

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
 Data File : VD069326.D
 Acq On : 03 Jun 2021 15:46
 Operator : VA/SY
 Sample : M2584-01
 Misc : 6.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-060221

Quant Time: Jun 04 09:35:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

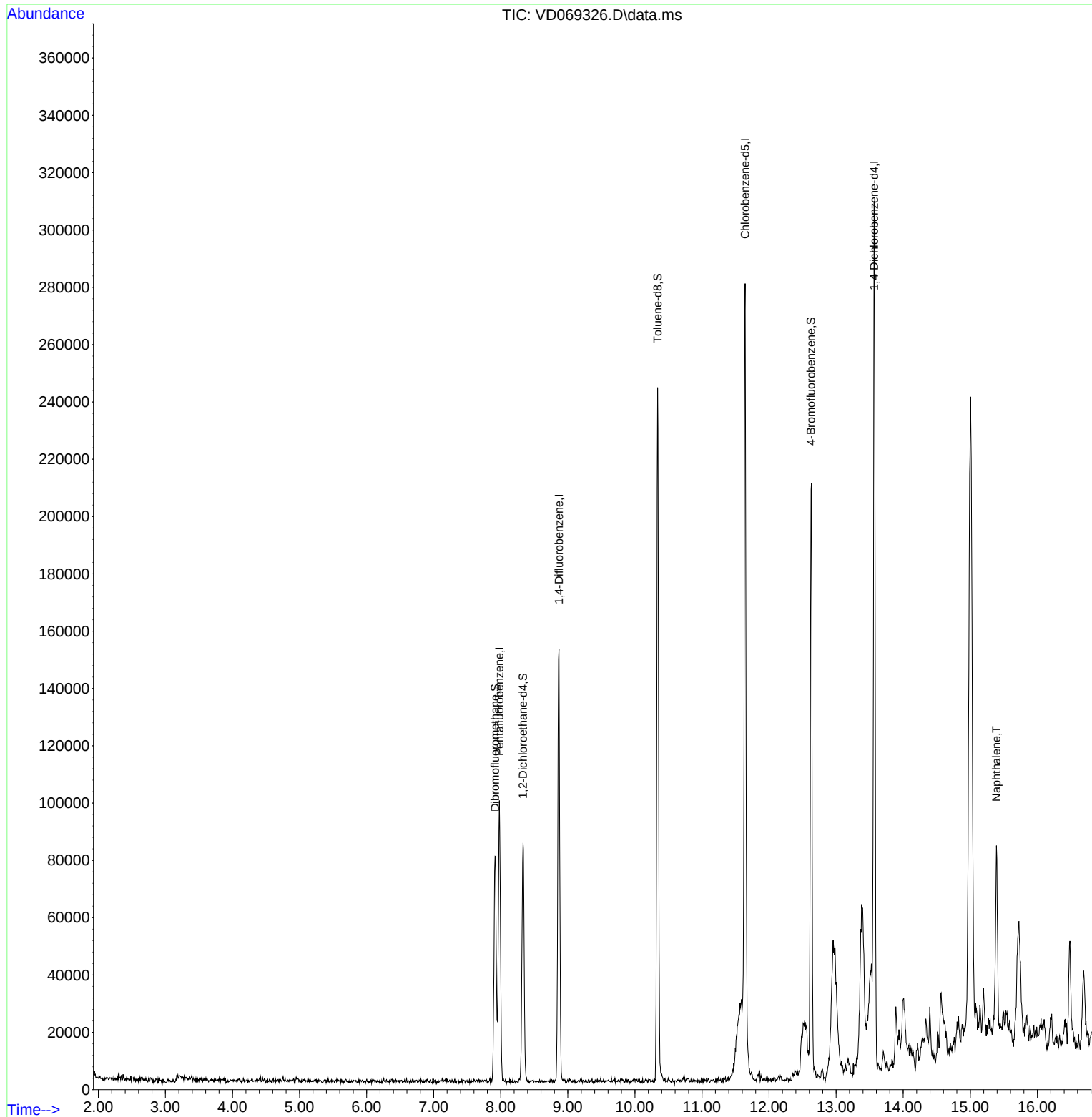
Internal Standards						
1) Pentafluorobenzene	7.979	168	69521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	132755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	159558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	84179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	69475	104.150	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 208.300%#	
35) Dibromofluoromethane	7.914	113	57495	68.966	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 137.940%	
50) Toluene-d8	10.338	98	174200	57.463	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.920%	
62) 4-Bromofluorobenzene	12.626	95	65136	65.572	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 131.140%	
Target Compounds						Qvalue
95) Naphthalene	15.390	128	56545	21.686	ug/l	97

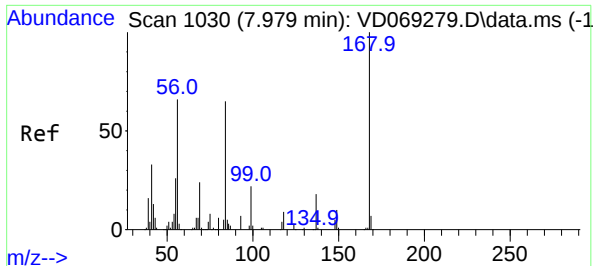
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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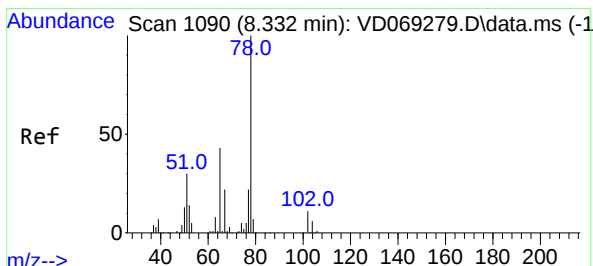
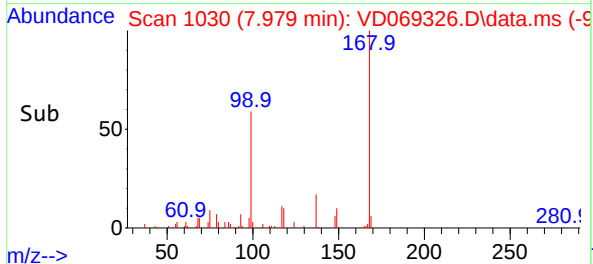
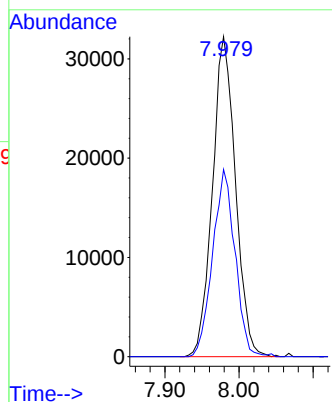
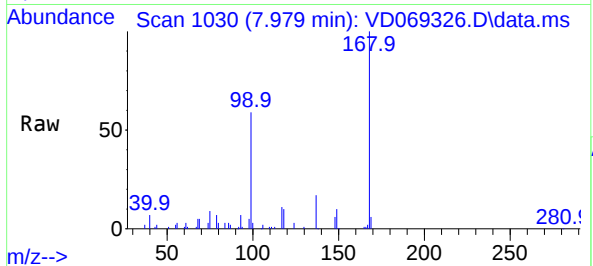




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069326.D
Acq: 03 Jun 2021 15:46

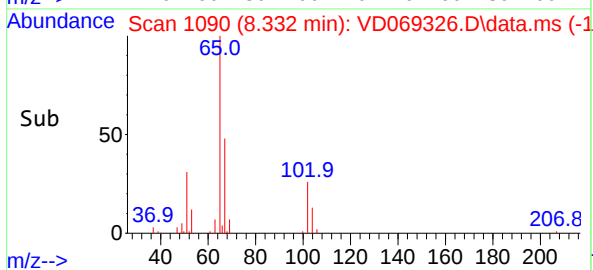
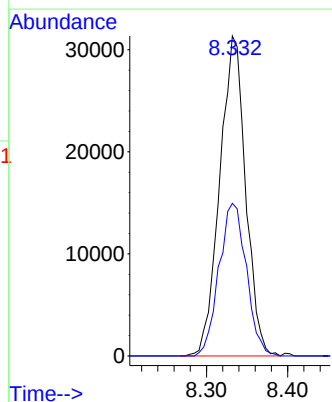
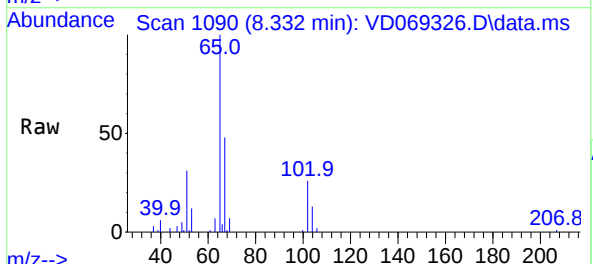
Instrument :
MSVOA_D
ClientSampleId :
EO-02-060221

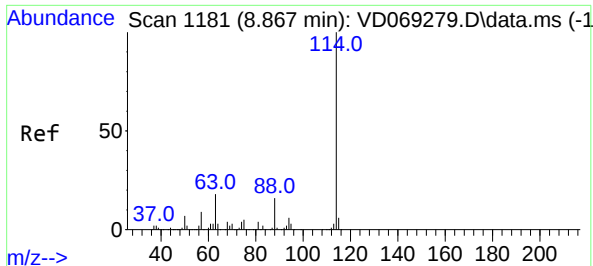
Tgt Ion:168 Resp: 69521
Ion Ratio Lower Upper
168 100
99 58.5 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 104.150 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069326.D
Acq: 03 Jun 2021 15:46

Tgt Ion: 65 Resp: 69475
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.8

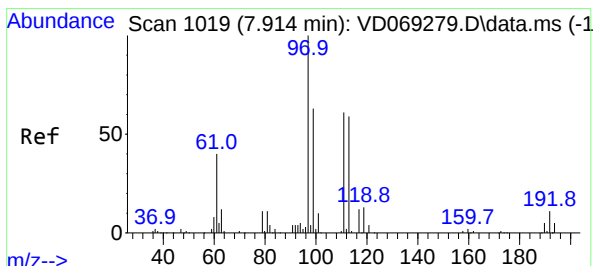
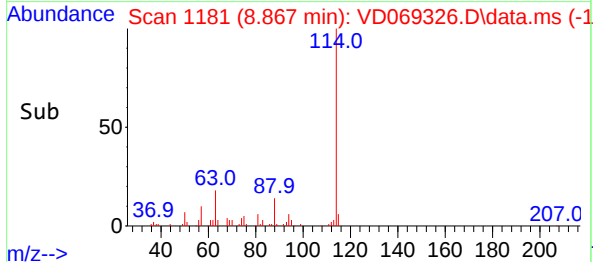
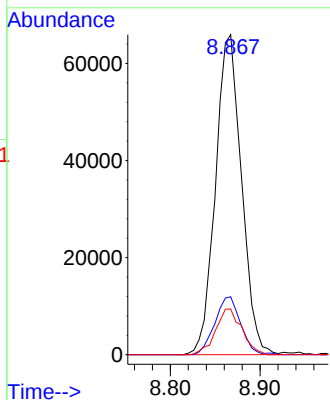
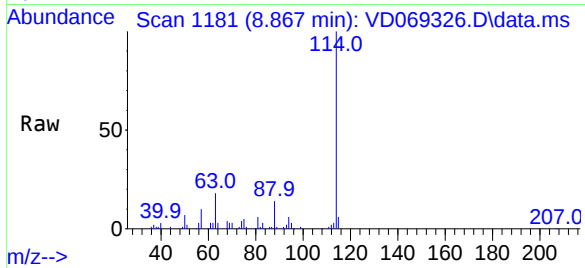




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069326.D
Acq: 03 Jun 2021 15:46

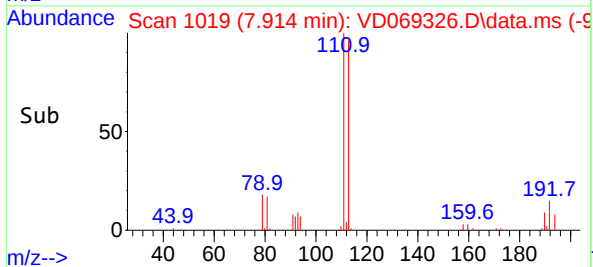
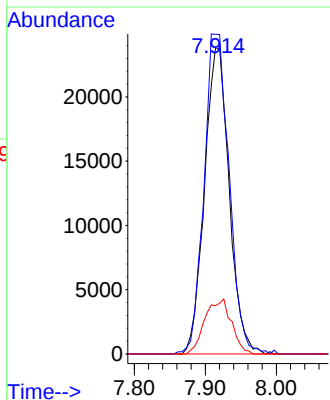
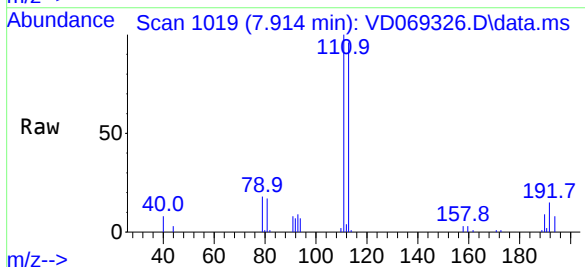
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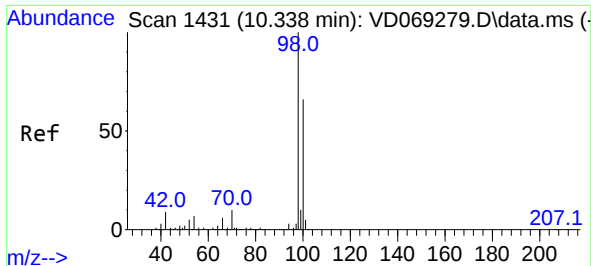
Tgt Ion:	114	Resp:	132755
Ion Ratio	Lower	Upper	
114	100		
63	18.1	0.0	35.6
88	14.3	0.0	31.2



#35
Dibromofluoromethane
Concen: 68.966 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069326.D
Acq: 03 Jun 2021 15:46

Tgt Ion:	113	Resp:	57495
Ion Ratio	Lower	Upper	
113	100		
111	106.4	83.0	124.6
192	19.3	15.1	22.7

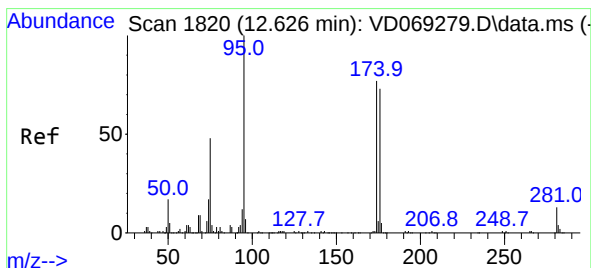
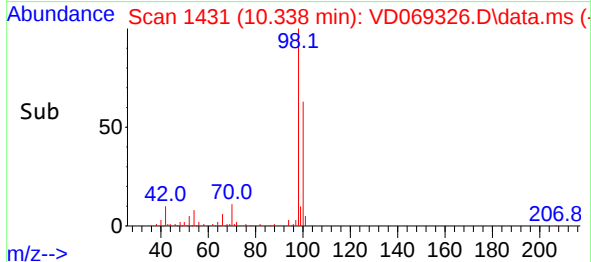
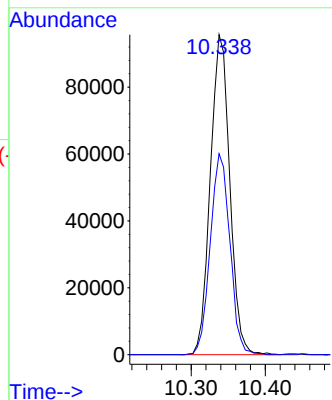
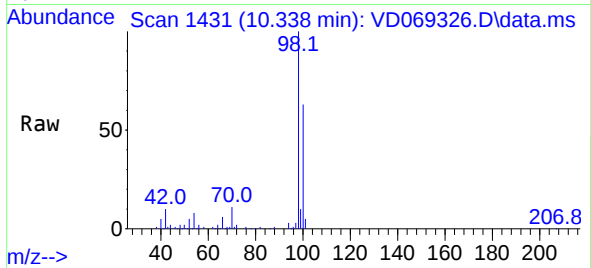




#50
Toluene-d8
Concen: 57.463 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069326.D
Acq: 03 Jun 2021 15:46

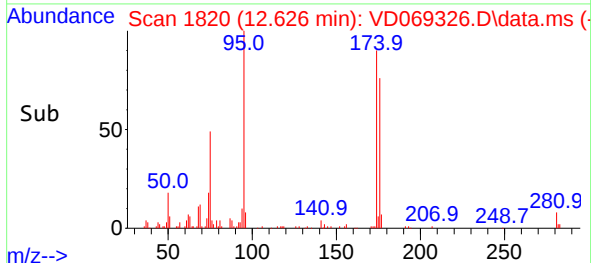
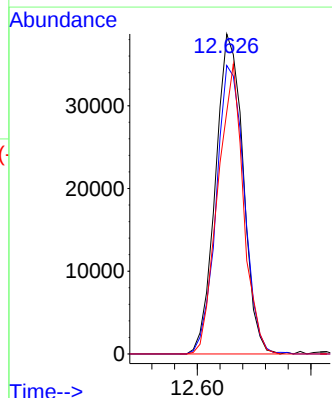
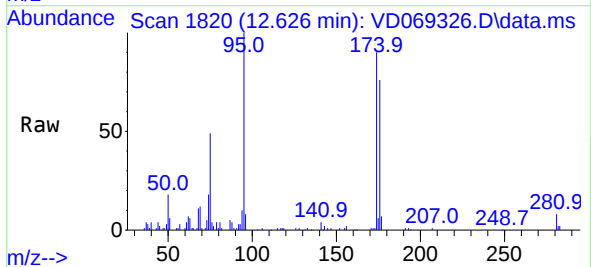
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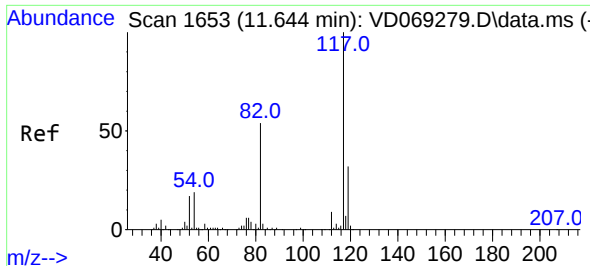
Tgt Ion: 98 Resp: 174200
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 65.572 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069326.D
Acq: 03 Jun 2021 15:46

Tgt Ion: 95 Resp: 65136
Ion Ratio Lower Upper
95 100
174 91.2 0.0 162.8
176 84.1 0.0 154.4

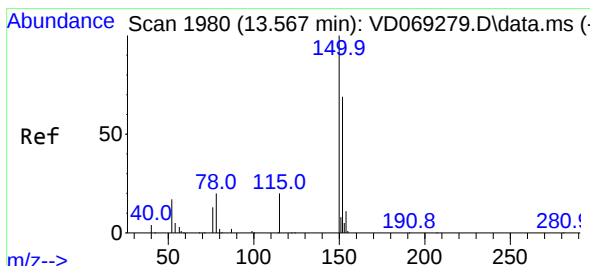
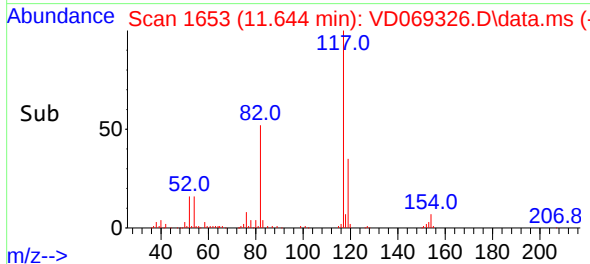
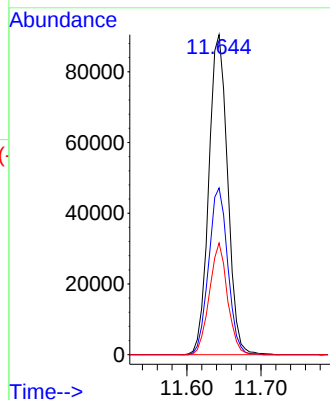
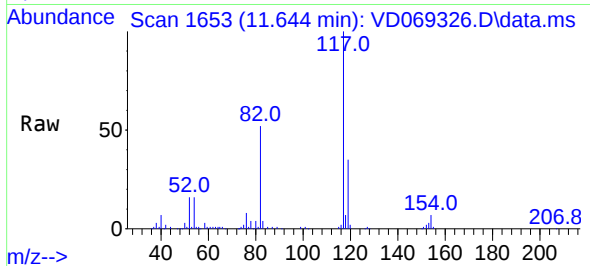




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069326.D
Acq: 03 Jun 2021 15:46

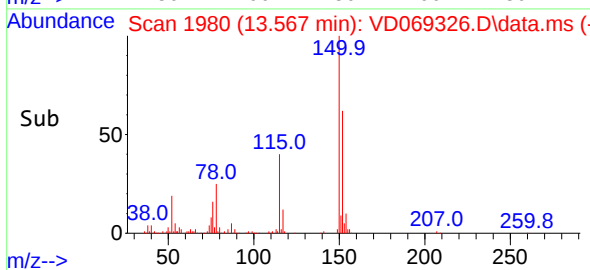
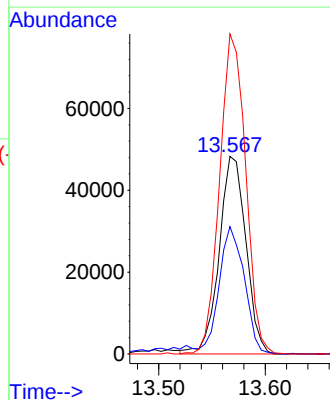
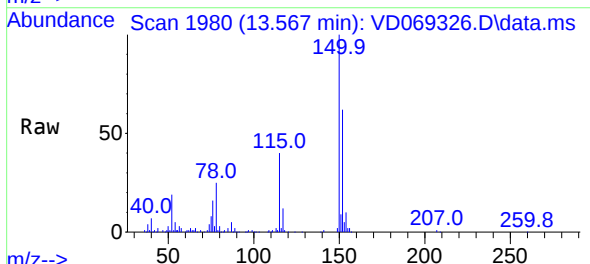
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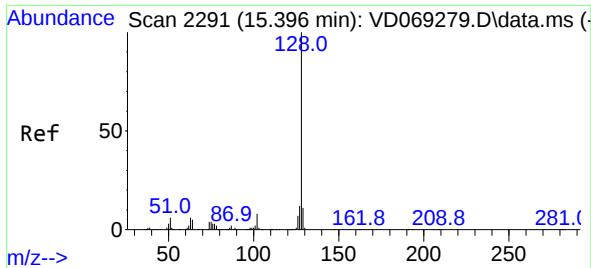
Tgt Ion:	117	Resp:	159558
Ion	Ratio	Lower	Upper
117	100		
82	52.1	43.3	64.9
119	34.9	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069326.D
Acq: 03 Jun 2021 15:46

Tgt Ion:	152	Resp:	84179
Ion	Ratio	Lower	Upper
152	100		
115	60.5	29.4	88.3
150	157.8	0.0	355.0





#95
Naphthalene
Concen: 21.686 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069326.D
Acq: 03 Jun 2021 15:46

Instrument :
MSVOA_D
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Tgt Ion:128 Resp: 56545
Ion Ratio Lower Upper
128 100
127 13.9 10.4 15.6
129 12.2 8.8 13.2

