

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
 Data File : VD068791.D
 Acq On : 08 Apr 2021 16:08
 Operator : VA/SY
 Sample : M1908-07
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FILL(0.5-1.0)

Quant Time: Apr 08 16:41:46 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)

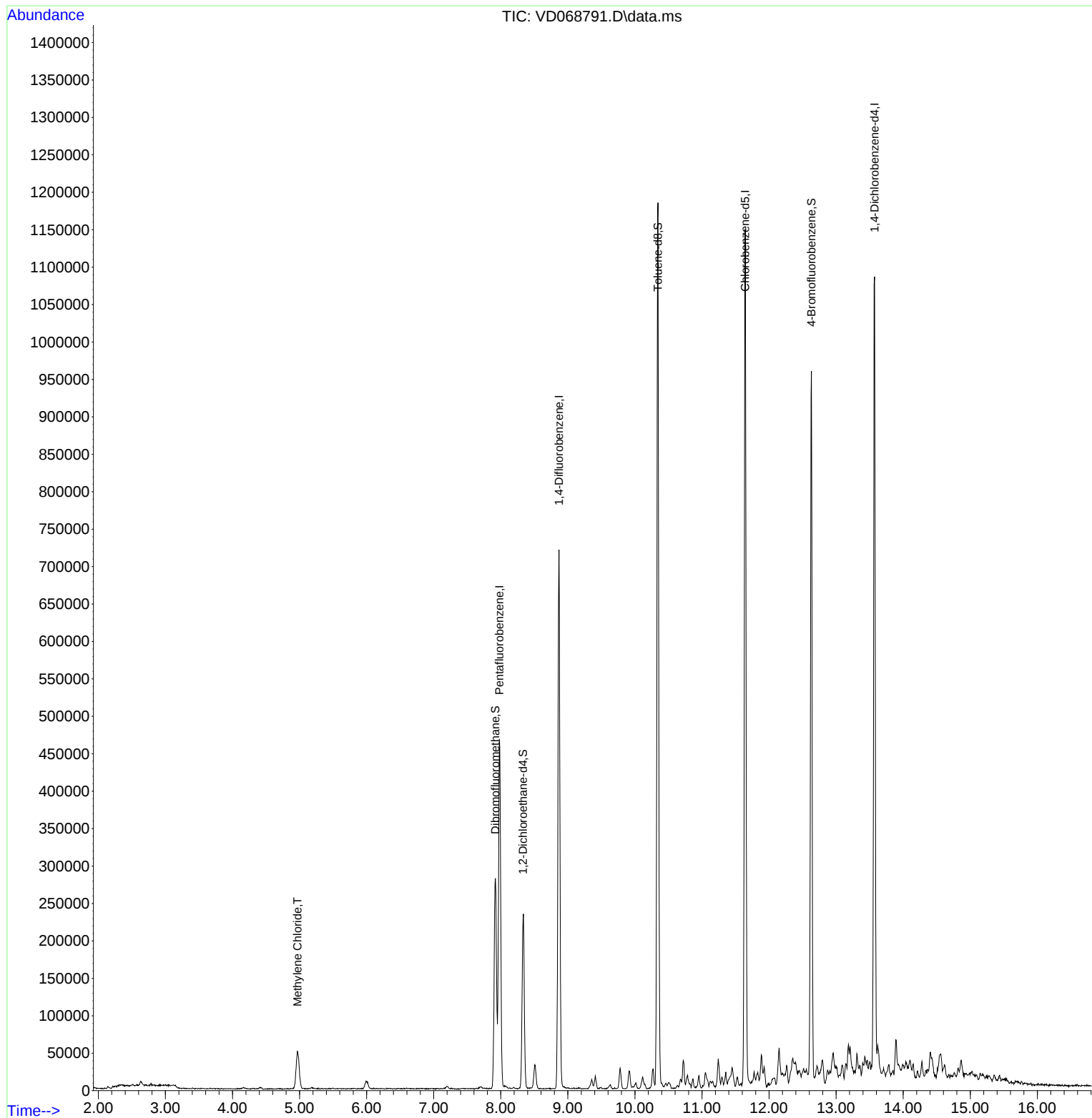
Internal Standards						
1) Pentafluorobenzene	7.979	168	364440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	656193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	692259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	308023	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	189928	49.31	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.62%
35) Dibromofluoromethane	7.920	113	208596	48.87	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.74%
50) Toluene-d8	10.344	98	839006	52.11	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.22%
62) 4-Bromofluorobenzene	12.632	95	298732	55.86	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.72%
Target Compounds						
20) Methylene Chloride	4.967	84	44991	6.20	ug/l	Qvalue 97

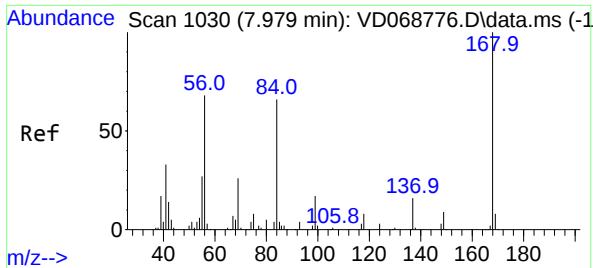
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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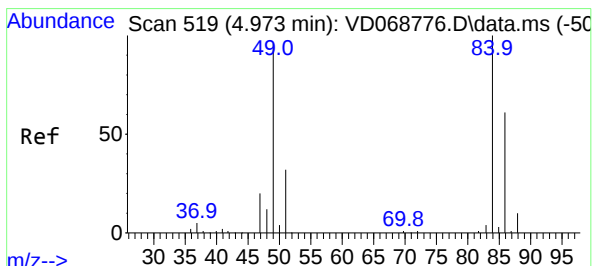
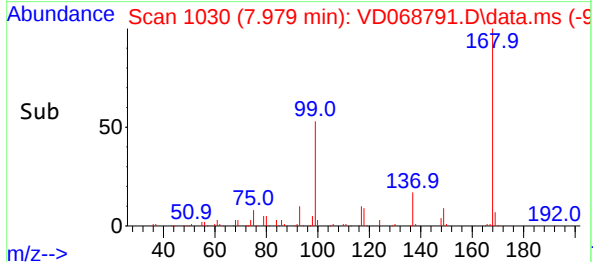
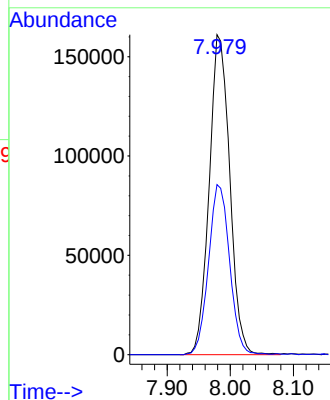
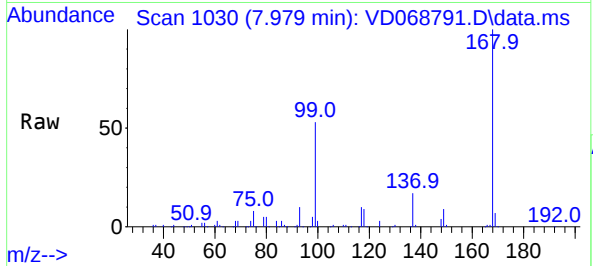




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068791.D
Acq: 08 Apr 2021 16:08

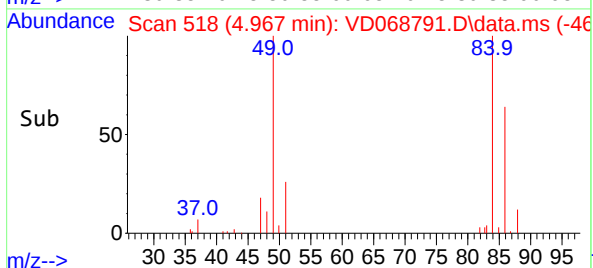
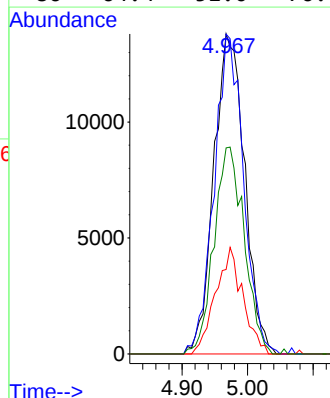
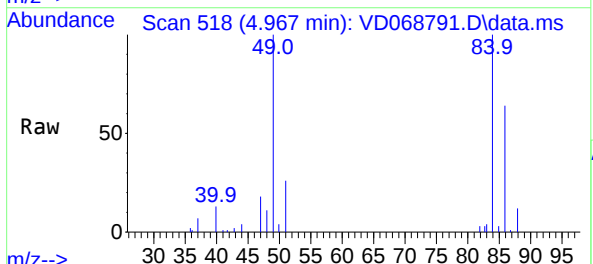
Instrument :
MSVOA_D
ClientSampleId :
FILL(0.5-1.0)

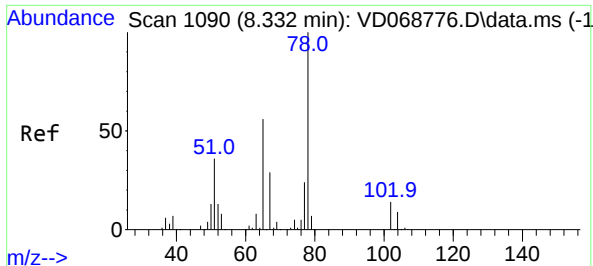
Tgt Ion:168 Resp: 364440
Ion Ratio Lower Upper
168 100
99 53.1 46.2 69.2



#20
Methylene Chloride
Concen: 6.20 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068791.D
Acq: 08 Apr 2021 16:08

Tgt Ion: 84 Resp: 44991
Ion Ratio Lower Upper
84 100
49 100.0 83.4 125.0
51 26.4 23.4 35.2
86 64.4 51.0 76.4

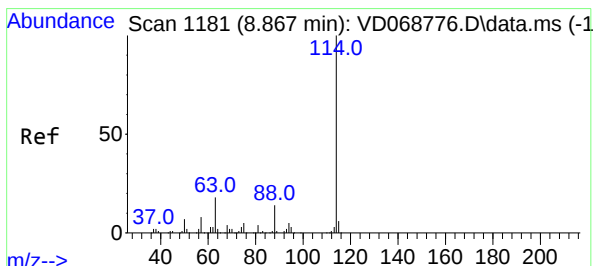
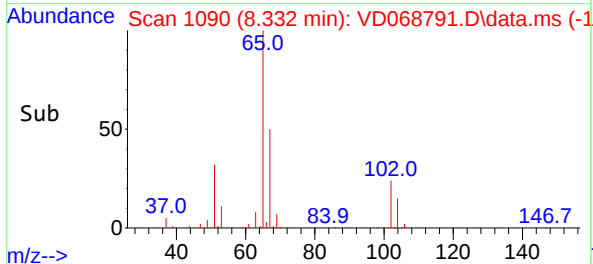
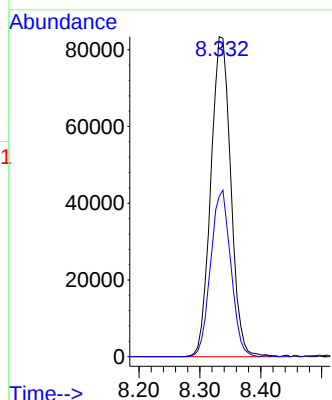
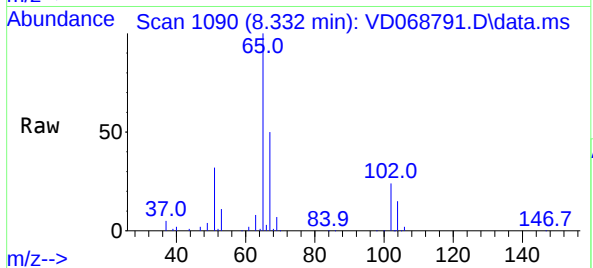




#33
1,2-Dichloroethane-d4
Concen: 49.31 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068791.D
Acq: 08 Apr 2021 16:08

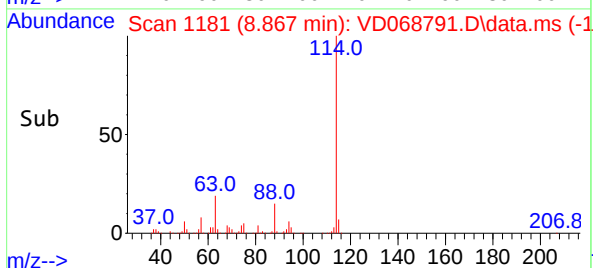
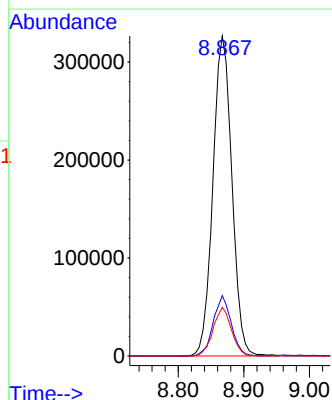
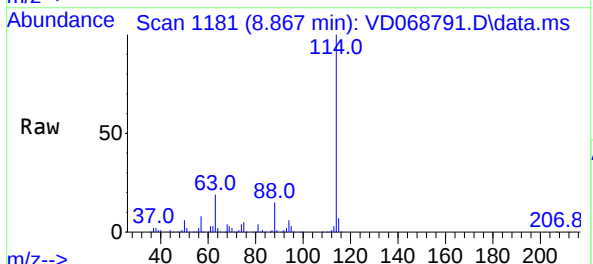
Instrument :
MSVOA_D
ClientSampleId :
FILL(0.5-1.0)

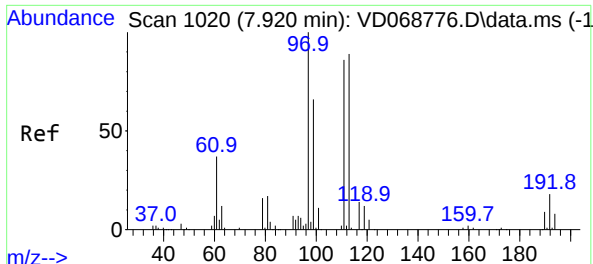
Tgt Ion: 65 Resp: 189928
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068791.D
Acq: 08 Apr 2021 16:08

Tgt Ion:114 Resp: 656193
Ion Ratio Lower Upper
114 100
63 18.9 0.0 38.2
88 15.2 0.0 29.4

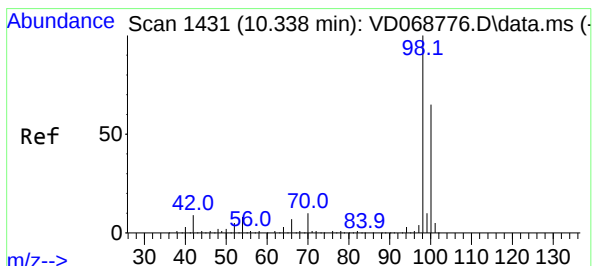
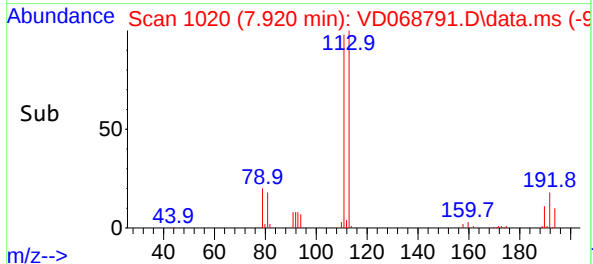
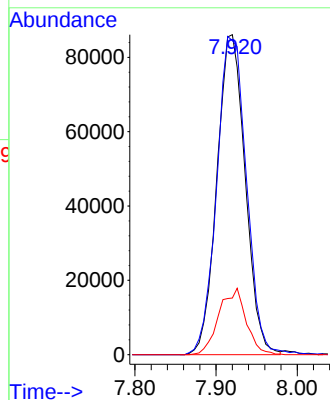
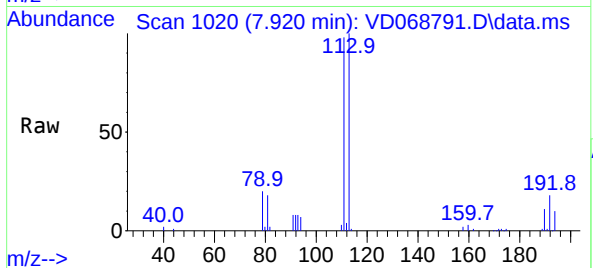




#35
Dibromofluoromethane
Concen: 48.87 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068791.D
Acq: 08 Apr 2021 16:08

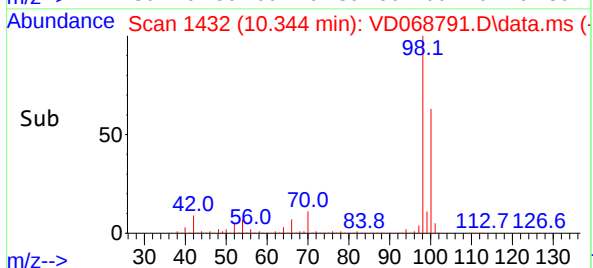
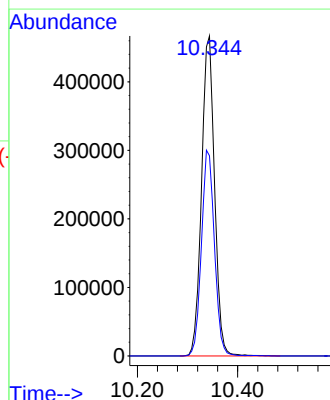
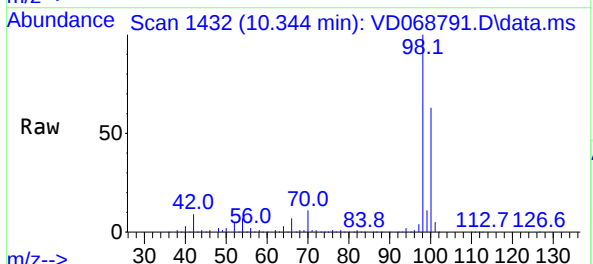
Instrument :
MSVOA_D
ClientSampleId :
FILL(0.5-1.0)

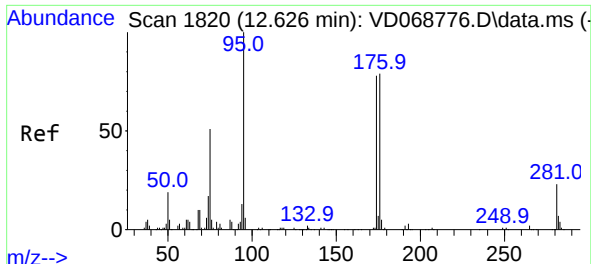
Tgt Ion:113 Resp: 208596
Ion Ratio Lower Upper
113 100
111 104.4 82.5 123.7
192 19.9 15.1 22.7



#50
Toluene-d8
Concen: 52.11 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD068791.D
Acq: 08 Apr 2021 16:08

Tgt Ion: 98 Resp: 839006
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6

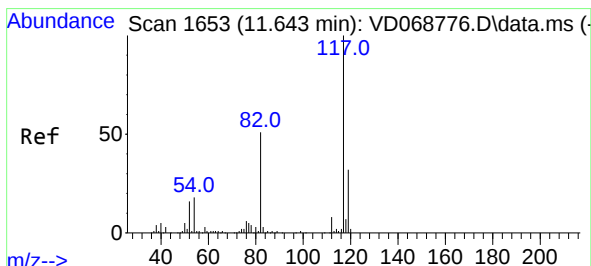
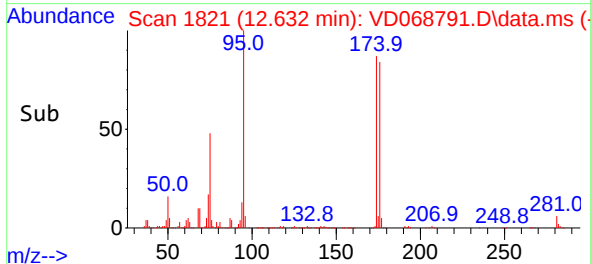
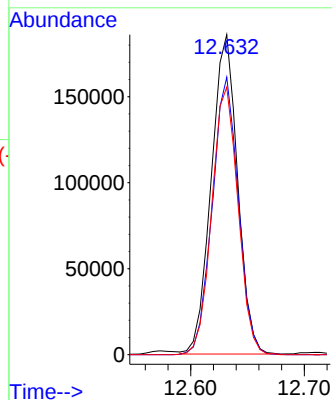
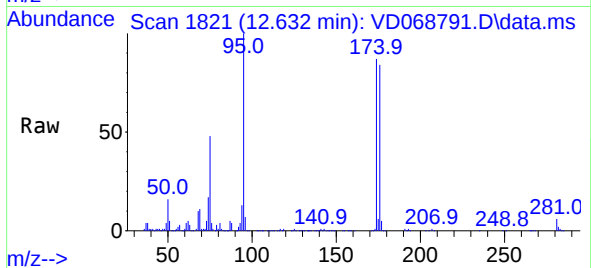




#62
4-Bromofluorobenzene
Concen: 55.86 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068791.D
Acq: 08 Apr 2021 16:08

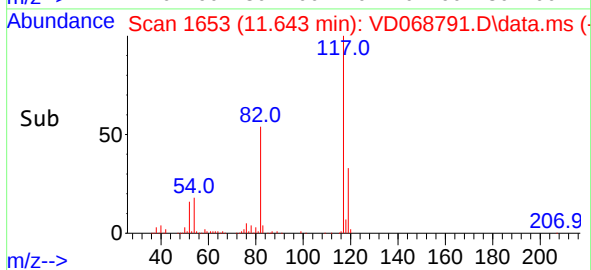
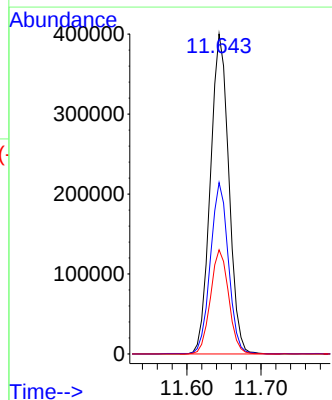
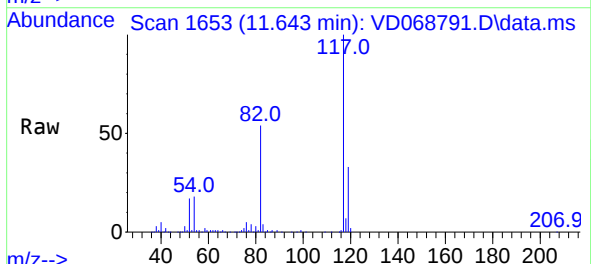
Instrument :
MSVOA_D
ClientSampleId :
FILL(0.5-1.0)

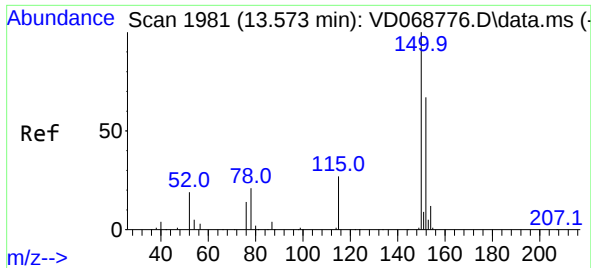
Tgt Ion: 95 Resp: 298732
Ion Ratio Lower Upper
95 100
174 86.1 0.0 168.0
176 83.5 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068791.D
Acq: 08 Apr 2021 16:08

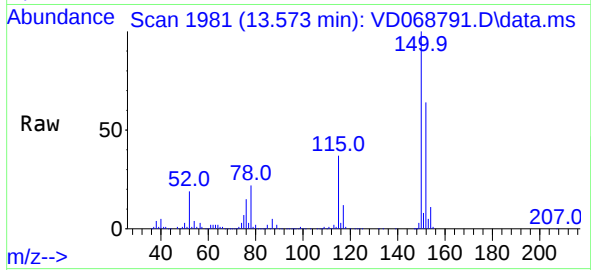
Tgt Ion: 117 Resp: 692259
Ion Ratio Lower Upper
117 100
82 53.5 43.5 65.3
119 32.6 26.7 40.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068791.D
Acq: 08 Apr 2021 16:08

Instrument :
MSVOA_D
ClientSampleId :
FILL(0.5-1.0)



Tgt Ion:152 Resp: 308023
Ion Ratio Lower Upper
152 100
115 58.0 29.3 87.8
150 157.9 0.0 347.6

