

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021721\
 Data File : VD068390.D
 Acq On : 17 Feb 2021 18:30
 Operator : VA/SY
 Sample : M1435-01
 Misc : 5.68G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-021721

Quant Time: Feb 18 00:14:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

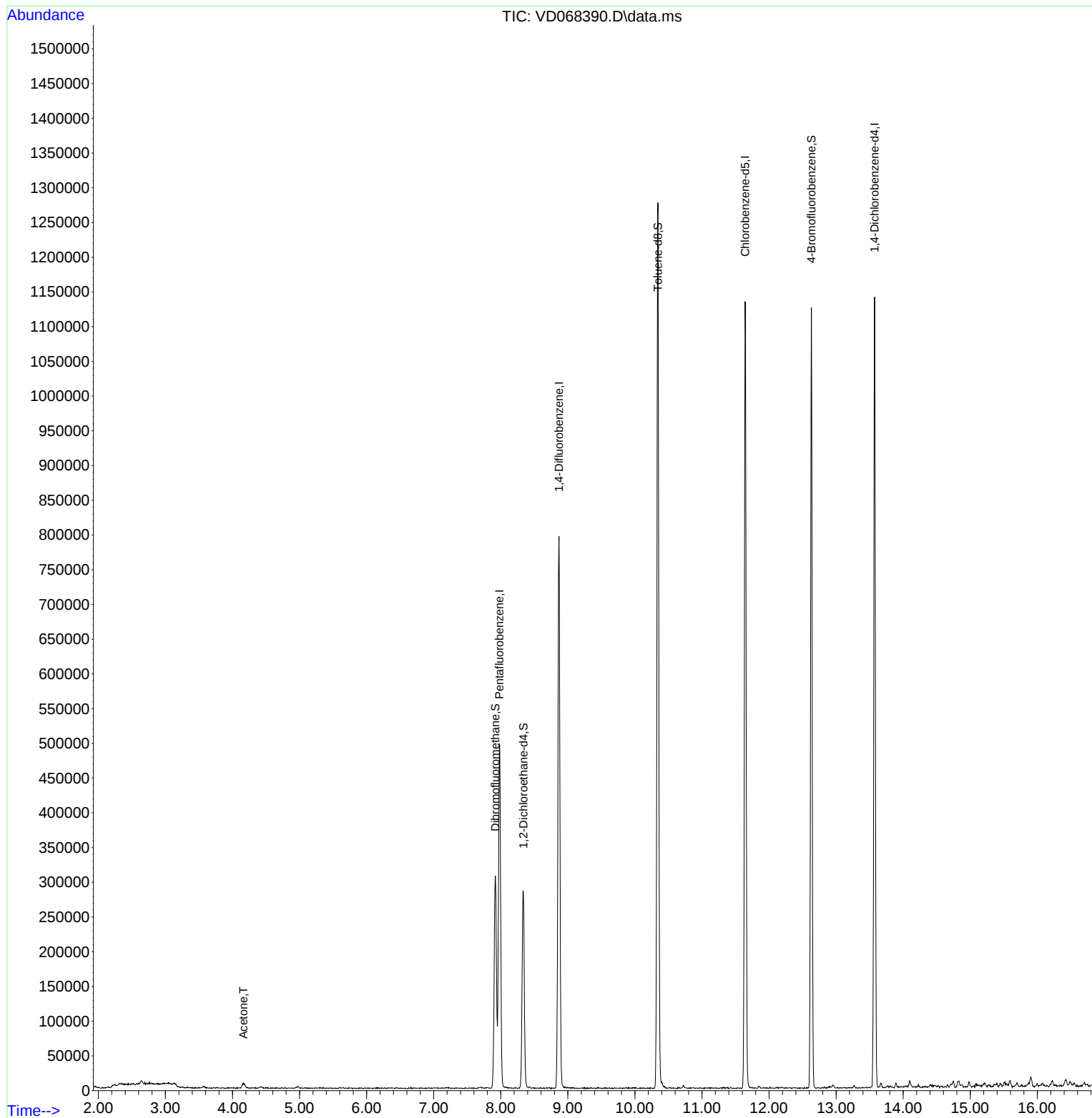
Internal Standards						
1) Pentafluorobenzene	7.979	168	373256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	725841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	678148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	303427	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	229409	60.12	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.24%
35) Dibromofluoromethane	7.920	113	226416	52.55	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.10%
50) Toluene-d8	10.344	98	925466	51.83	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.66%
62) 4-Bromofluorobenzene	12.632	95	297763	51.19	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.38%
Target Compounds						
16) Acetone	4.162	43	12080	20.52	ug/l	Qvalue 94

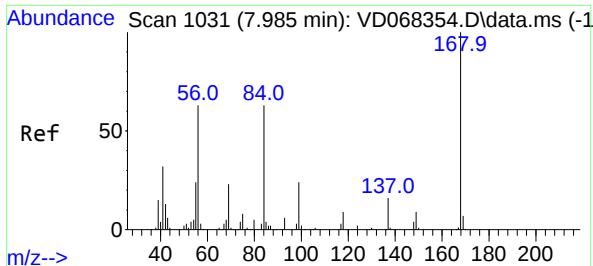
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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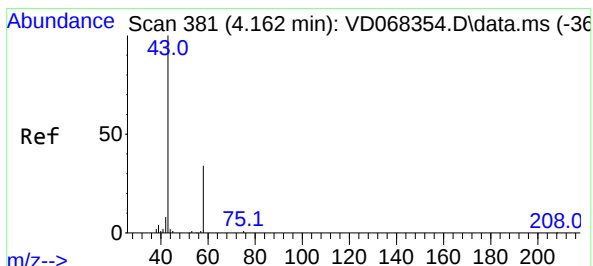
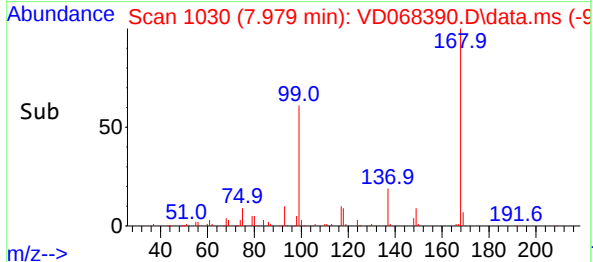
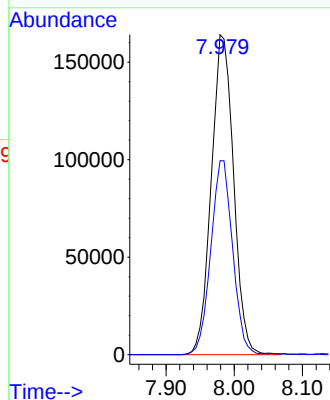
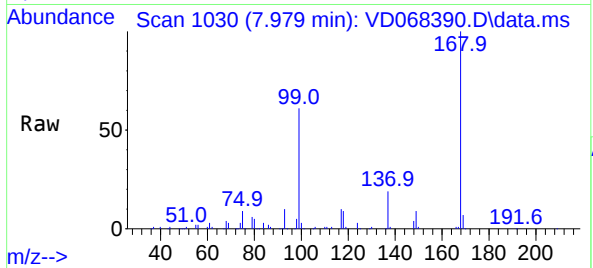




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068390.D
Acq: 17 Feb 2021 18:30

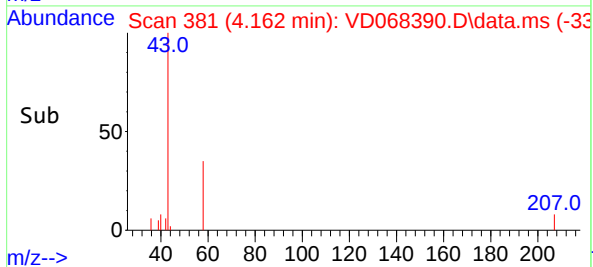
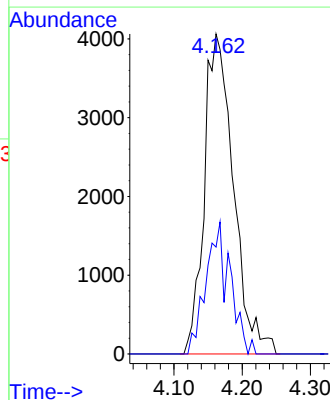
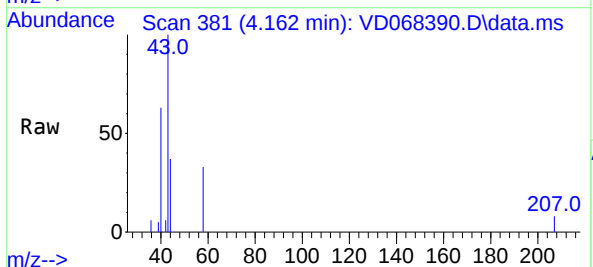
Instrument :
MSVOA_D
ClientSampleId :
SU-04-021721

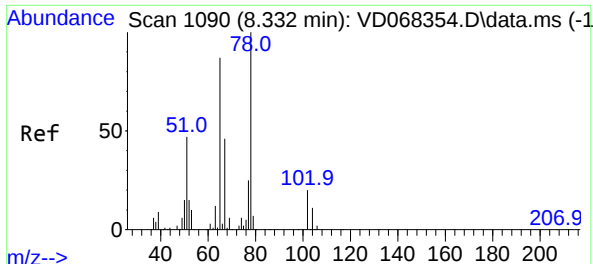
Tgt Ion:168 Resp: 373256
Ion Ratio Lower Upper
168 100
99 60.6 43.5 65.3



#16
Acetone
Concen: 20.52 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068390.D
Acq: 17 Feb 2021 18:30

Tgt Ion: 43 Resp: 12080
Ion Ratio Lower Upper
43 100
58 33.4 24.2 36.4

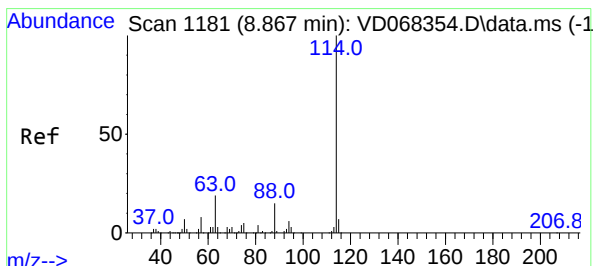
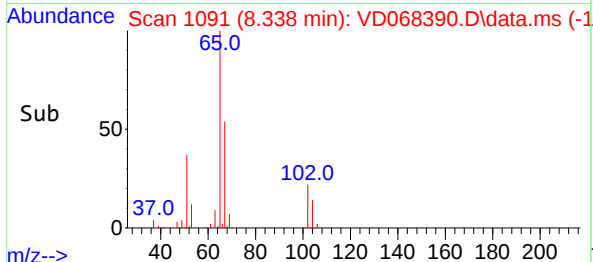
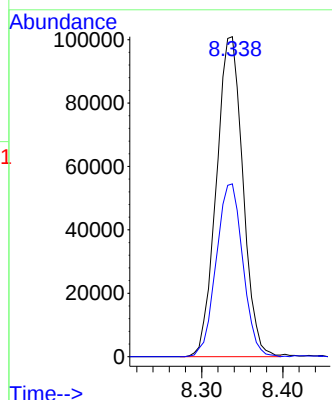
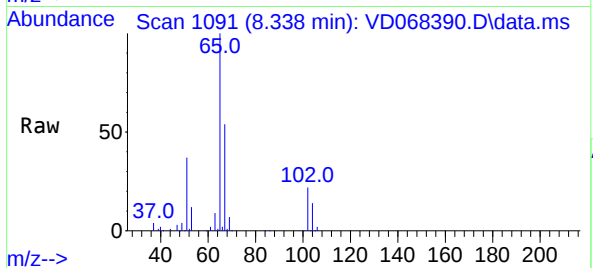




#33
1,2-Dichloroethane-d4
Concen: 60.12 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068390.D
Acq: 17 Feb 2021 18:30

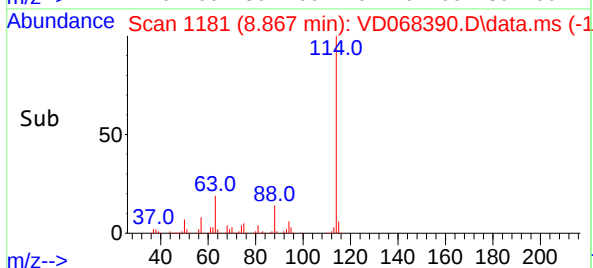
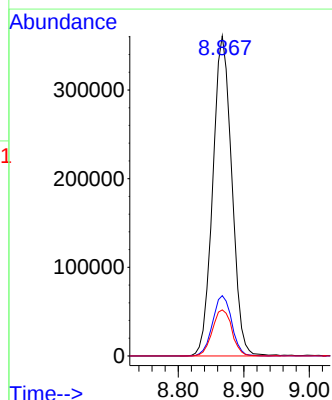
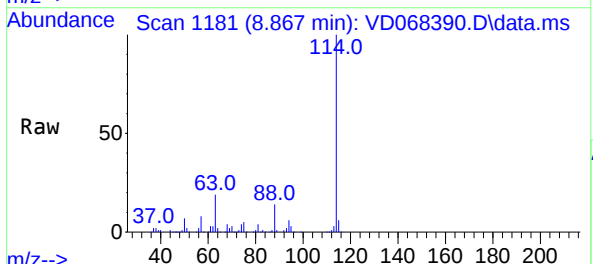
Instrument :
MSVOA_D
ClientSampleId :
SU-04-021721

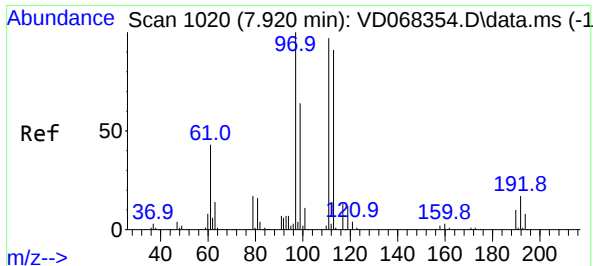
Tgt Ion: 65 Resp: 229409
Ion Ratio Lower Upper
65 100
67 54.2 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068390.D
Acq: 17 Feb 2021 18:30

Tgt Ion: 114 Resp: 725841
Ion Ratio Lower Upper
114 100
63 18.9 0.0 34.8
88 14.4 0.0 31.6

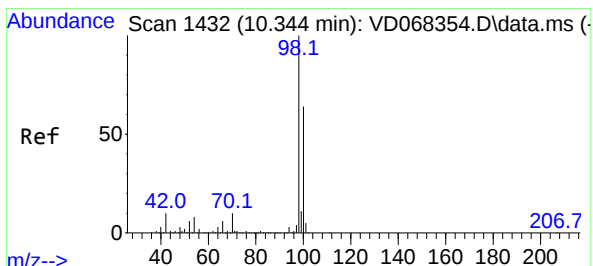
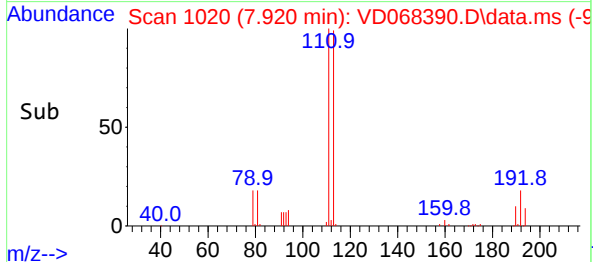
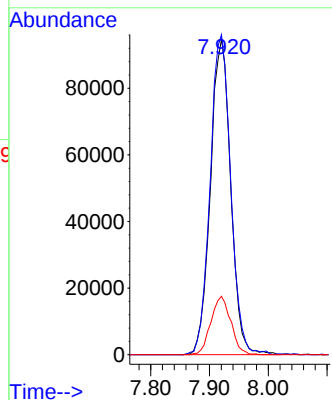
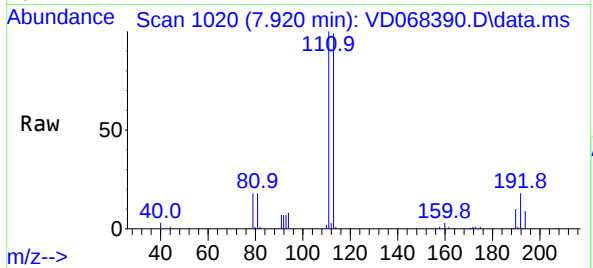




#35
Dibromofluoromethane
Concen: 52.55 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068390.D
Acq: 17 Feb 2021 18:30

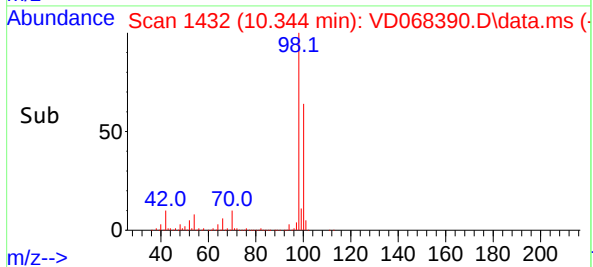
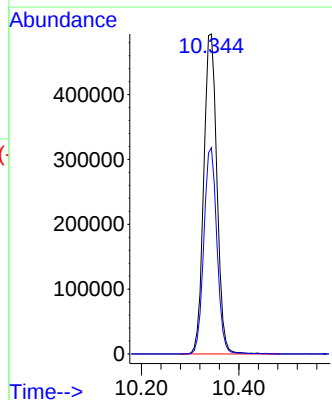
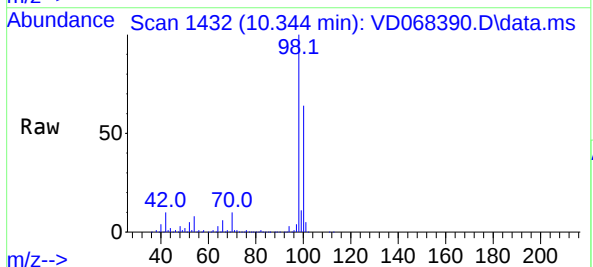
Instrument :
MSVOA_D
ClientSampleId :
SU-04-021721

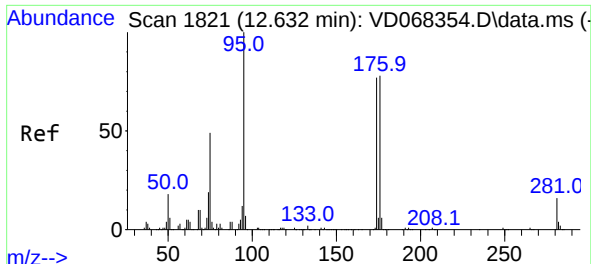
Tgt Ion:113 Resp: 226416
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 18.2 16.1 24.1



#50
Toluene-d8
Concen: 51.83 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068390.D
Acq: 17 Feb 2021 18:30

Tgt Ion: 98 Resp: 925466
Ion Ratio Lower Upper
98 100
100 63.9 53.0 79.4



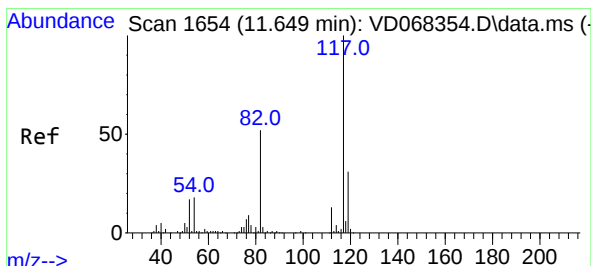
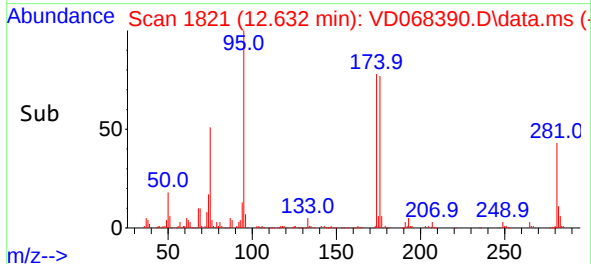
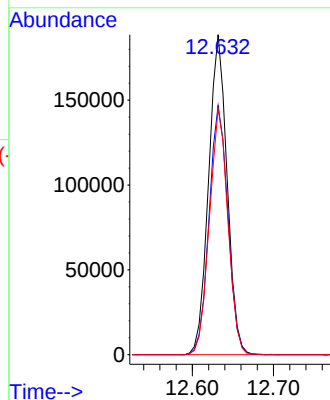
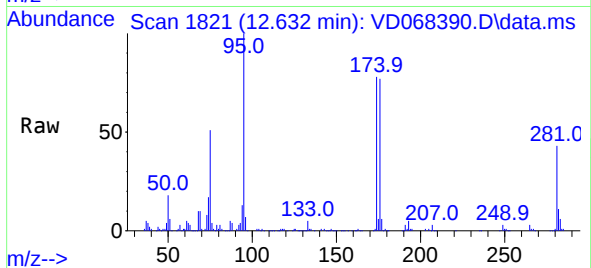


#62
4-Bromofluorobenzene
Concen: 51.19 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068390.D
Acq: 17 Feb 2021 18:30

Instrument :
MSVOA_D
ClientSampleId :
SU-04-021721

Tgt Ion: 95 Resp: 297763

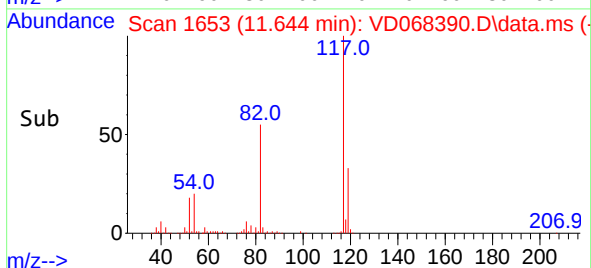
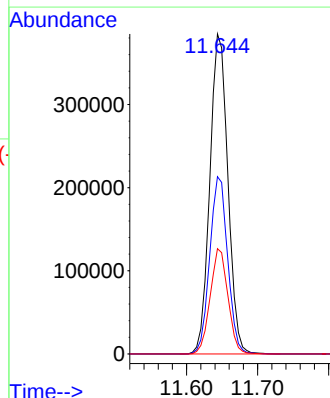
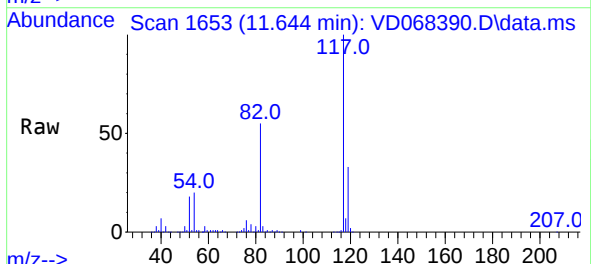
Ion	Ratio	Lower	Upper
95	100		
174	79.4	0.0	172.4
176	76.7	0.0	168.4

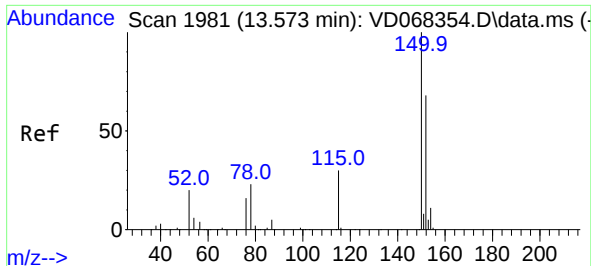


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068390.D
Acq: 17 Feb 2021 18:30

Tgt Ion: 117 Resp: 678148

Ion	Ratio	Lower	Upper
117	100		
82	55.4	41.4	62.0
119	32.9	26.1	39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD068390.D
 Acq: 17 Feb 2021 18:30

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion:152 Resp: 303427
 Ion Ratio Lower Upper
 152 100
 115 58.6 28.9 86.8
 150 155.6 0.0 344.4

