

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042221\
 Data File : VD068954.D
 Acq On : 22 Apr 2021 15:51
 Operator : VA/SY
 Sample : M2107-08
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-31-0-2.0

Quant Time: Apr 23 08:46:26 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)

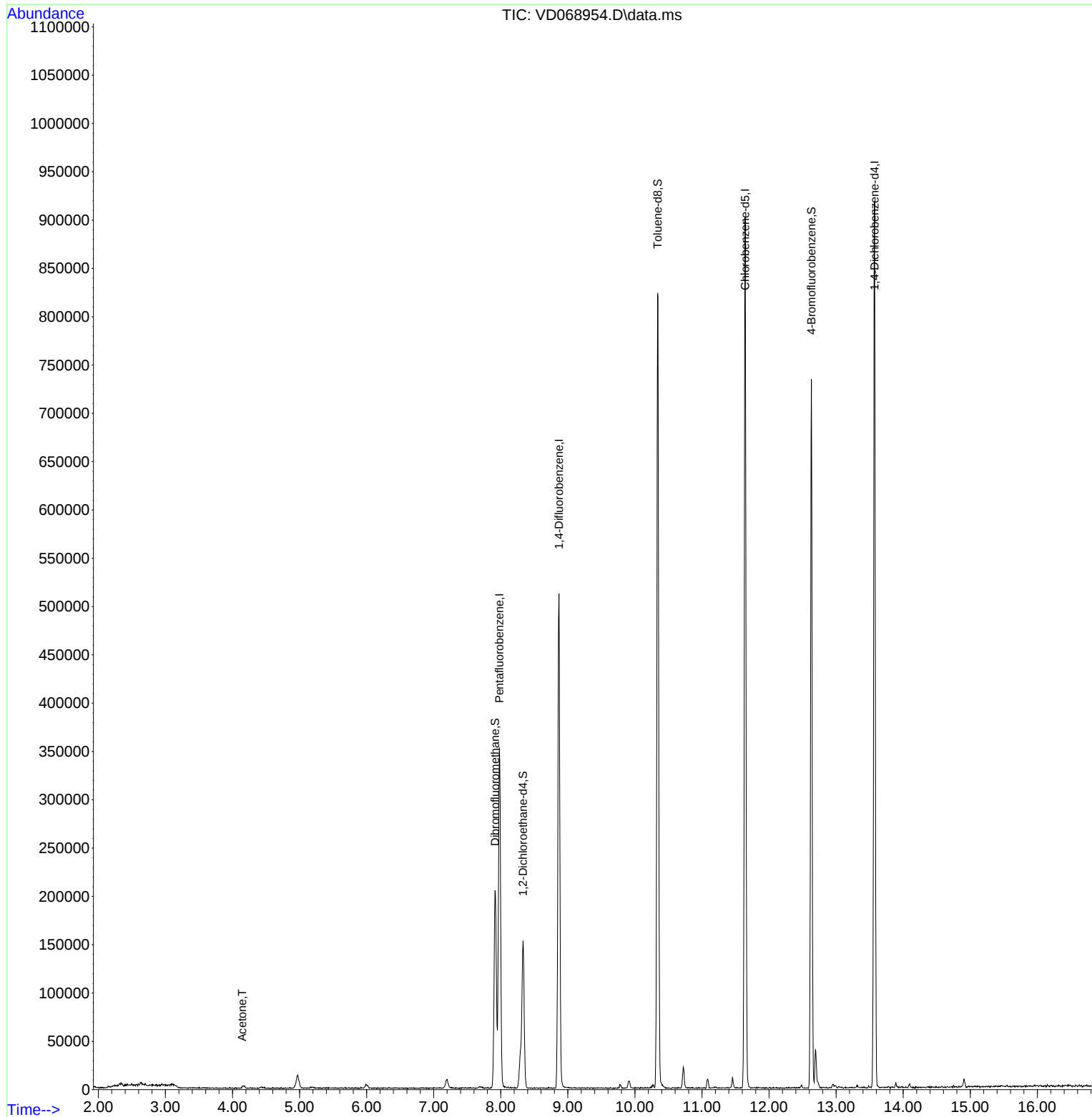
Internal Standards						
1) Pentafluorobenzene	7.979	168	270116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	468381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	543873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	260731	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	119369	41.81	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.62%
35) Dibromofluoromethane	7.914	113	149847	49.19	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.38%
50) Toluene-d8	10.338	98	597504	51.99	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.98%
62) 4-Bromofluorobenzene	12.632	95	227895	59.71	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.42%
Target Compounds						Qvalue
16) Acetone	4.144	43	4314	10.91	ug/l	92

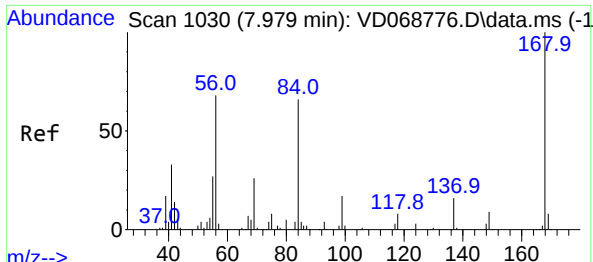
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-31-0-2.0

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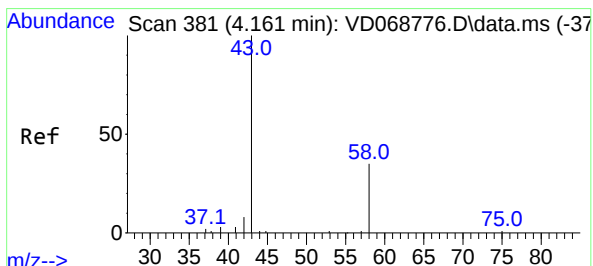
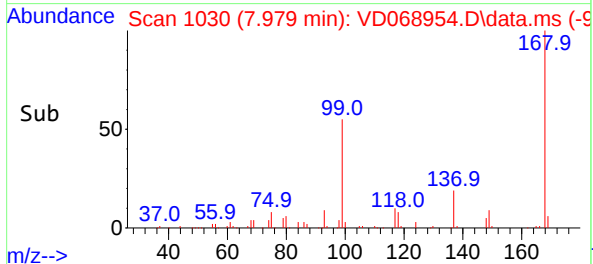
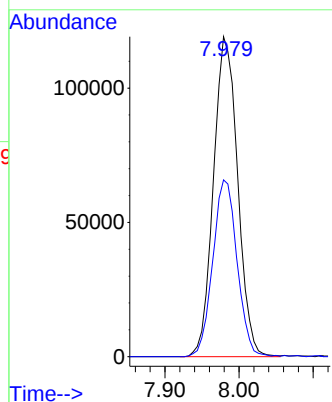
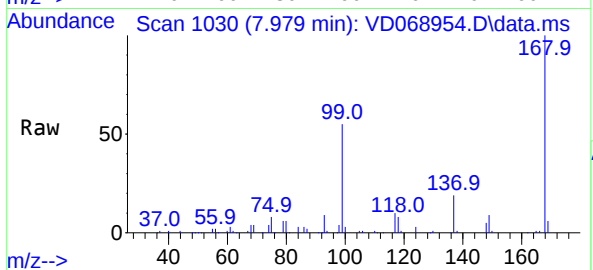




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068954.D
Acq: 22 Apr 2021 15:51

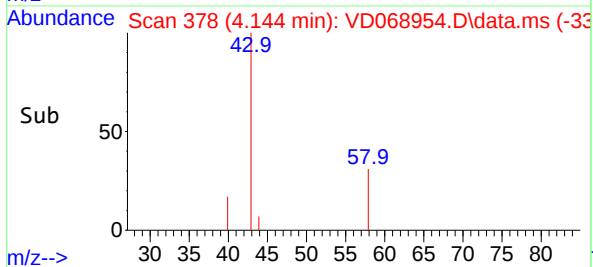
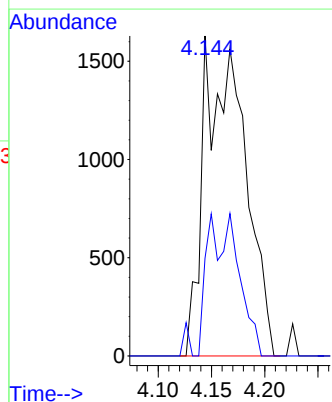
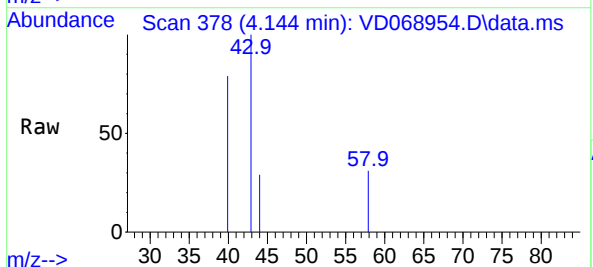
Instrument :
MSVOA_D
ClientSampleId :
SB-31-0-2.0

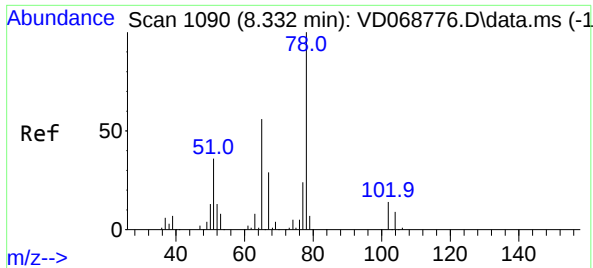
Tgt Ion:168 Resp: 270116
Ion Ratio Lower Upper
168 100
99 55.3 46.2 69.2



#16
Acetone
Concen: 10.91 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.017 min
Lab File: VD068954.D
Acq: 22 Apr 2021 15:51

Tgt Ion: 43 Resp: 4314
Ion Ratio Lower Upper
43 100
58 30.5 28.0 42.0

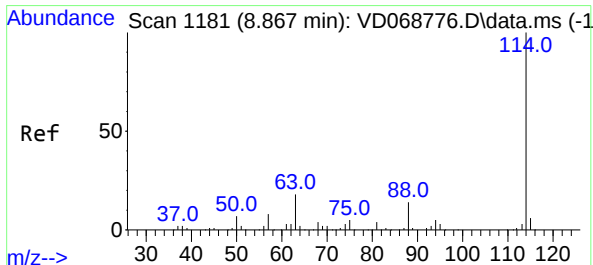
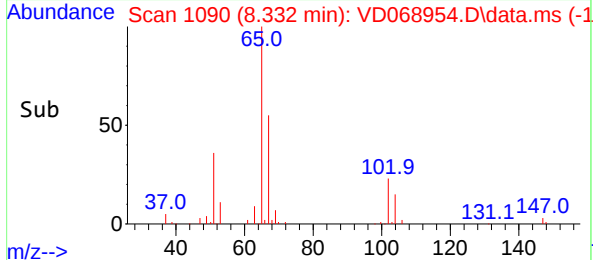
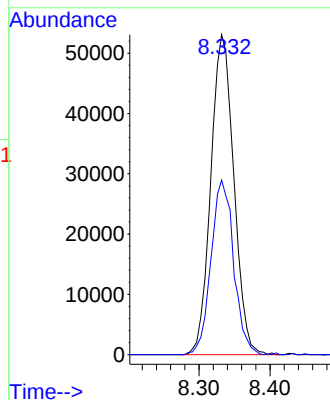
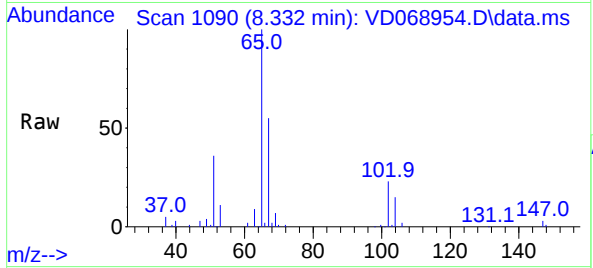




#33
1,2-Dichloroethane-d4
Concen: 41.81 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068954.D
Acq: 22 Apr 2021 15:51

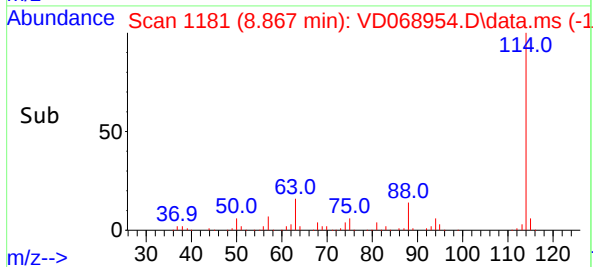
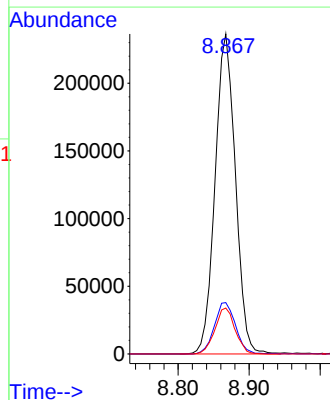
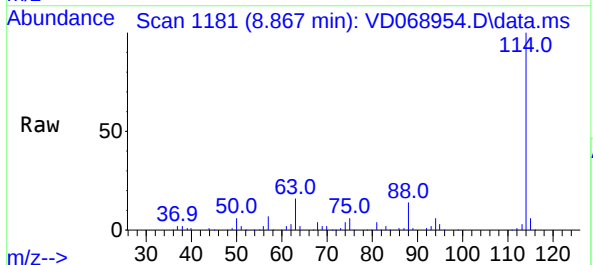
Instrument :
MSVOA_D
ClientSampleId :
SB-31-0-2.0

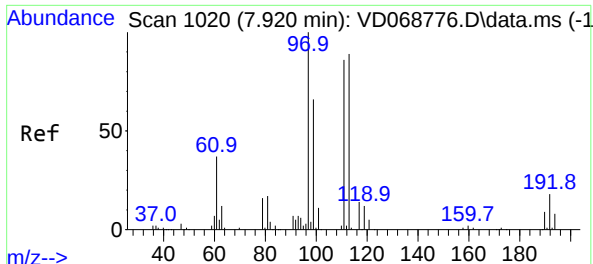
Tgt Ion: 65 Resp: 119369
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068954.D
Acq: 22 Apr 2021 15:51

Tgt Ion: 114 Resp: 468381
Ion Ratio Lower Upper
114 100
63 16.1 0.0 38.2
88 14.4 0.0 29.4

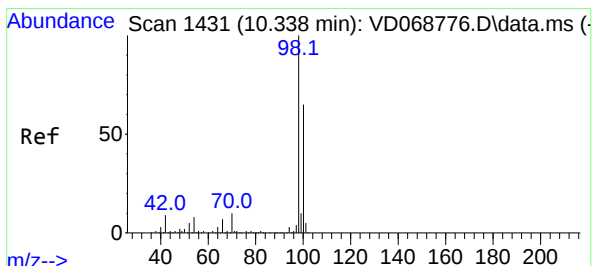
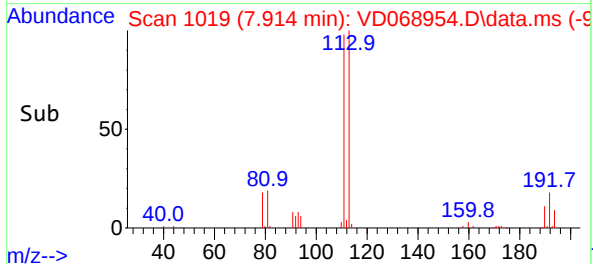
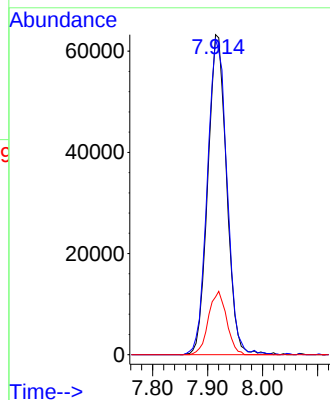
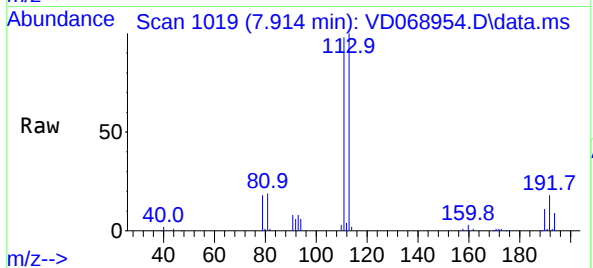




#35
Dibromofluoromethane
Concen: 49.19 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068954.D
Acq: 22 Apr 2021 15:51

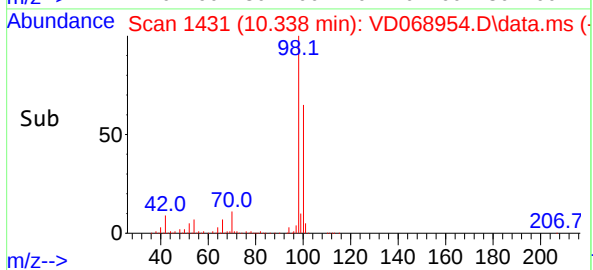
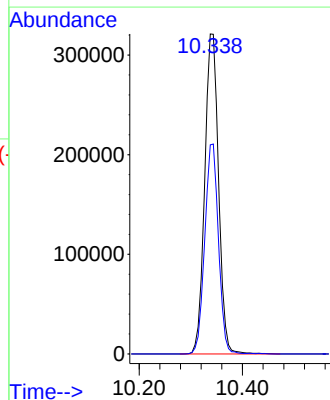
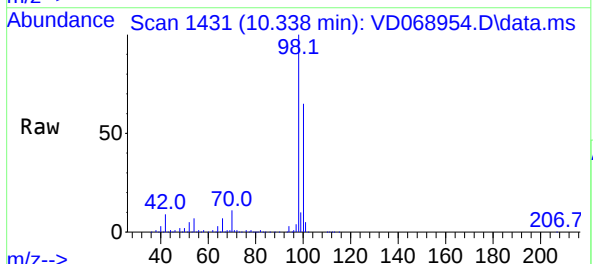
Instrument :
MSVOA_D
ClientSampleId :
SB-31-0-2.0

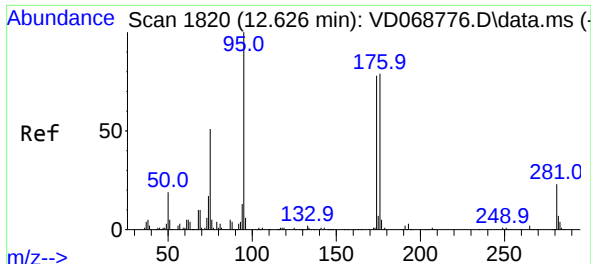
Tgt Ion:113 Resp: 149847
Ion Ratio Lower Upper
113 100
111 103.3 82.5 123.7
192 19.2 15.1 22.7



#50
Toluene-d8
Concen: 51.99 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068954.D
Acq: 22 Apr 2021 15:51

Tgt Ion: 98 Resp: 597504
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



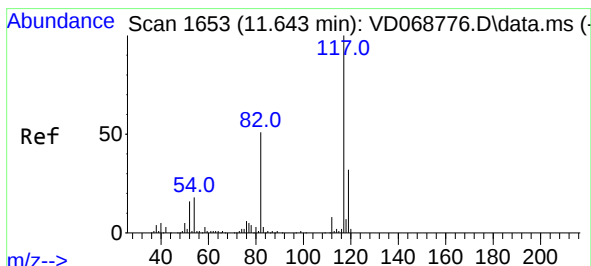
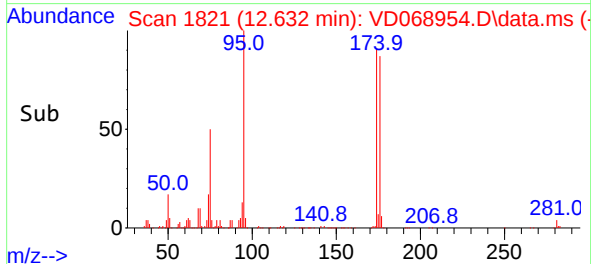
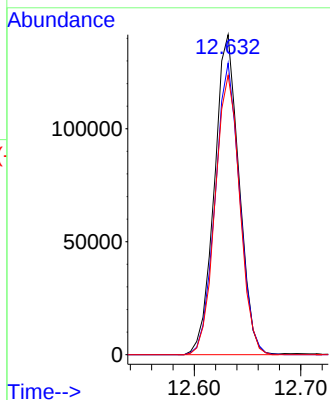
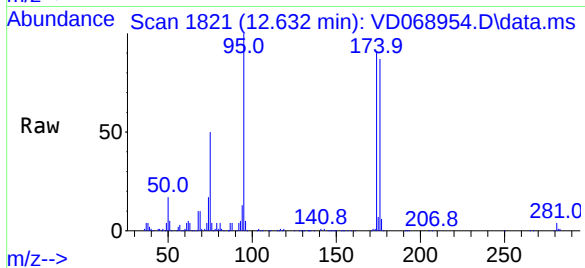


#62
4-Bromofluorobenzene
Concen: 59.71 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068954.D
Acq: 22 Apr 2021 15:51

Instrument :
MSVOA_D
ClientSampleId :
SB-31-0-2.0

Tgt Ion: 95 Resp: 227895

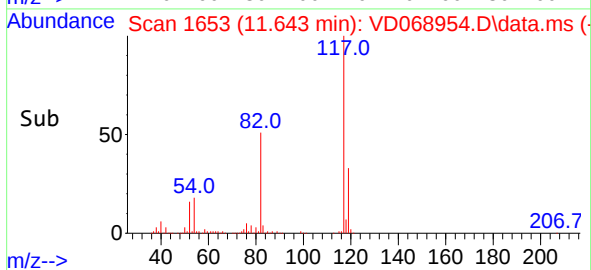
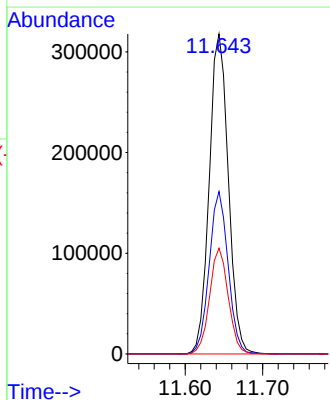
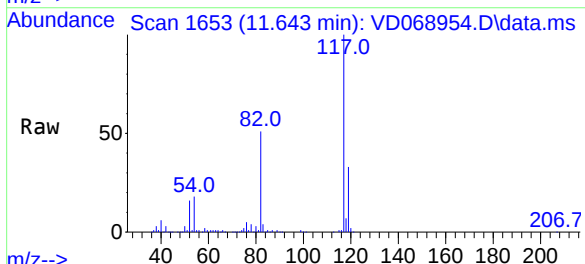
Ion	Ratio	Lower	Upper
95	100		
174	90.1	0.0	168.0
176	87.0	0.0	160.2

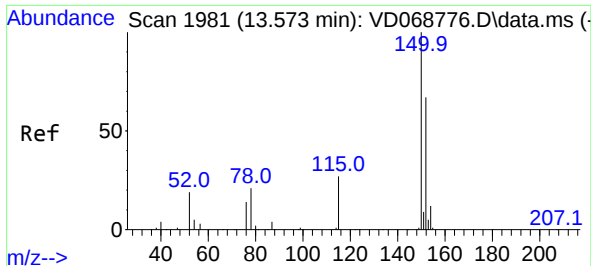


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068954.D
Acq: 22 Apr 2021 15:51

Tgt Ion: 117 Resp: 543873

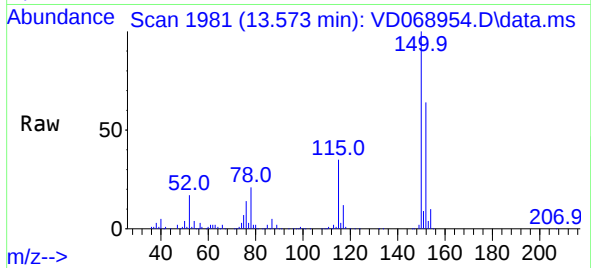
Ion	Ratio	Lower	Upper
117	100		
82	50.8	43.5	65.3
119	33.1	26.7	40.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD068954.D
 Acq: 22 Apr 2021 15:51

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-31-0-2.0



Tgt Ion:152 Resp: 260731

Ion	Ratio	Lower	Upper
152	100		
115	56.7	29.3	87.8
150	156.9	0.0	347.6

