

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
 Data File : VD069153.D
 Acq On : 13 May 2021 13:19
 Operator : VA/SY
 Sample : M2373-01
 Misc : 6.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-051221

Quant Time: May 14 01:20:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

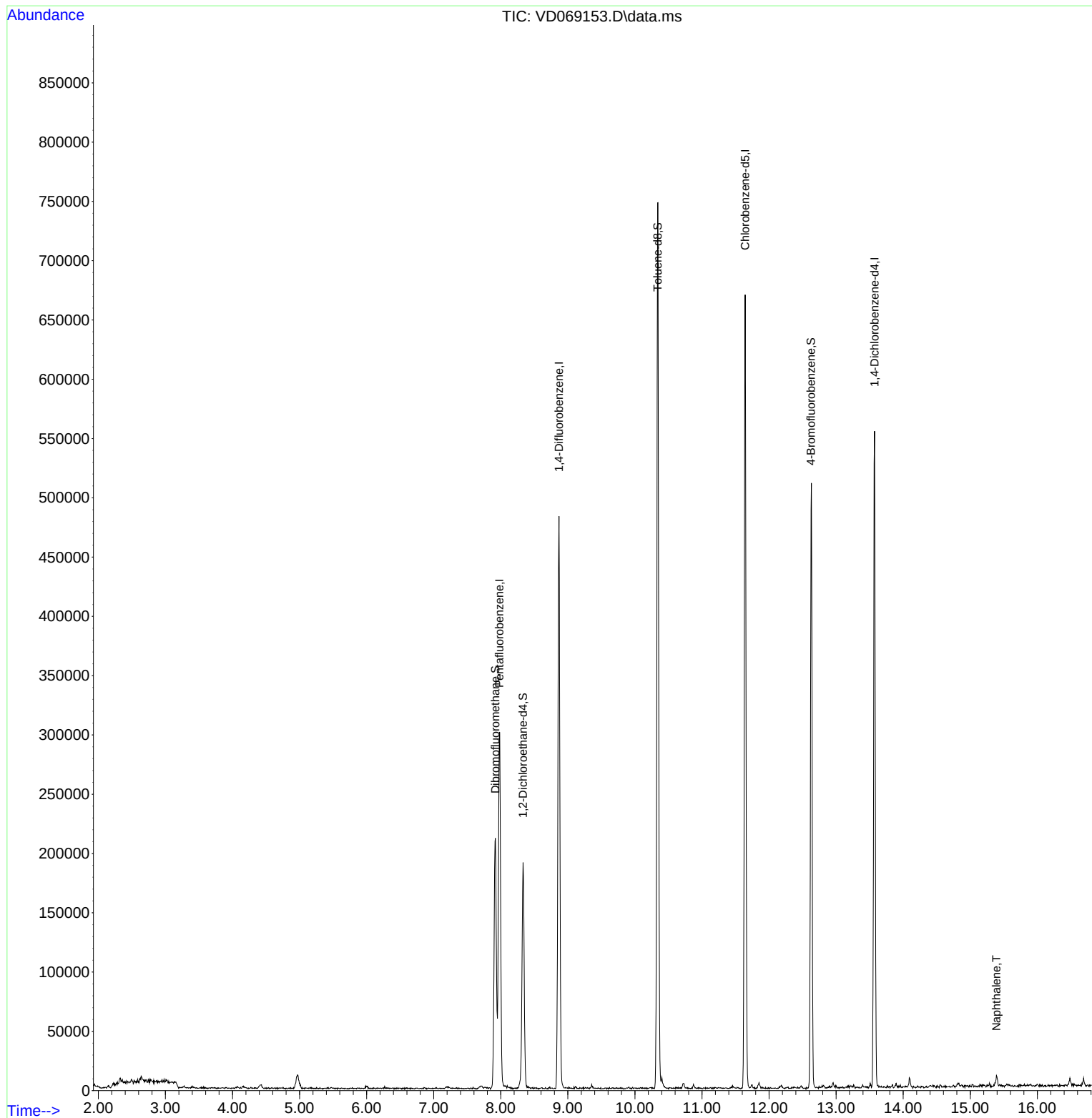
Internal Standards						
1) Pentafluorobenzene	7.979	168	219791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	421782	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	392421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	148779	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	150432	68.27	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.54%
35) Dibromofluoromethane	7.920	113	153088	55.77	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.54%
50) Toluene-d8	10.338	98	522920	51.85	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.70%
62) 4-Bromofluorobenzene	12.626	95	147271	45.38	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.76%
Target Compounds						
95) Naphthalene	15.390	128	7574	3.54	ug/l	Qvalue # 93

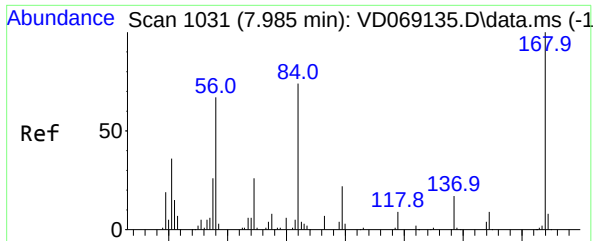
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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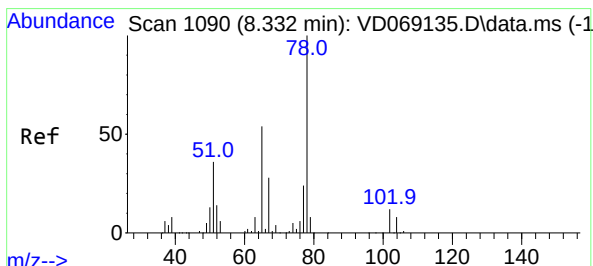
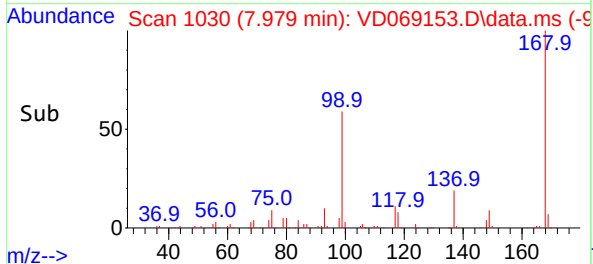
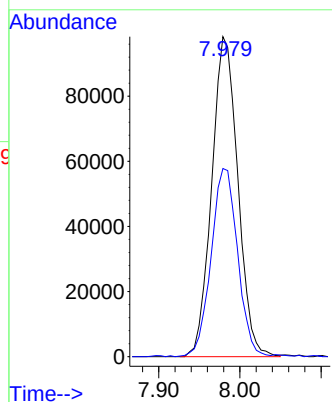
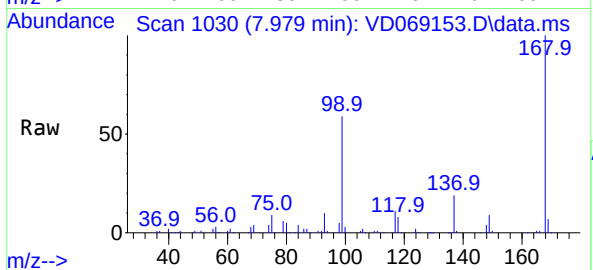




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069153.D
Acq: 13 May 2021 13:19

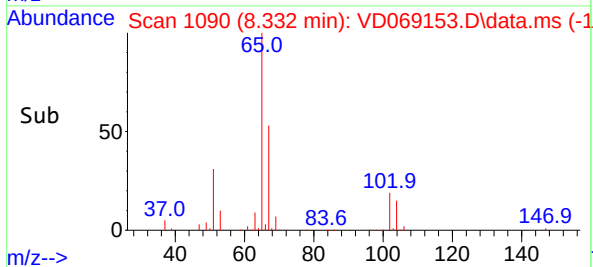
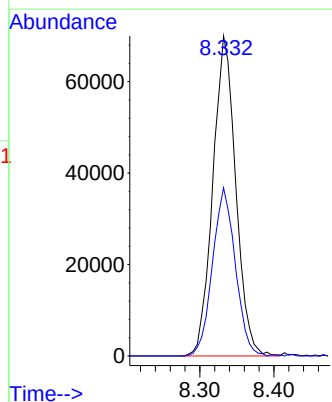
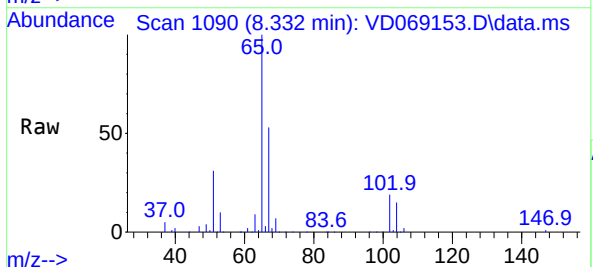
Instrument :
MSVOA_D
ClientSampleId :
OR-02-051221

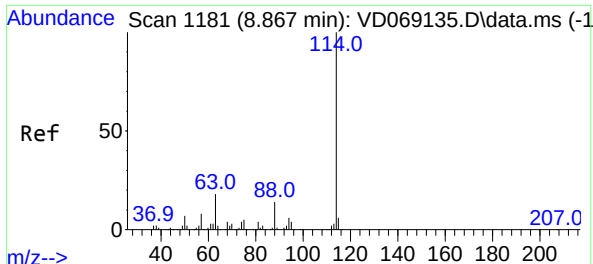
Tgt Ion:168 Resp: 219791
Ion Ratio Lower Upper
168 100
99 58.6 47.2 70.8



#33
1,2-Dichloroethane-d4
Concen: 68.27 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069153.D
Acq: 13 May 2021 13:19

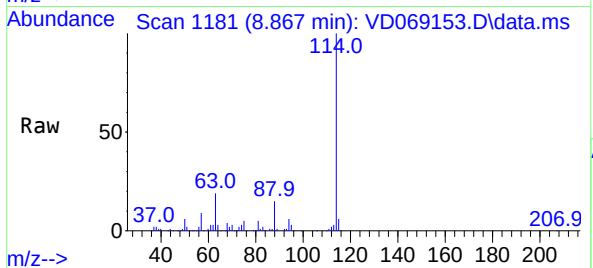
Tgt Ion: 65 Resp: 150432
Ion Ratio Lower Upper
65 100
67 52.3 0.0 108.0



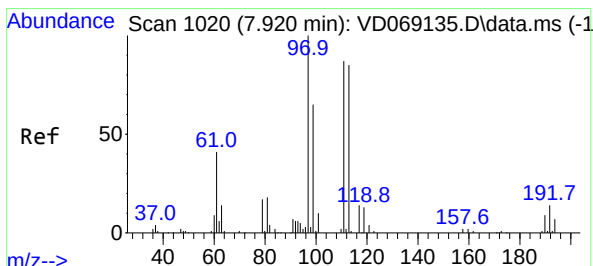
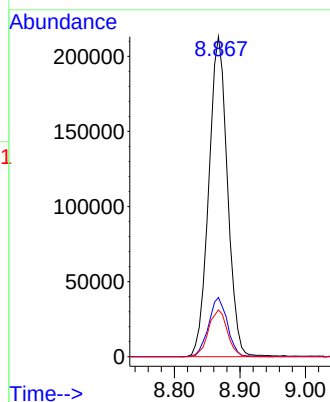
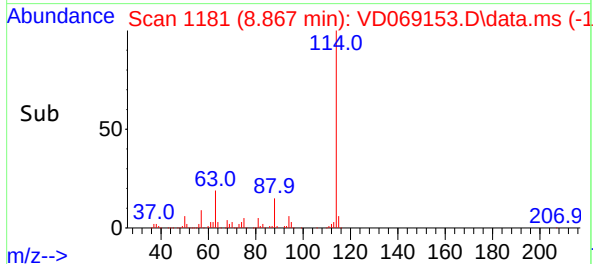


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069153.D
Acq: 13 May 2021 13:19

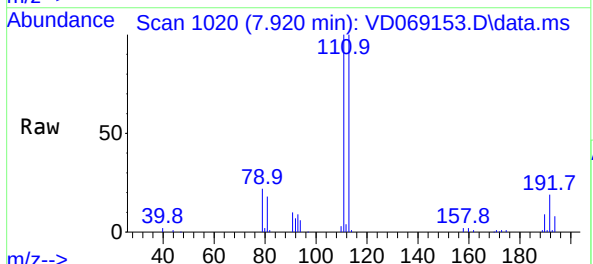
Instrument :
MSVOA_D
ClientSampleId :
OR-02-051221



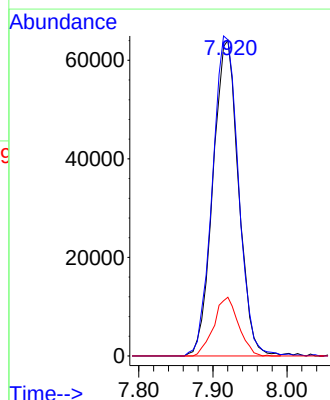
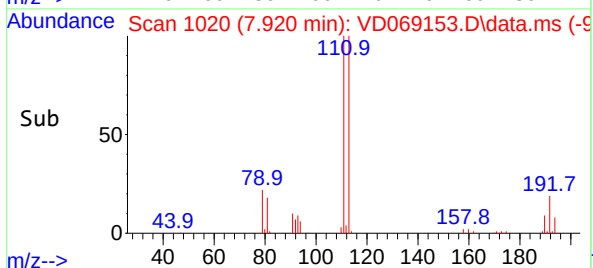
Tgt Ion:114 Resp: 421782
Ion Ratio Lower Upper
114 100
63 18.5 0.0 36.4
88 14.6 0.0 28.2

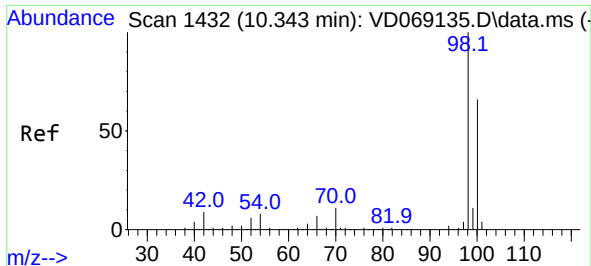


#35
Dibromofluoromethane
Concen: 55.77 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD069153.D
Acq: 13 May 2021 13:19



Tgt Ion:113 Resp: 153088
Ion Ratio Lower Upper
113 100
111 103.7 80.6 120.8
192 18.0 14.8 22.2

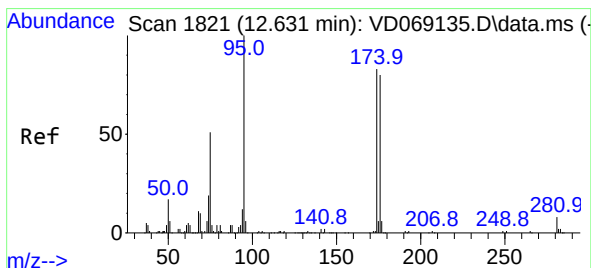
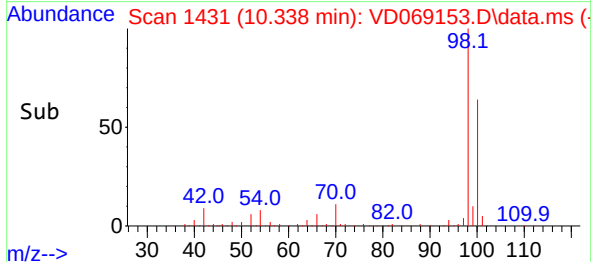
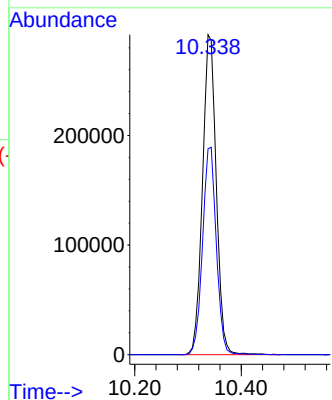
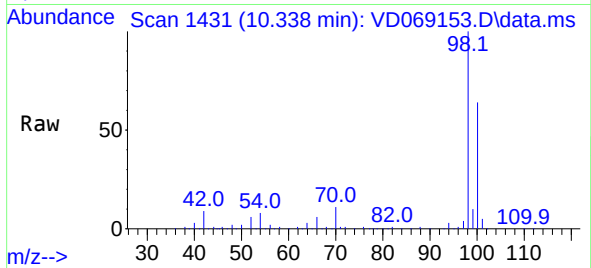




#50
Toluene-d8
Concen: 51.85 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069153.D
Acq: 13 May 2021 13:19

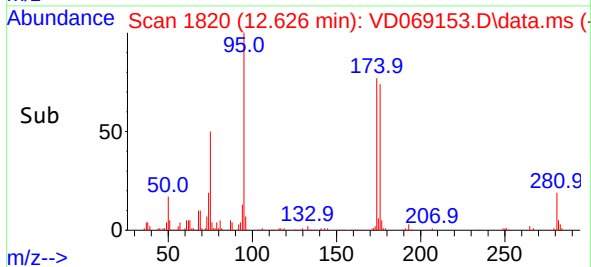
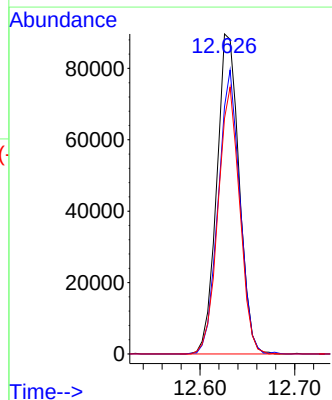
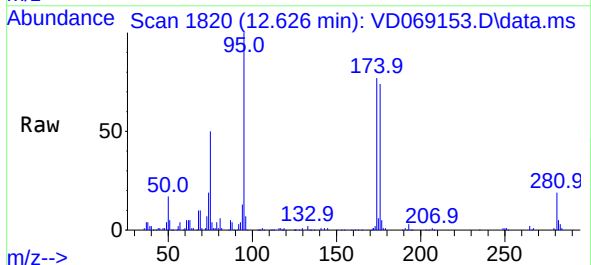
Instrument :
MSVOA_D
ClientSampleId :
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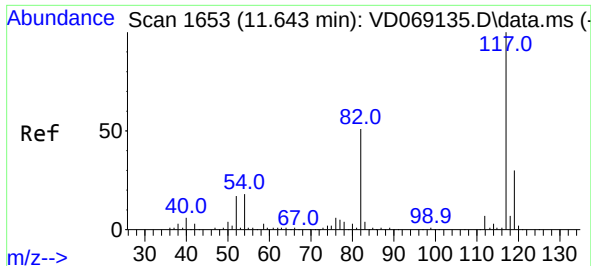
Tgt Ion: 98 Resp: 522920
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 45.38 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069153.D
Acq: 13 May 2021 13:19

Tgt Ion: 95 Resp: 147271
Ion Ratio Lower Upper
95 100
174 85.5 0.0 171.8
176 80.5 0.0 165.4

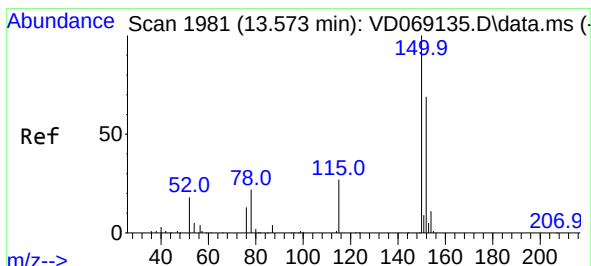
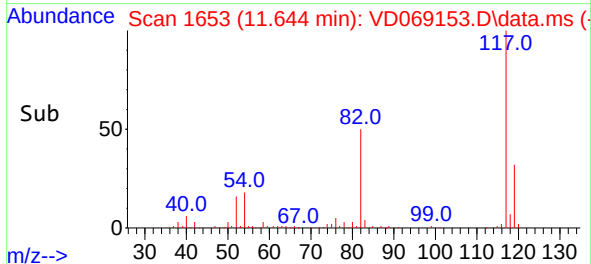
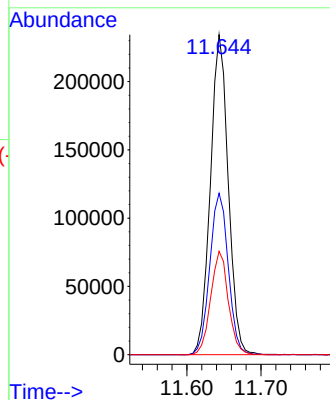
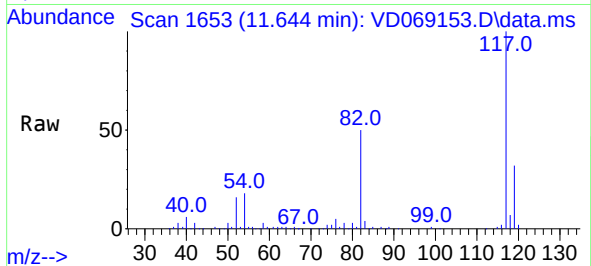




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069153.D
Acq: 13 May 2021 13:19

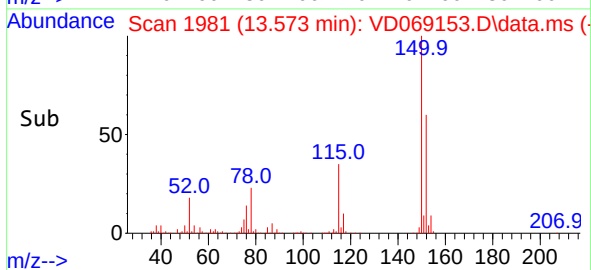
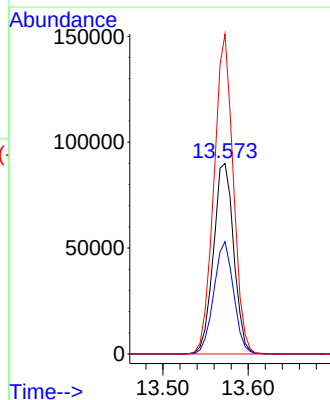
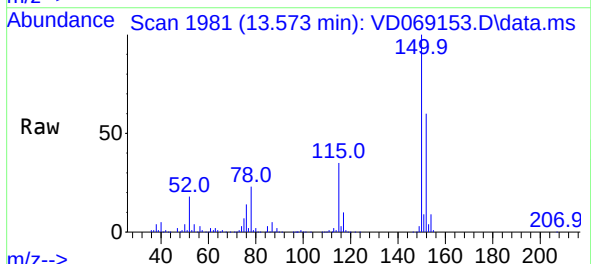
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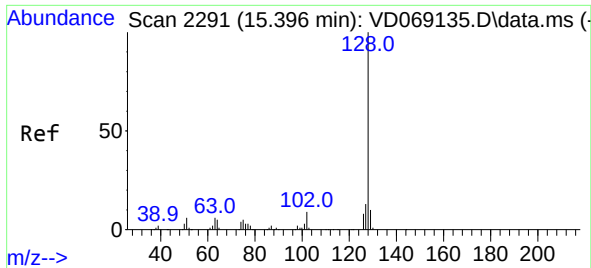
Tgt Ion:117 Resp: 392421
Ion Ratio Lower Upper
117 100
82 50.5 40.5 60.7
119 32.3 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069153.D
Acq: 13 May 2021 13:19

Tgt Ion:152 Resp: 148779
Ion Ratio Lower Upper
152 100
115 57.6 29.9 89.8
150 159.9 0.0 350.2





#95
Naphthalene
Concen: 3.54 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069153.D
Acq: 13 May 2021 13:19

Instrument :
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ClientSampleId :
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Tgt Ion:	128	Resp:	7574
Ion	Ratio	Lower	Upper
128	100		
127	17.2	10.5	15.7#
129	12.3	8.9	13.3

