

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041621\
 Data File : VD068880.D
 Acq On : 16 Apr 2021 17:19
 Operator : VA/SY
 Sample : M2042-06RE
 Misc : 5.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FS-SB12A(61-62)RE

Quant Time: Apr 16 23:51:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

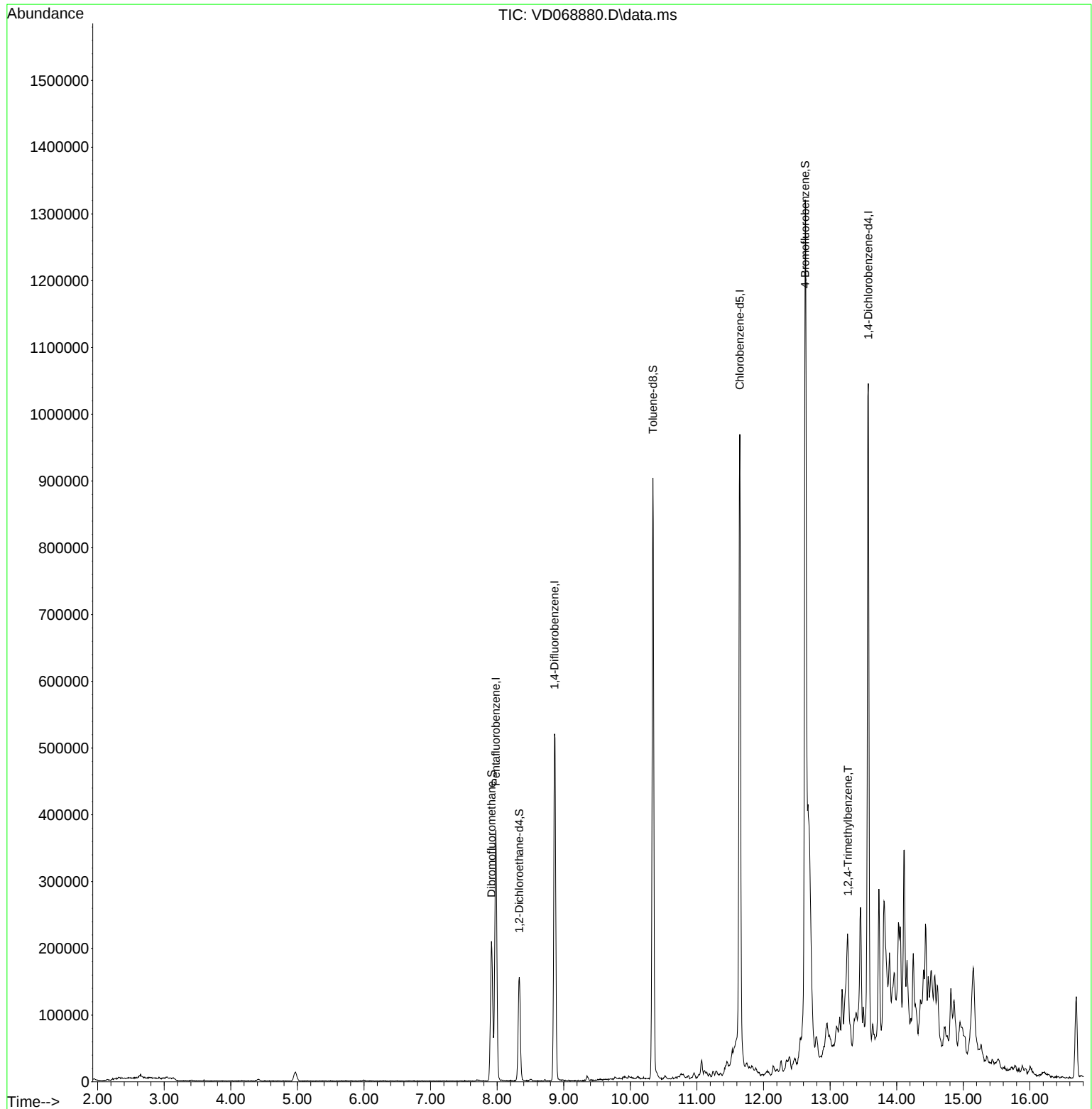
Internal Standards						
1) Pentafluorobenzene	7.979	168	282678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	489457	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	557147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	289900	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	126859	42.46	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.92%
35) Dibromofluoromethane	7.914	113	150024	47.12	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.24%
50) Toluene-d8	10.338	98	627213	52.22	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.44%
62) 4-Bromofluorobenzene	12.626	95	266076	66.71	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	133.42%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.267	105	63077	3.53	ug/l	Qvalue 100

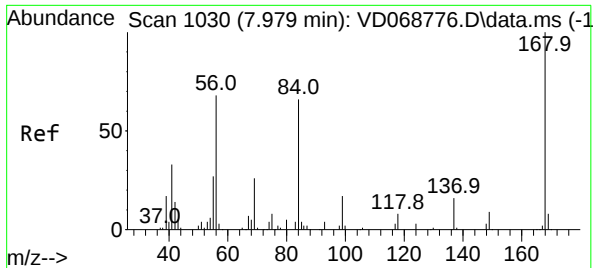
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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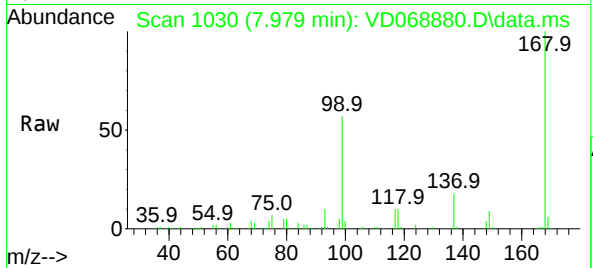
Quant Time: Apr 16 23:51:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration



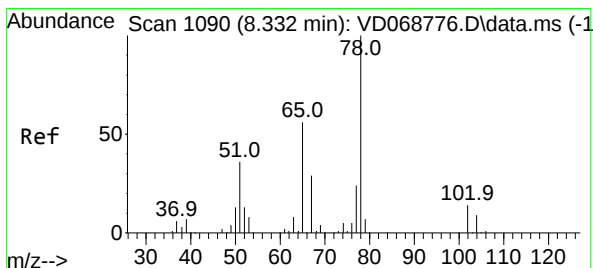
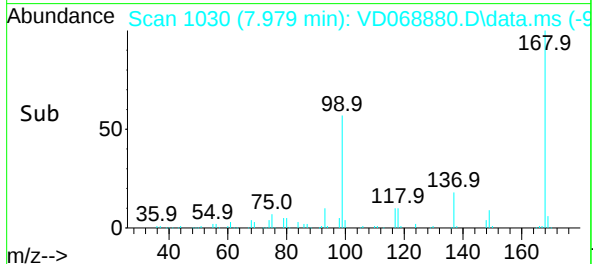
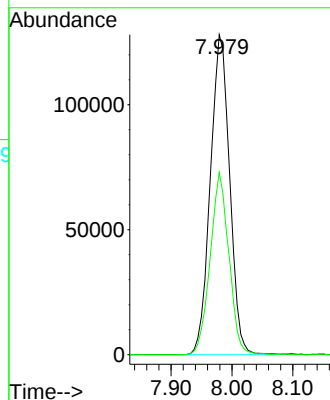


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068880.D
Acq: 16 Apr 2021 17:19

Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(61-62)RE

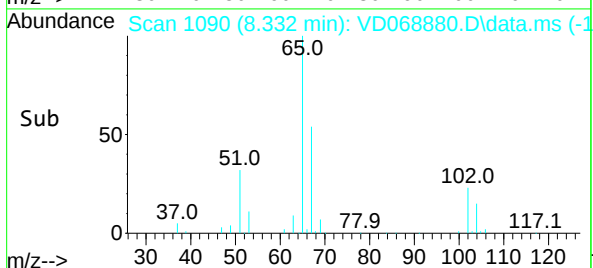
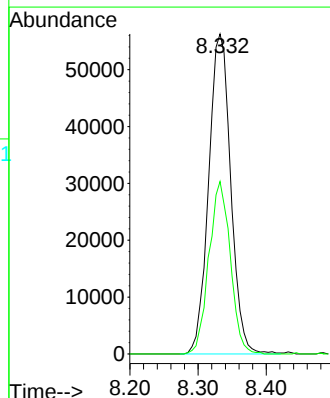
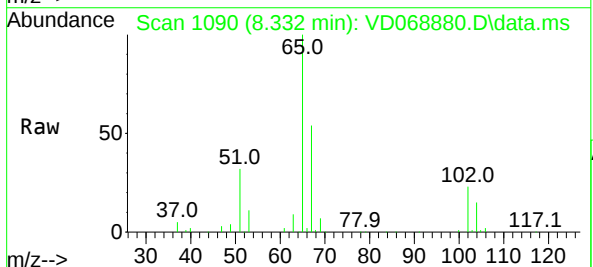


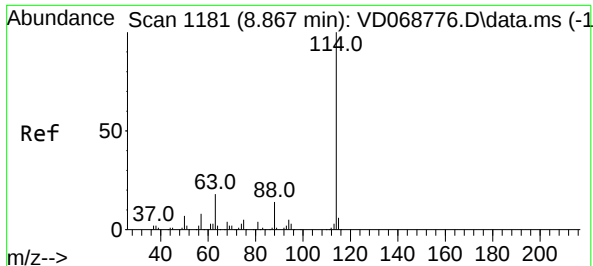
Tgt Ion:168 Resp: 282678
Ion Ratio Lower Upper
168 100
99 57.0 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 42.46 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068880.D
Acq: 16 Apr 2021 17:19

Tgt Ion: 65 Resp: 126859
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.0



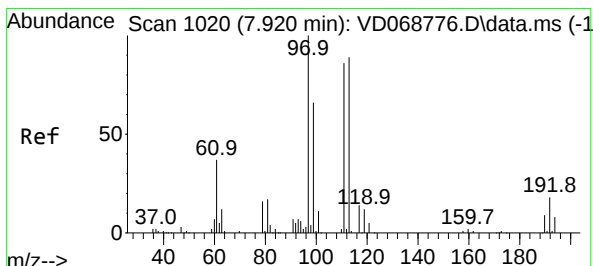
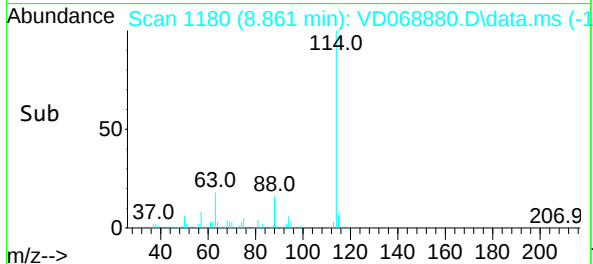
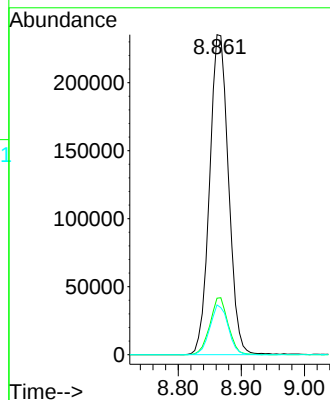
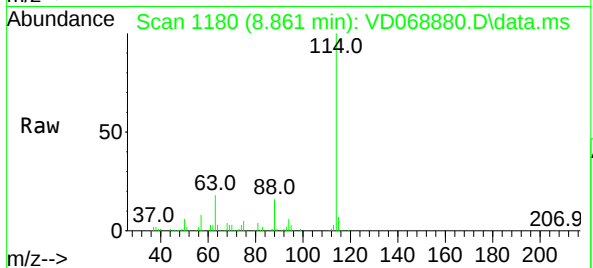


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD068880.D
Acq: 16 Apr 2021 17:19

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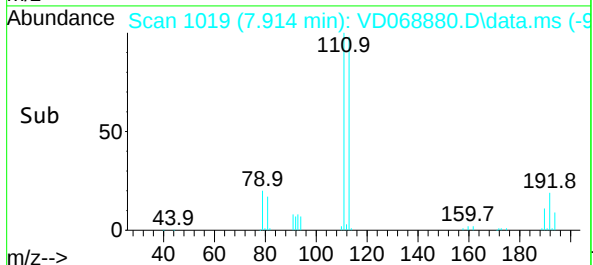
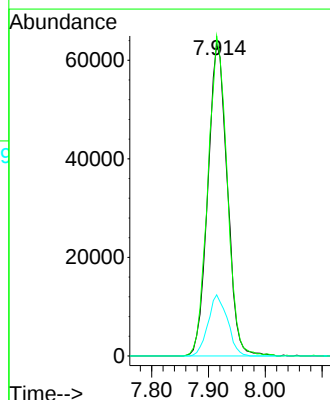
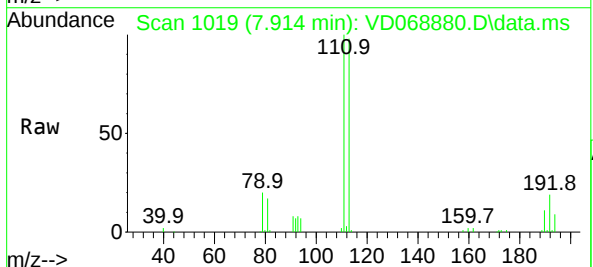
Tgt Ion:114 Resp: 489457
Ion Ratio Lower Upper
114 100
63 17.6 0.0 38.2
88 15.6 0.0 29.4

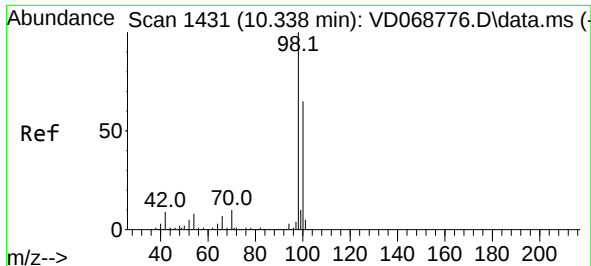


#35

Dibromofluoromethane
Concen: 47.12 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068880.D
Acq: 16 Apr 2021 17:19

Tgt Ion:113 Resp: 150024
Ion Ratio Lower Upper
113 100
111 101.9 82.5 123.7
192 19.5 15.1 22.7

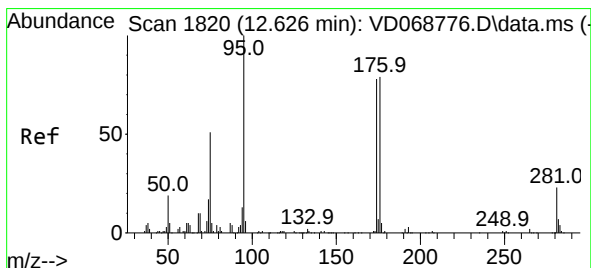
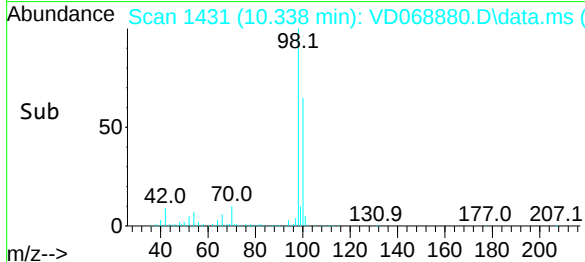
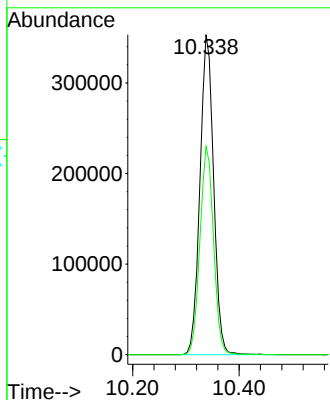
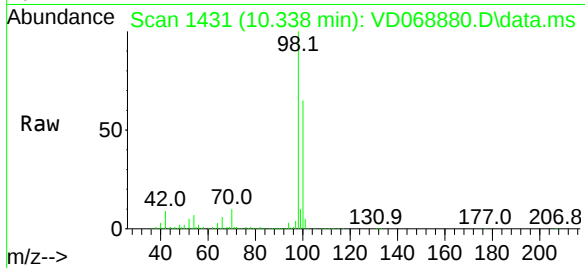




#50
Toluene-d8
Concen: 52.22 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068880.D
Acq: 16 Apr 2021 17:19

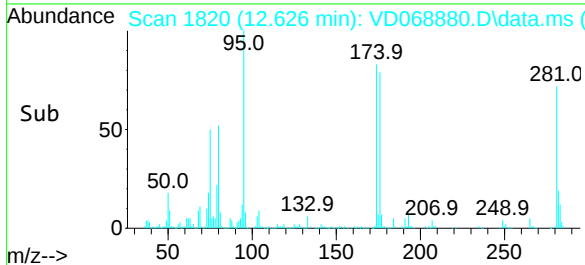
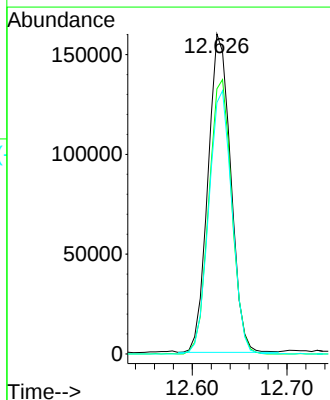
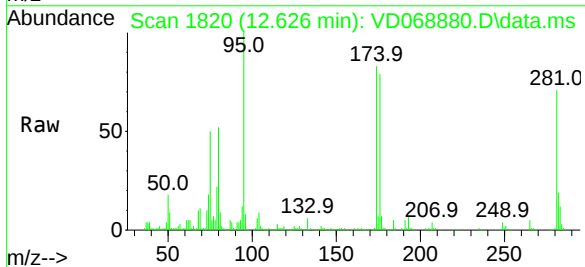
Instrument :
MSVOA_D
ClientSampleId :
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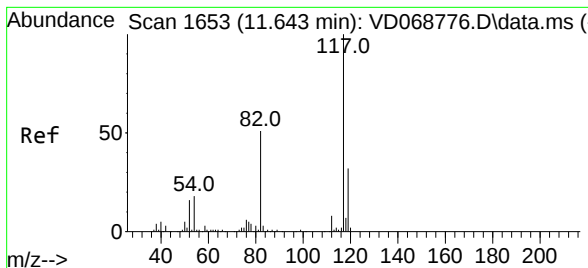
Tgt Ion: 98 Resp: 627213
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 66.71 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD068880.D
Acq: 16 Apr 2021 17:19

Tgt Ion: 95 Resp: 266076
Ion Ratio Lower Upper
95 100
174 86.9 0.0 168.0
176 83.8 0.0 160.2

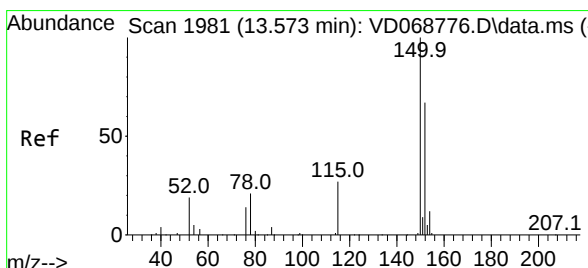
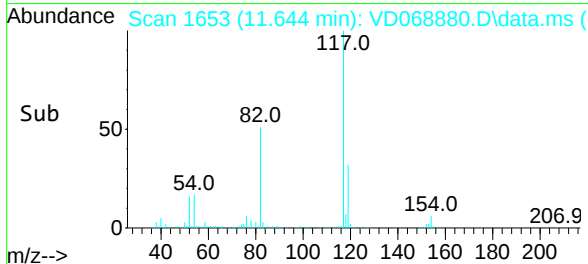
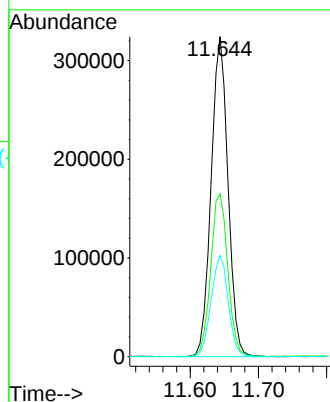
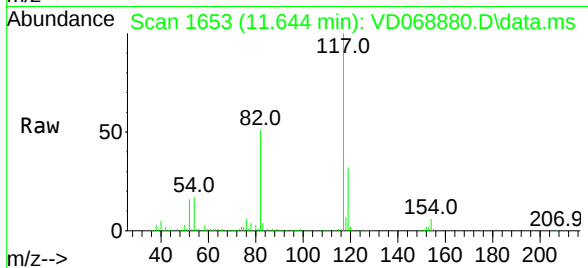




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068880.D
Acq: 16 Apr 2021 17:19

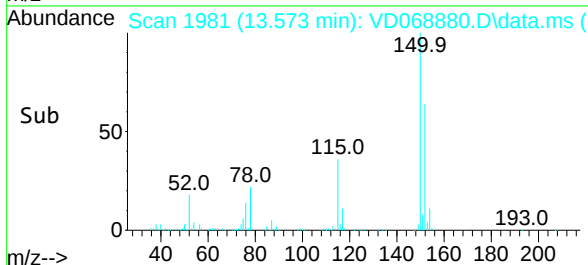
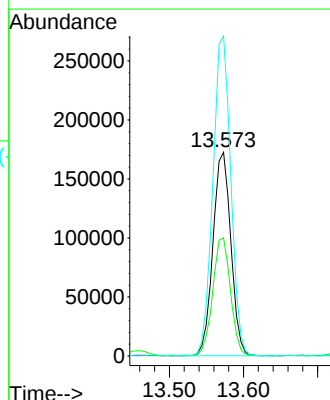
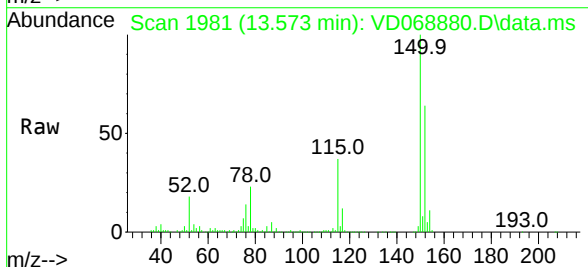
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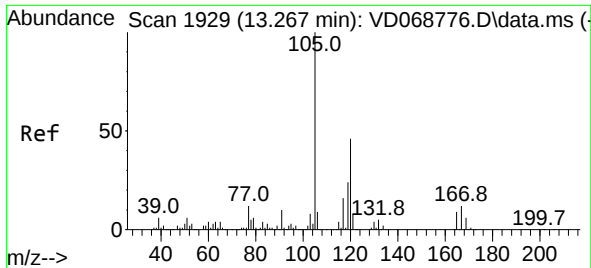
Tgt Ion:117 Resp: 557147
Ion Ratio Lower Upper
117 100
82 50.9 43.5 65.3
119 31.7 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068880.D
Acq: 16 Apr 2021 17:19

Tgt Ion:152 Resp: 289900
Ion Ratio Lower Upper
152 100
115 57.2 29.3 87.8
150 156.9 0.0 347.6





#84
 1,2,4-Trimethylbenzene
 Concen: 3.53 ug/l
 RT: 13.267 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: VD068880.D
 Acq: 16 Apr 2021 17:19

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion:105 Resp: 63077
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.6 67.7

