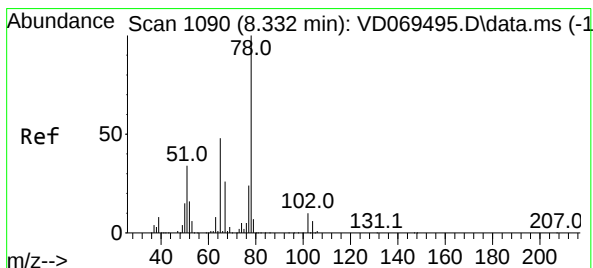
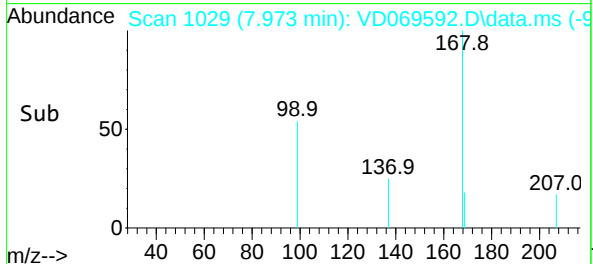
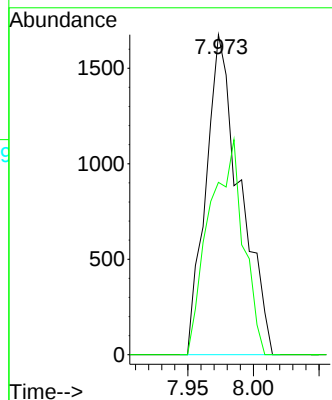
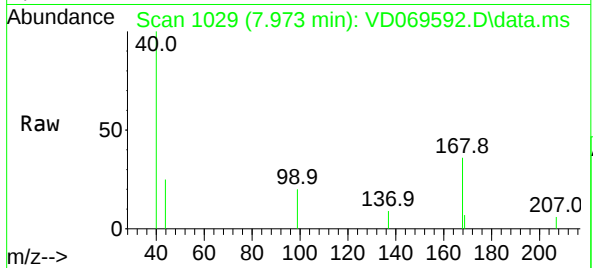




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069592.D
Acq: 06 Jul 2021 20:02

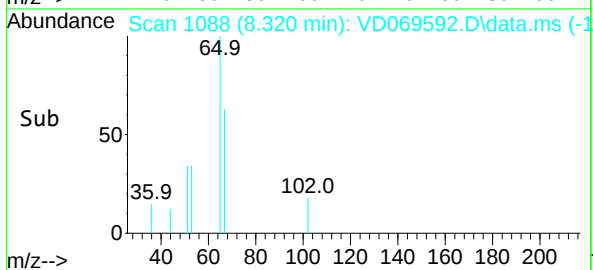
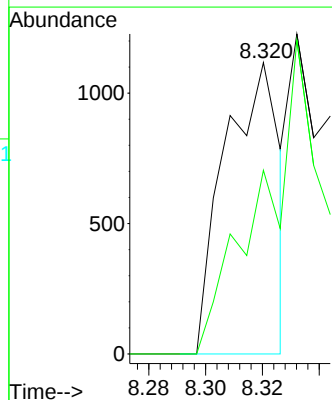
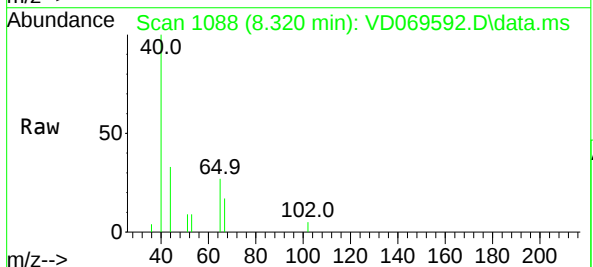
Instrument :
MSVOA_D
ClientSampled :
TP-1

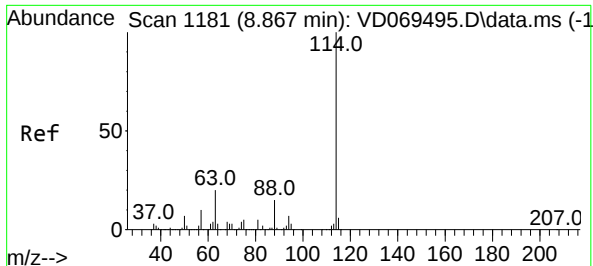
Tgt Ion:168 Resp: 3035
Ion Ratio Lower Upper
168 100
99 53.9 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 39.650 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.012 min
Lab File: VD069592.D
Acq: 06 Jul 2021 20:02

Tgt Ion: 65 Resp: 1500
Ion Ratio Lower Upper
65 100
67 119.7 0.0 105.6#



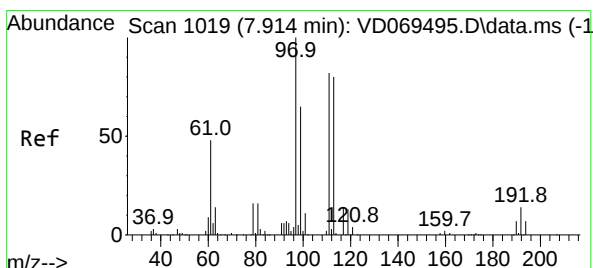
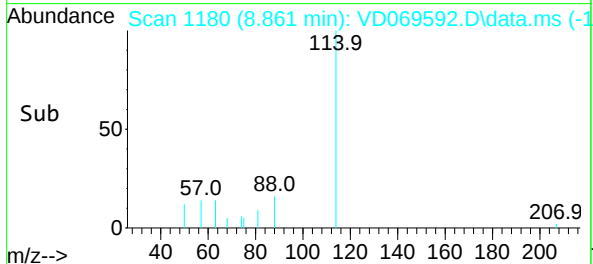
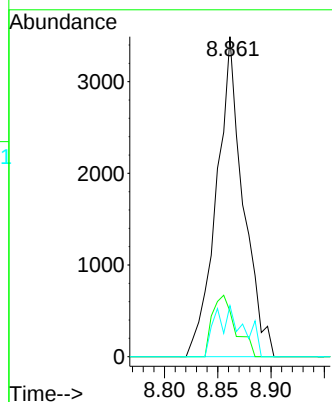
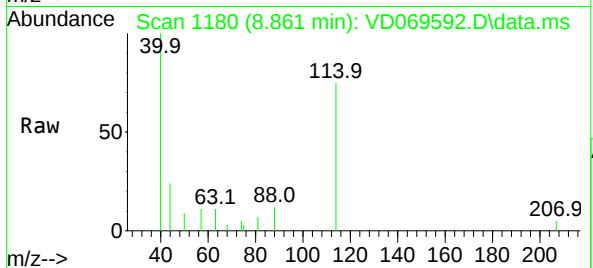


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069592.D
Acq: 06 Jul 2021 20:02

Instrument :
MSVOA_D
ClientSampled :
TP-1

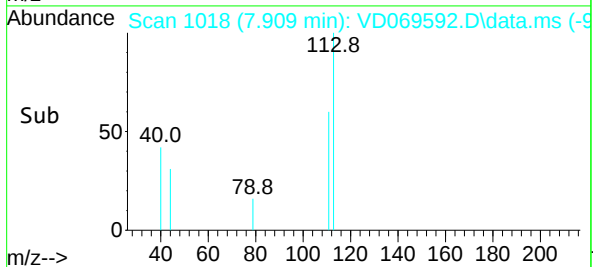
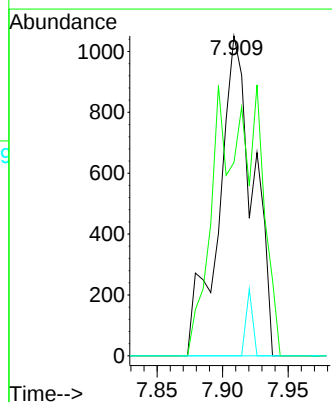
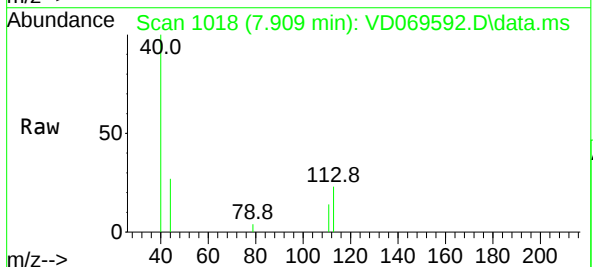
Tgt Ion:	114	Resp:	6092
Ion Ratio	100	Lower	Upper
63	14.2	0.0	39.6
88	16.0	0.0	29.8

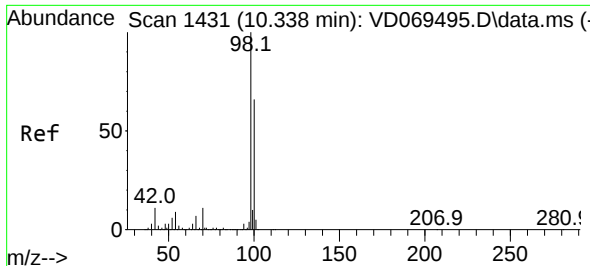


#35

Dibromofluoromethane
Concen: 46.575 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069592.D
Acq: 06 Jul 2021 20:02

Tgt Ion:	113	Resp:	1918
Ion Ratio	100	Lower	Upper
111	0.0	81.8	122.8#
192	4.1	13.8	20.6#

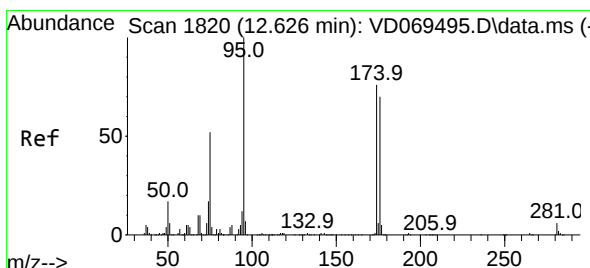
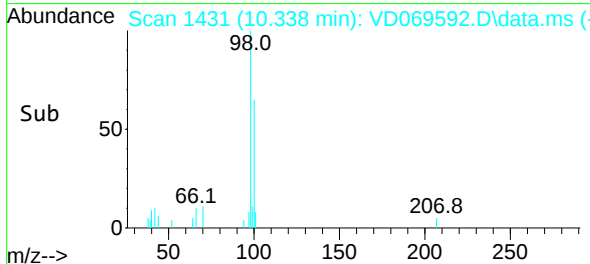
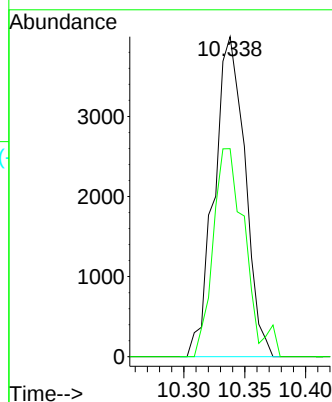
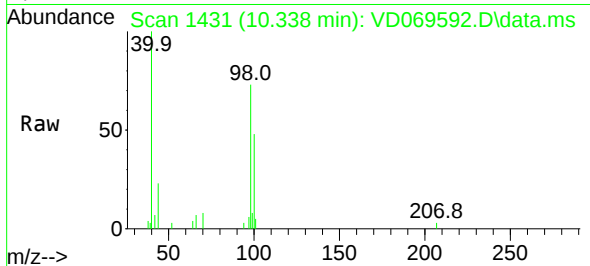




#50
Toluene-d8
Concen: 45.563 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069592.D
Acq: 06 Jul 2021 20:02

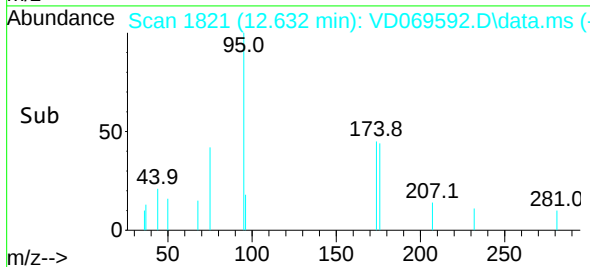
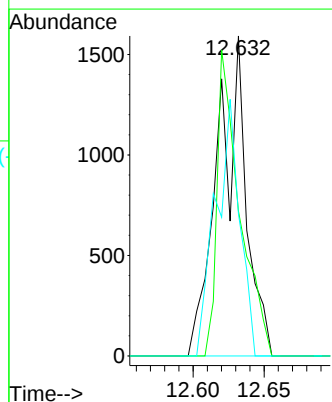
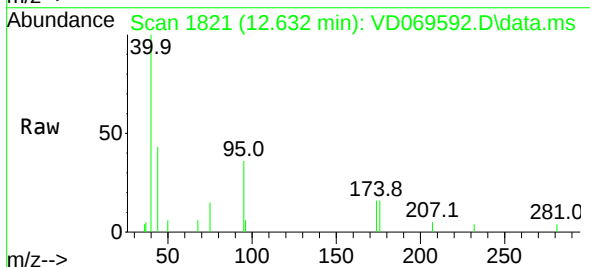
Instrument :
MSVOA_D
ClientSampleId :
TP-1

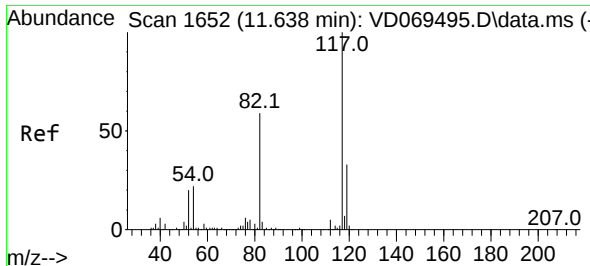
Tgt Ion: 98 Resp: 7038
Ion Ratio Lower Upper
98 100
100 67.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 43.303 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069592.D
Acq: 06 Jul 2021 20:02

Tgt Ion: 95 Resp: 2199
Ion Ratio Lower Upper
95 100
174 76.4 0.0 148.0
176 68.3 0.0 139.8

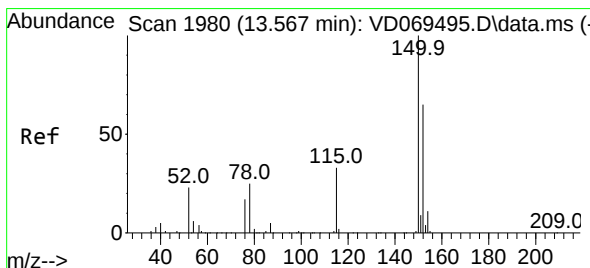
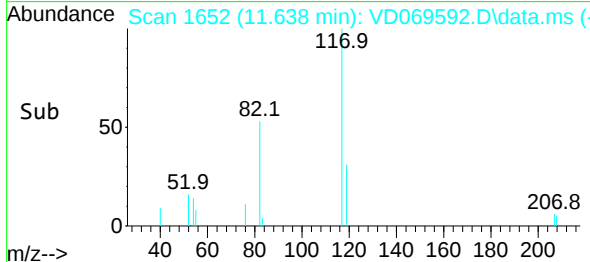
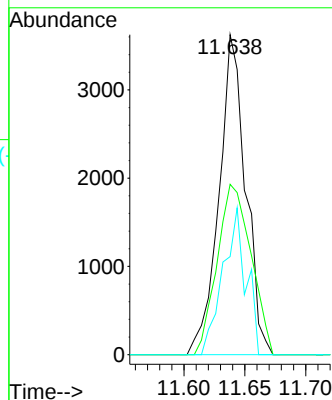
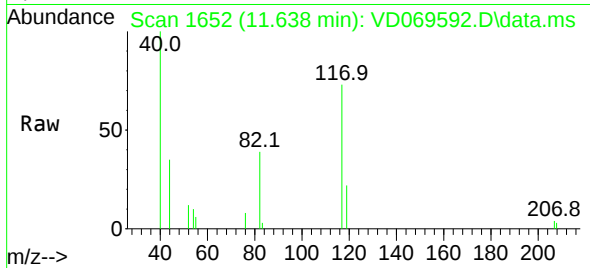




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069592.D
Acq: 06 Jul 2021 20:02

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion:	117	Resp:	5530
Ion	Ratio	Lower	Upper
117	100		
82	53.3	46.8	70.2
119	30.7	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.006 min
Lab File: VD069592.D
Acq: 06 Jul 2021 20:02

Tgt Ion:	152	Resp:	1515
Ion	Ratio	Lower	Upper
152	100		
115	72.9	31.7	95.1
150	180.3	0.0	350.8

