

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030821\
 Data File : VD068566.D
 Acq On : 08 Mar 2021 18:02
 Operator : VA/SY
 Sample : M1602-01
 Misc : 7.37G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-030821

Quant Time: Mar 09 00:12:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

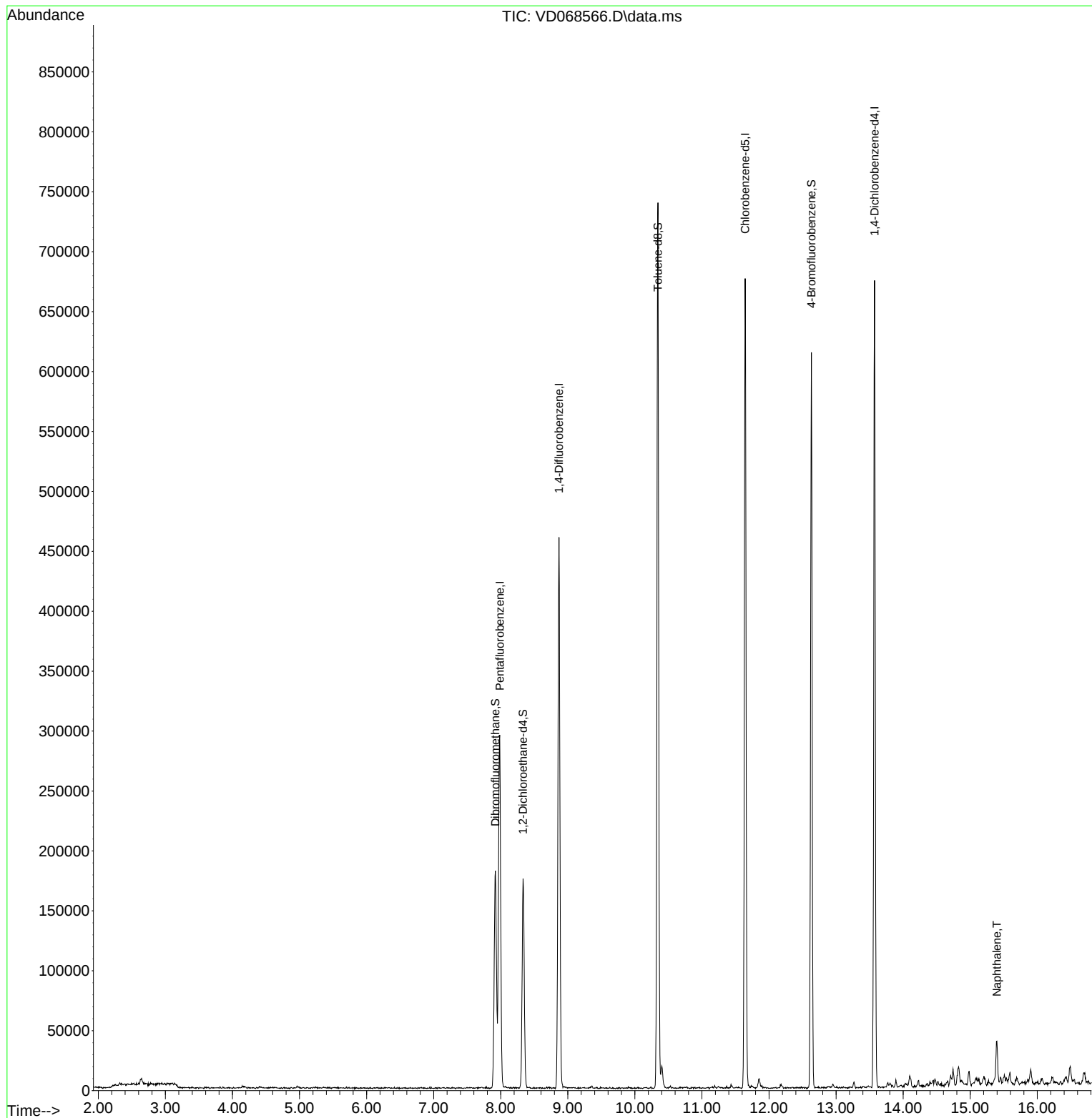
Internal Standards						
1) Pentafluorobenzene	7.985	168	233278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	412032	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	409215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	178110	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	137664	59.06	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.12%
35) Dibromofluoromethane	7.920	113	132378	53.33	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.66%
50) Toluene-d8	10.344	98	519858	52.58	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.16%
62) 4-Bromofluorobenzene	12.632	95	170277	53.44	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.88%
Target Compounds						
95) Naphthalene	15.396	128	33045	4.73	ug/l	Qvalue 98

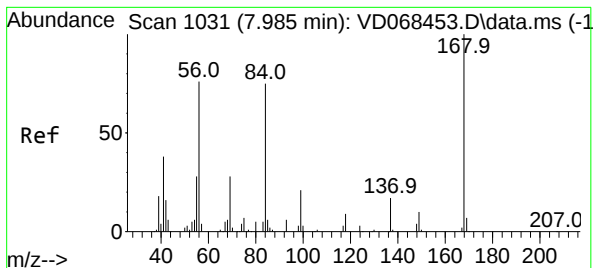
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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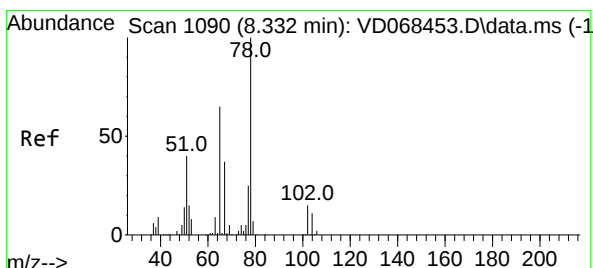
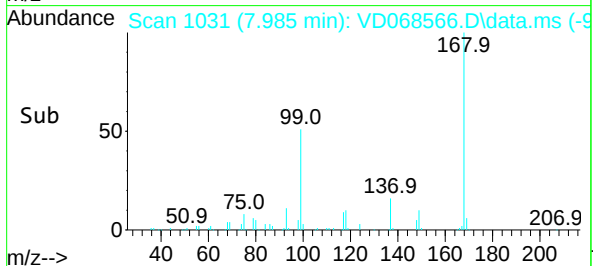
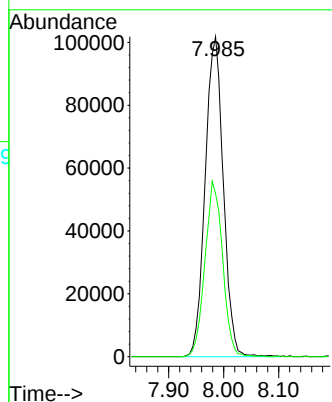
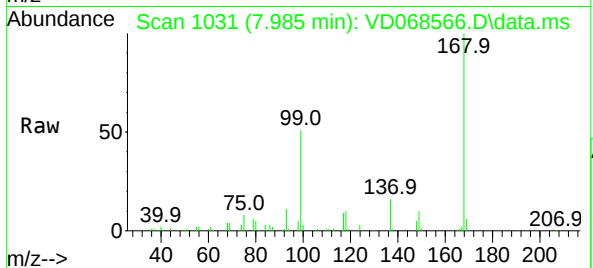




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068566.D
Acq: 08 Mar 2021 18:02

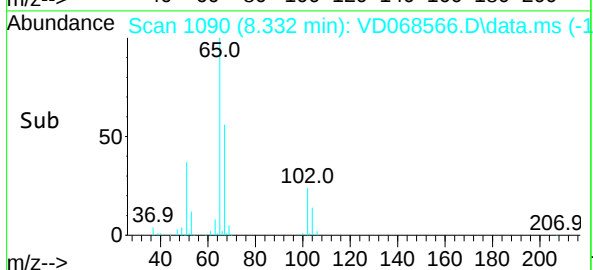
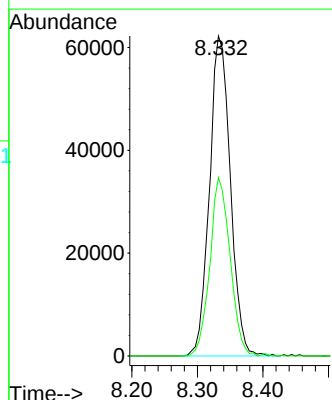
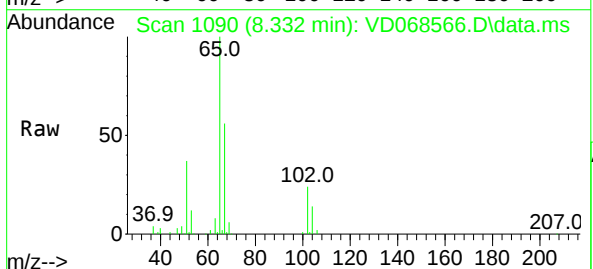
Instrument :
MSVOA_D
ClientSampleId :
SU-02-030821

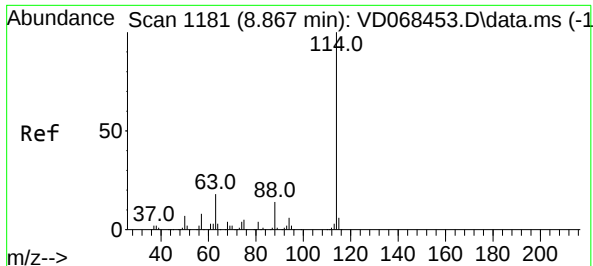
Tgt Ion:168 Resp: 233278
Ion Ratio Lower Upper
168 100
99 51.0 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 59.06 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.001 min
Lab File: VD068566.D
Acq: 08 Mar 2021 18:02

Tgt Ion: 65 Resp: 137664
Ion Ratio Lower Upper
65 100
67 54.1 0.0 105.0



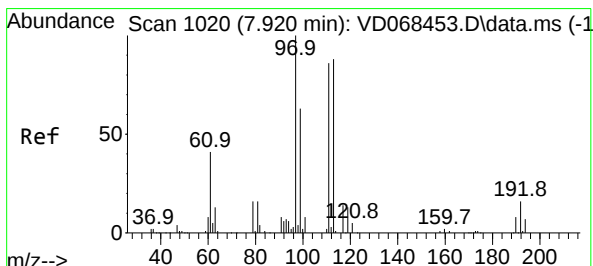
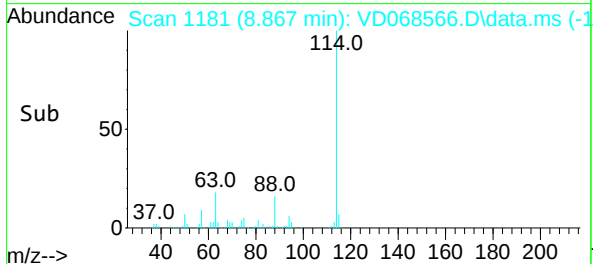
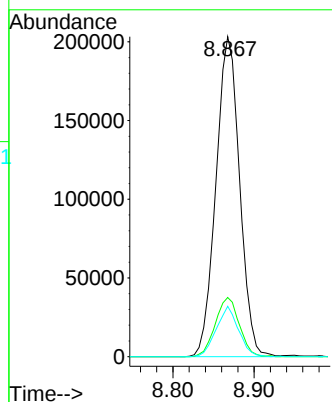
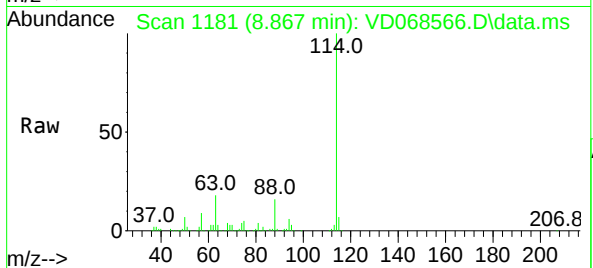


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.001 min
Lab File: VD068566.D
Acq: 08 Mar 2021 18:02

Instrument :
MSVOA_D
ClientSampleId :
SU-02-030821

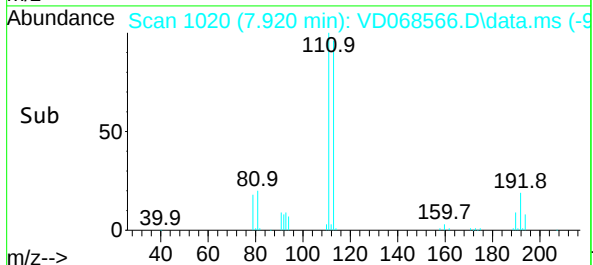
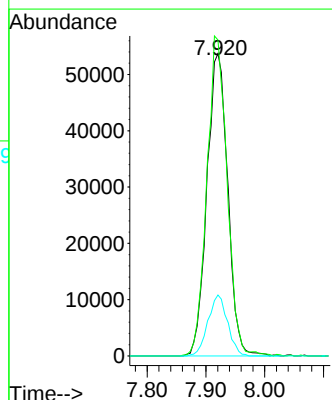
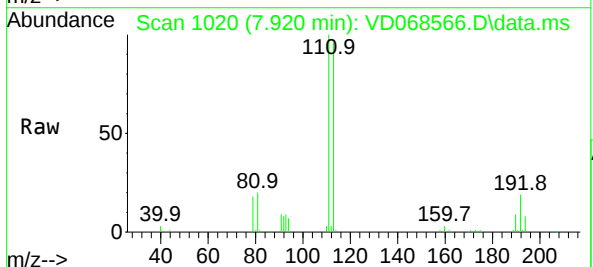
Tgt Ion:	114	Resp:	412032
Ion Ratio	Lower	Upper	
114	100		
63	18.5	0.0	34.8
88	15.8	0.0	31.6

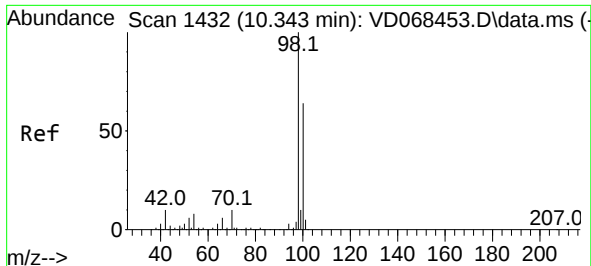


#35

Dibromofluoromethane
Concen: 53.33 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.001 min
Lab File: VD068566.D
Acq: 08 Mar 2021 18:02

Tgt Ion:	113	Resp:	132378
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.4	122.0
192	18.9	16.1	24.1

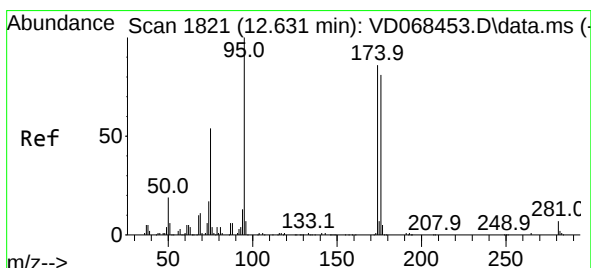
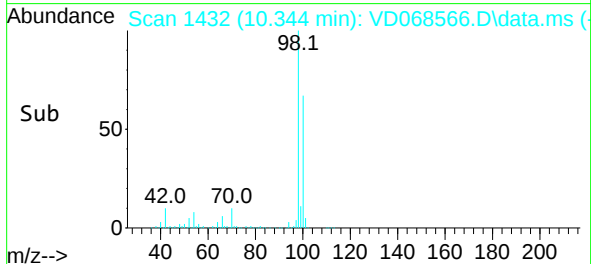
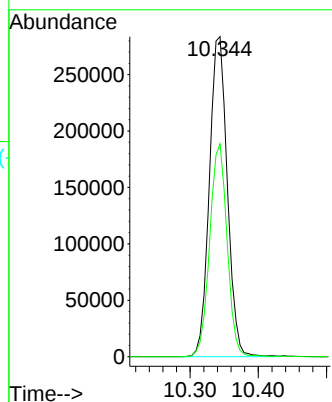
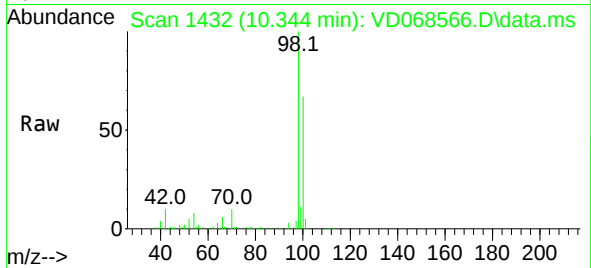




#50
Toluene-d8
Concen: 52.58 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.001 min
Lab File: VD068566.D
Acq: 08 Mar 2021 18:02

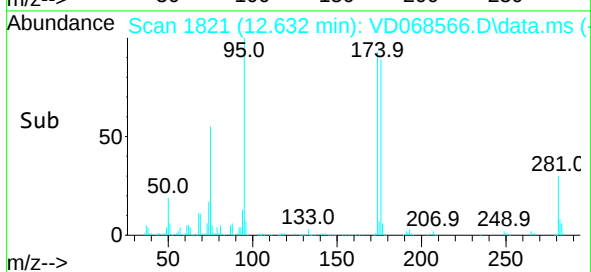
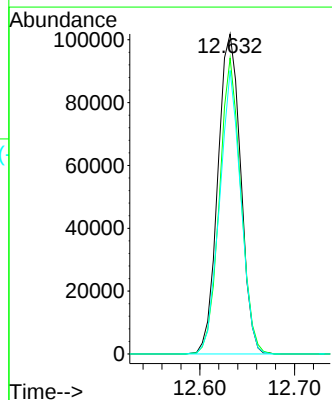
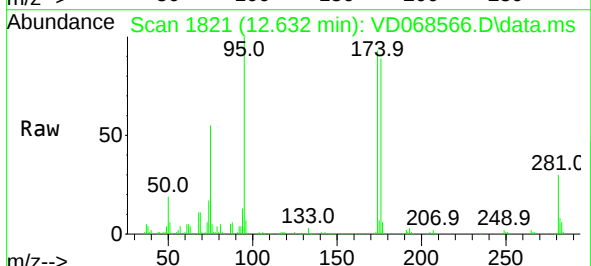
Instrument :
MSVOA_D
ClientSampleId :
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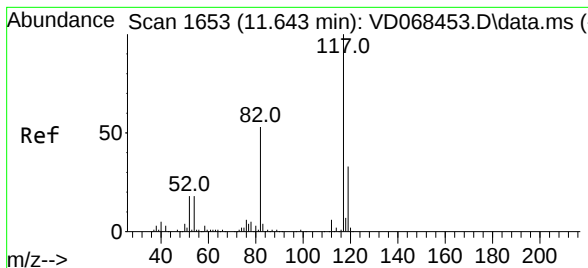
Tgt Ion: 98 Resp: 519858
Ion Ratio Lower Upper
98 100
100 64.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.44 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD068566.D
Acq: 08 Mar 2021 18:02

Tgt Ion: 95 Resp: 170277
Ion Ratio Lower Upper
95 100
174 86.5 0.0 172.4
176 82.6 0.0 168.4

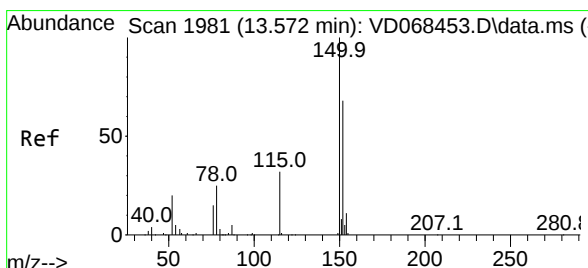
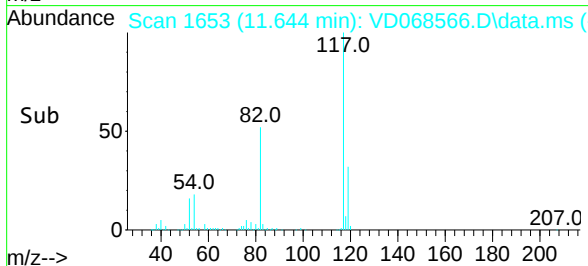
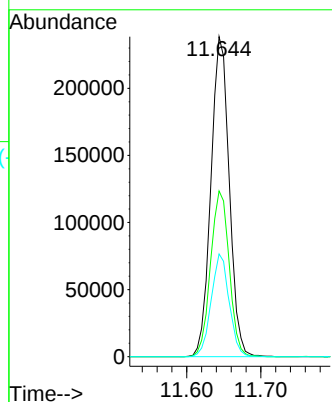
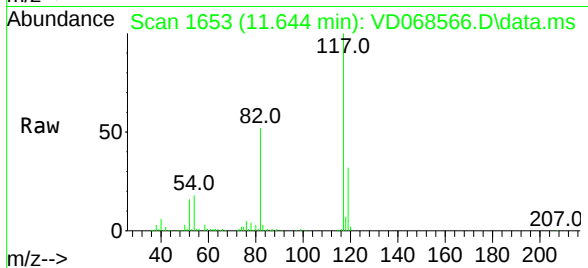




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068566.D
Acq: 08 Mar 2021 18:02

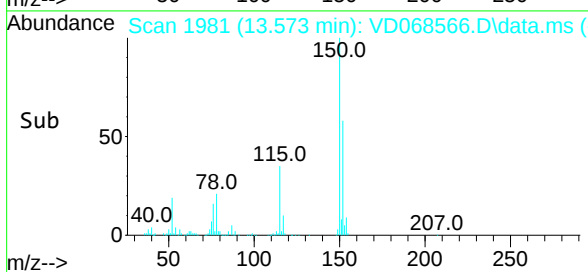
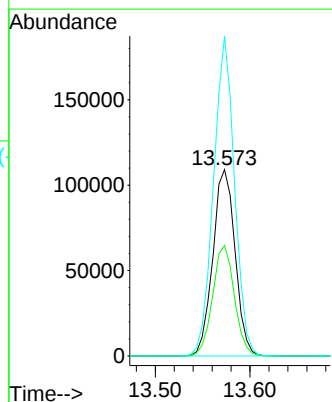
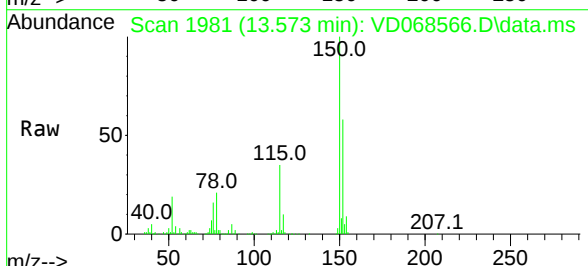
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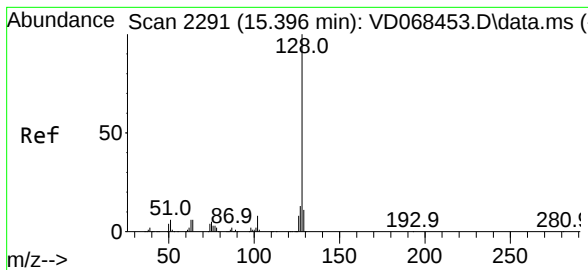
Tgt Ion:117 Resp: 409215
Ion Ratio Lower Upper
117 100
82 51.8 41.4 62.0
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068566.D
Acq: 08 Mar 2021 18:02

Tgt Ion:152 Resp: 178110
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.8
150 161.4 0.0 344.4





#95
Naphthalene
Concen: 4.73 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.001 min
Lab File: VD068566.D
Acq: 08 Mar 2021 18:02

Instrument :
MSVOA_D
ClientSampleId :
SU-02-030821

Tgt Ion:128 Resp: 33045
Ion Ratio Lower Upper
128 100
127 13.8 10.2 15.2
129 10.2 8.8 13.2

