

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070621\
 Data File : VD069588.D
 Acq On : 06 Jul 2021 18:09
 Operator : VA/SY
 Sample : M2936-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-070221

Quant Time: Jul 07 04:54:41 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	7.979	168	12470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	23031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	26708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	11275	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	14582	93.813	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	187.620%#
35) Dibromofluoromethane	7.909	113	7444	47.814	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.620%
50) Toluene-d8	10.332	98	31354	53.692	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.380%
62) 4-Bromofluorobenzene	12.626	95	11403	59.396	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.800%

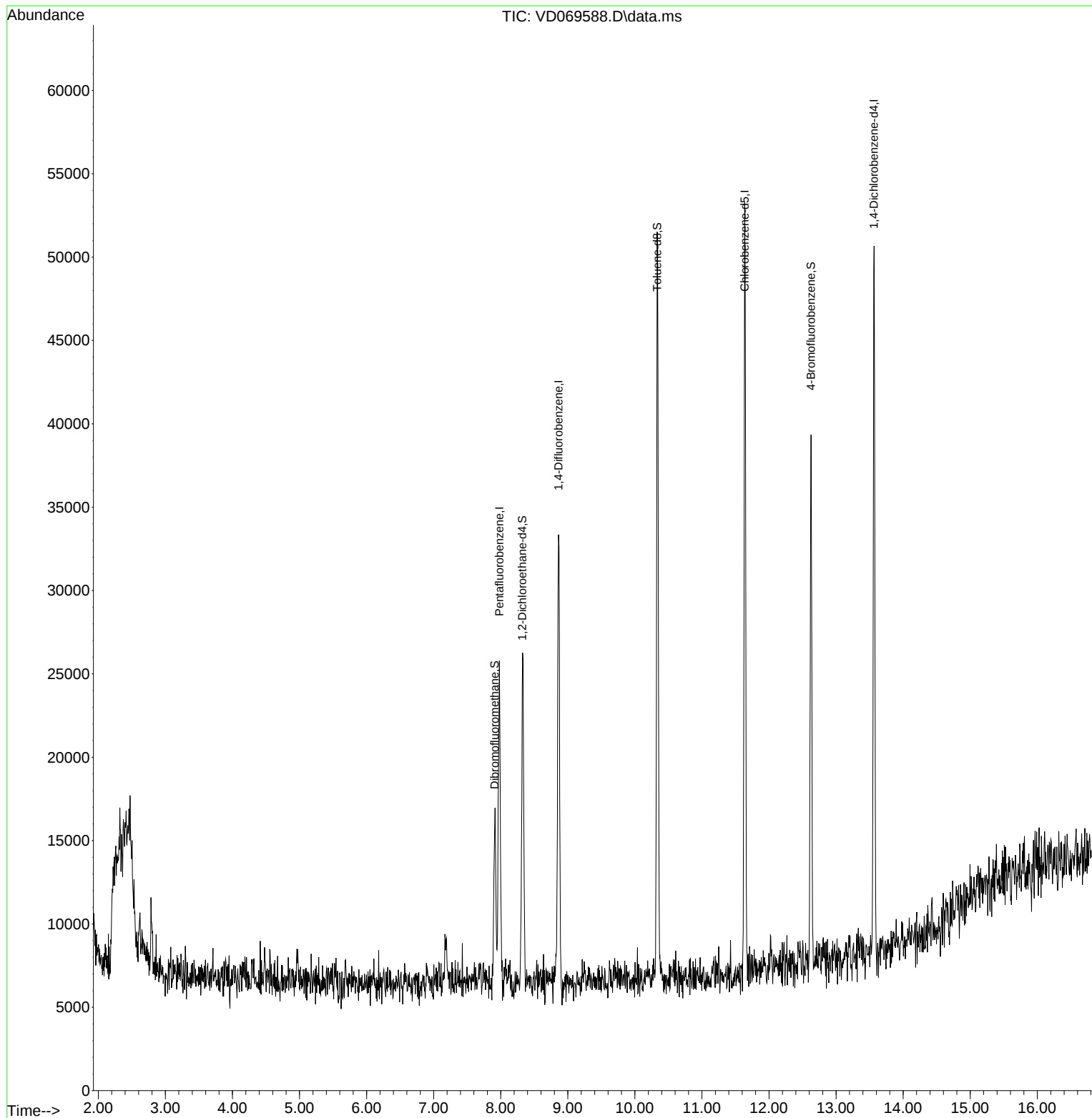
Target Compounds	Qvalue

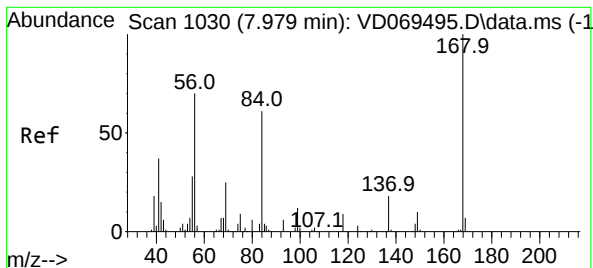
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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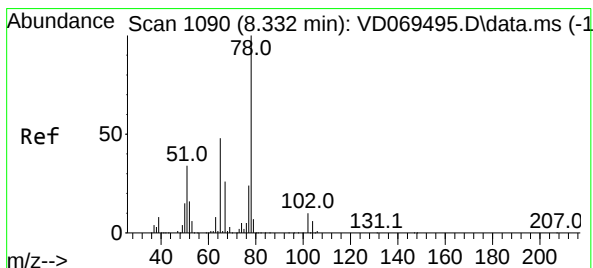
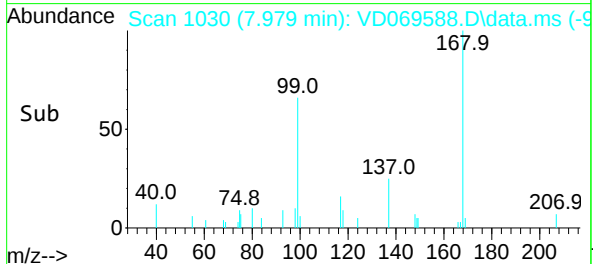
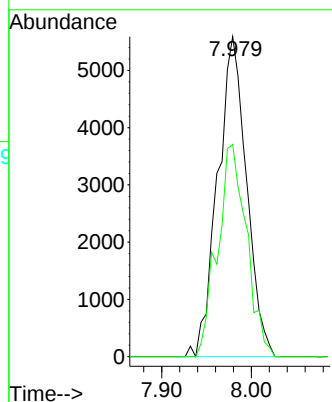
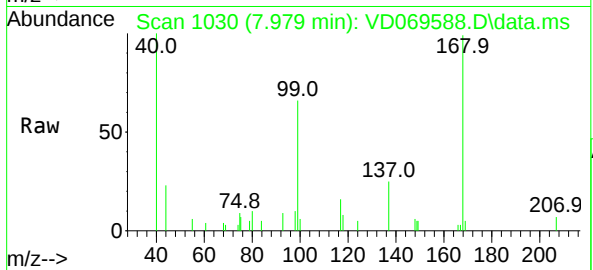




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069588.D
Acq: 06 Jul 2021 18:09

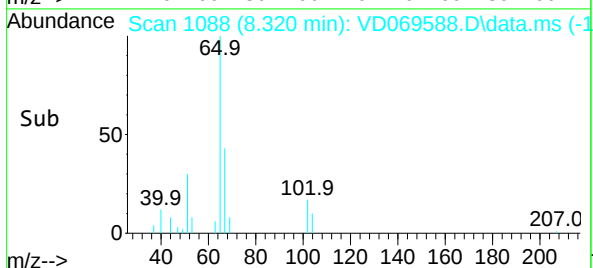
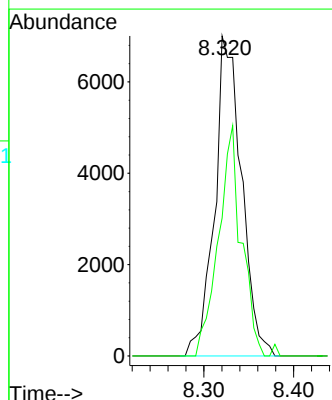
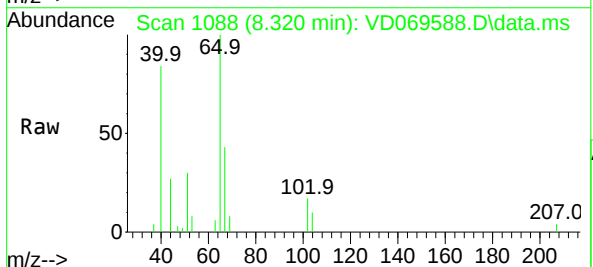
Instrument :
MSVOA_D
ClientSampleId :
TR-05-070221

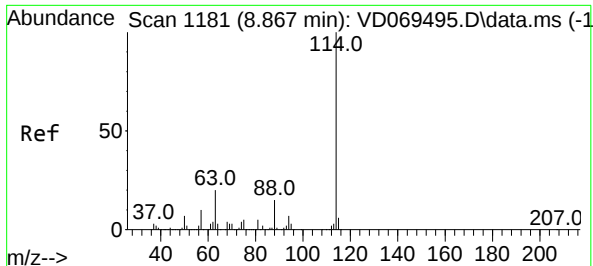
Tgt Ion:168 Resp: 12470
Ion Ratio Lower Upper
168 100
99 66.4 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 93.813 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.012 min
Lab File: VD069588.D
Acq: 06 Jul 2021 18:09

Tgt Ion: 65 Resp: 14582
Ion Ratio Lower Upper
65 100
67 61.3 0.0 105.6



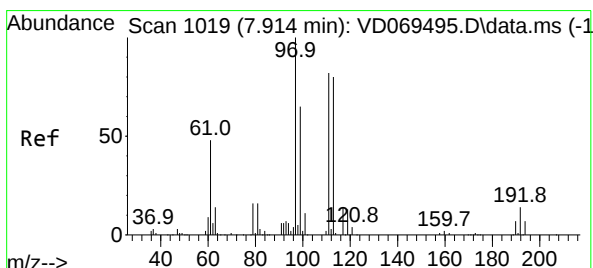
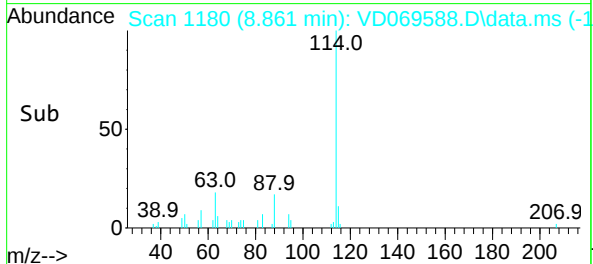
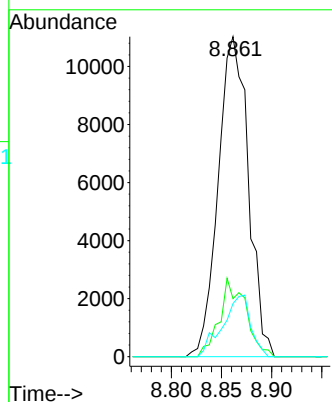
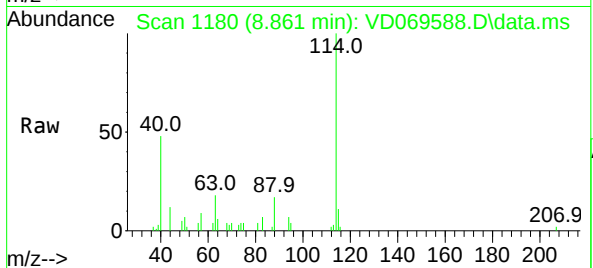


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069588.D
Acq: 06 Jul 2021 18:09

Instrument :
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TR-05-070221

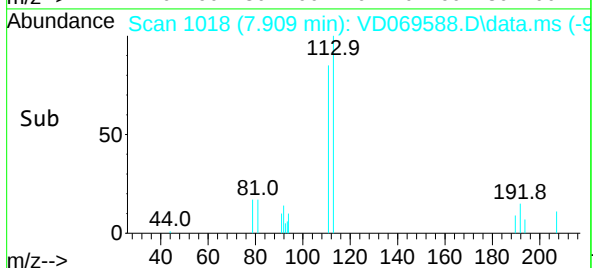
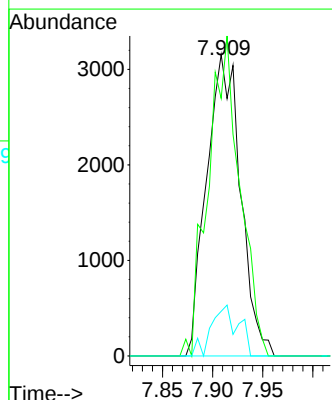
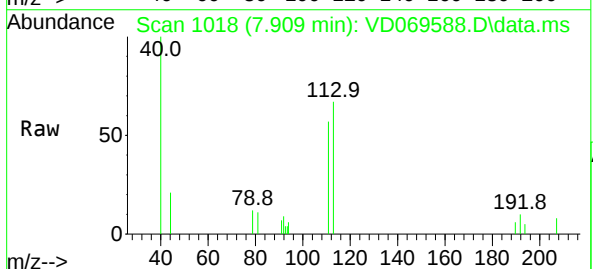
Tgt Ion:114	Resp:	23031
Ion Ratio	Lower	Upper
114	100	
63	18.1	0.0 39.6
88	16.6	0.0 29.8

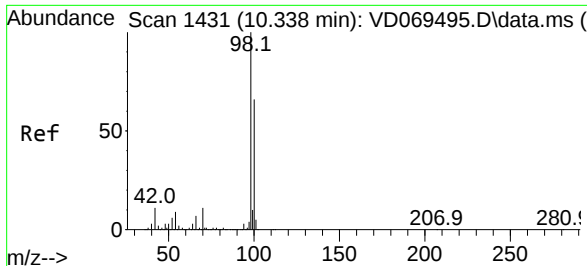


#35

Dibromofluoromethane
Concen: 47.814 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069588.D
Acq: 06 Jul 2021 18:09

Tgt Ion:113	Resp:	7444
Ion Ratio	Lower	Upper
113	100	
111	99.2	81.8 122.8
192	13.4	13.8 20.6#

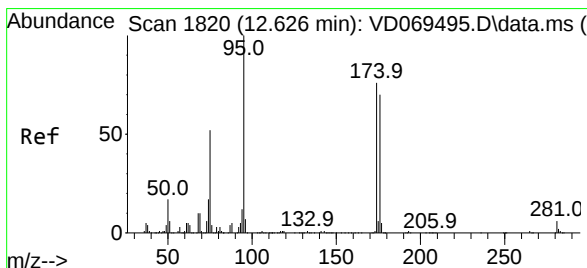
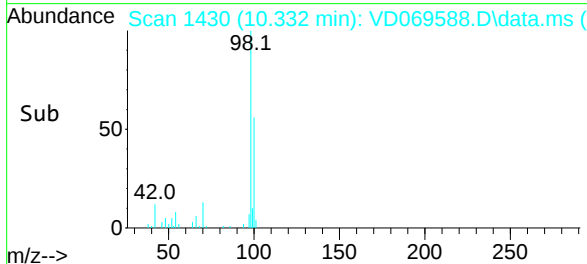
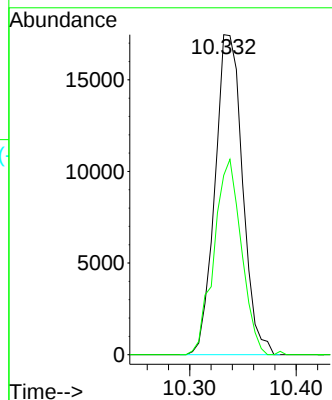
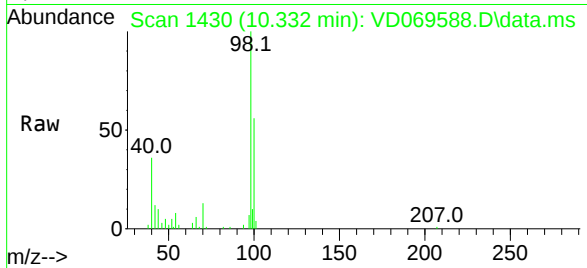




#50
Toluene-d8
Concen: 53.692 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD069588.D
Acq: 06 Jul 2021 18:09

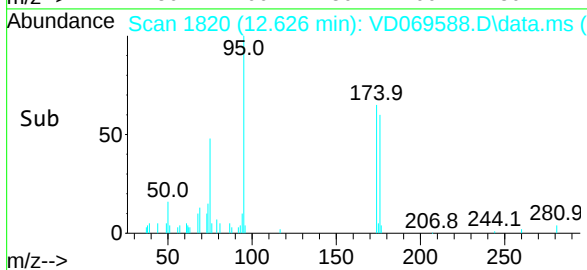
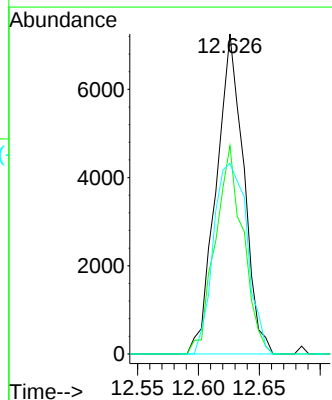
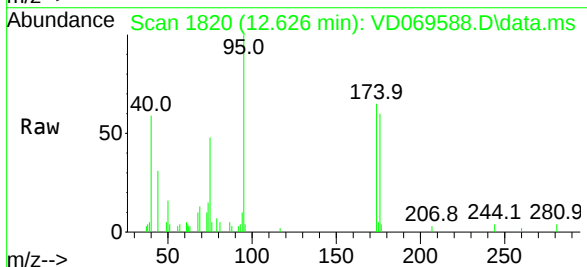
Instrument :
MSVOA_D
ClientSampleId :
TR-05-070221

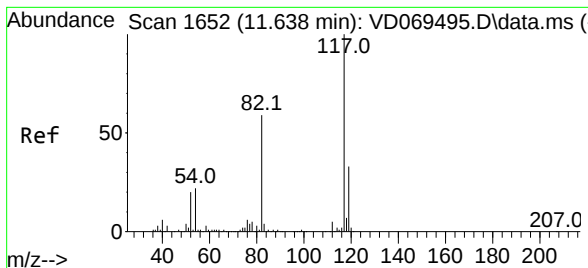
Tgt Ion: 98 Resp: 31354
Ion Ratio Lower Upper
98 100
100 60.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 59.396 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069588.D
Acq: 06 Jul 2021 18:09

Tgt Ion: 95 Resp: 11403
Ion Ratio Lower Upper
95 100
174 65.9 0.0 148.0
176 72.8 0.0 139.8

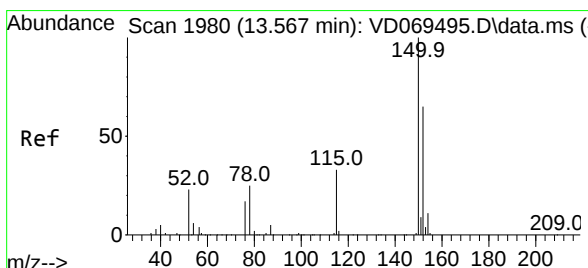
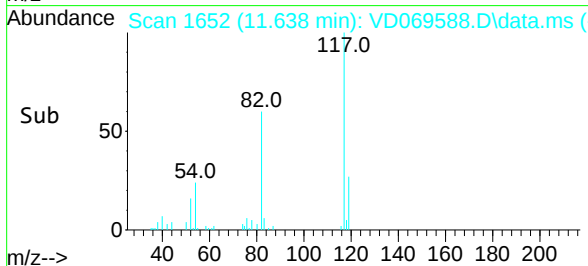
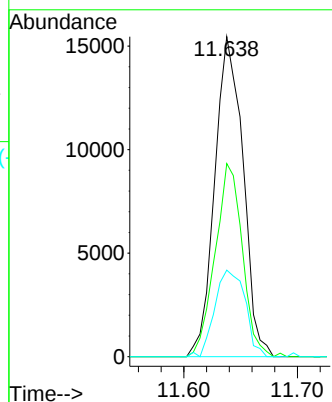
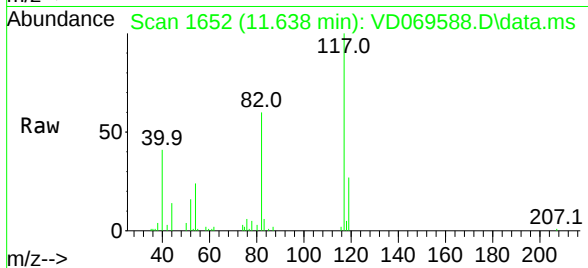




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069588.D
Acq: 06 Jul 2021 18:09

Instrument :
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ClientSampleId :
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Tgt Ion:	117	Resp:	26708
Ion Ratio	Lower	Upper	
117	100		
82	60.3	46.8	70.2
119	27.1	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD069588.D
Acq: 06 Jul 2021 18:09

Tgt Ion:	152	Resp:	11275
Ion Ratio	Lower	Upper	
152	100		
115	57.8	31.7	95.1
150	165.7	0.0	350.8

