

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033121\
 Data File : VD068739.D
 Acq On : 31 Mar 2021 15:42
 Operator : VA/SY
 Sample : M1874-06
 Misc : 5.63G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FS-SB16(45-46)

Quant Time: Apr 01 00:45:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	35367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	58414	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	71490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	36012	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	26193	73.45	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	146.90%
35) Dibromofluoromethane	7.914	113	20927	57.58	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.16%
50) Toluene-d8	10.344	98	76906	54.88	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.76%
62) 4-Bromofluorobenzene	12.626	95	28406	62.53	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	125.06%

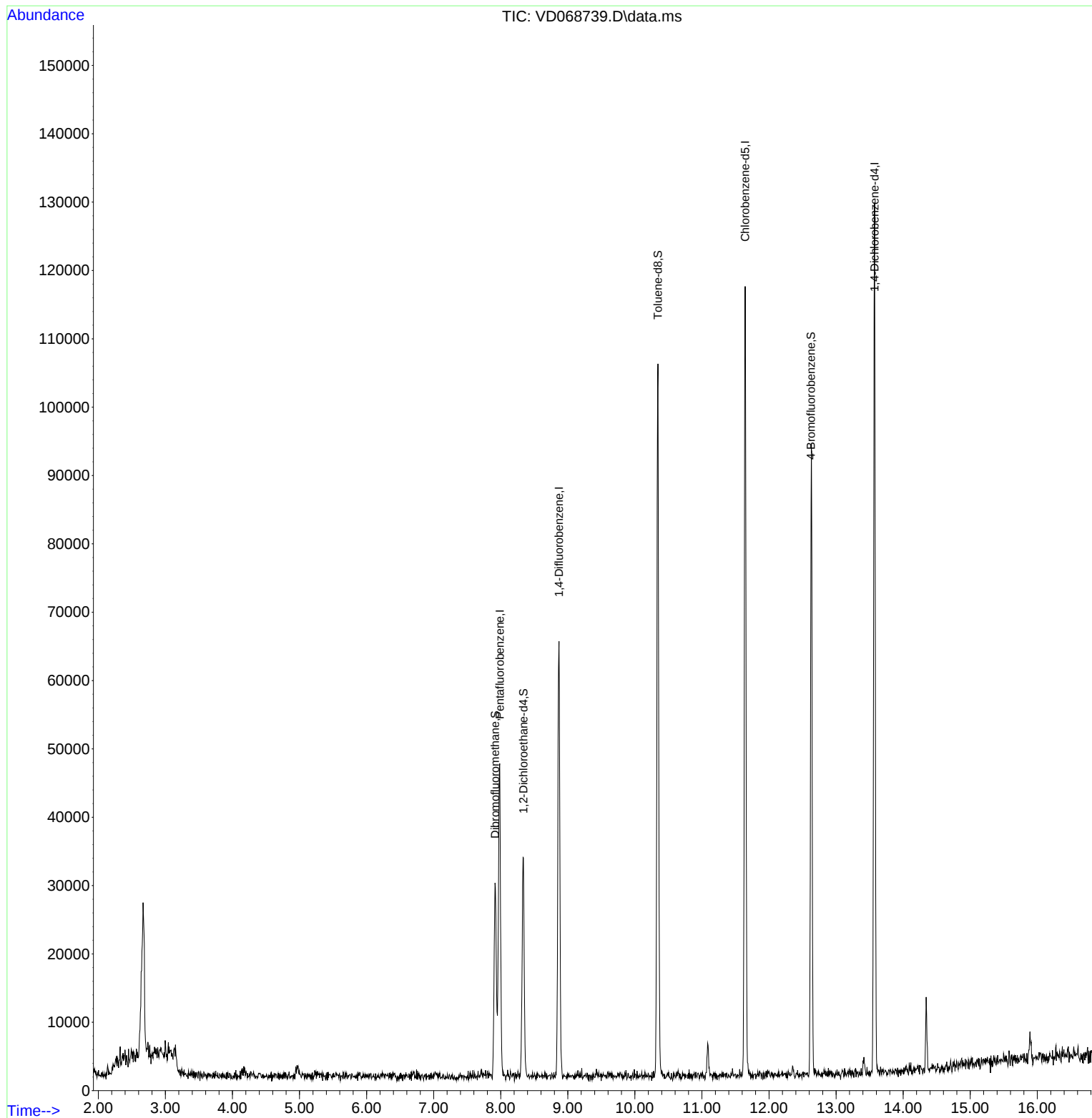
Target Compounds	Qvalue

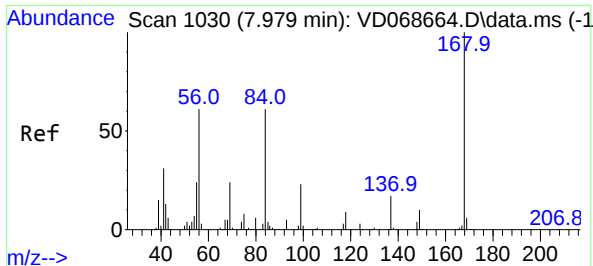
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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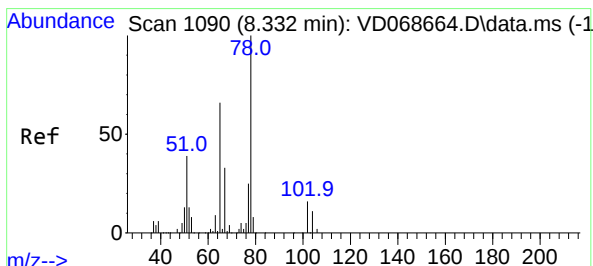
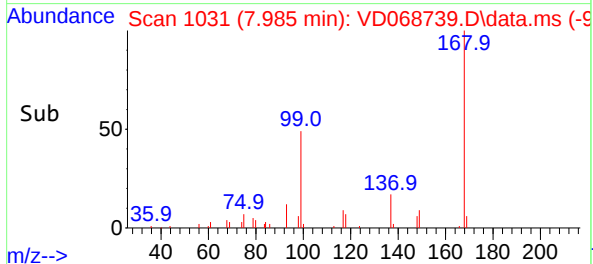
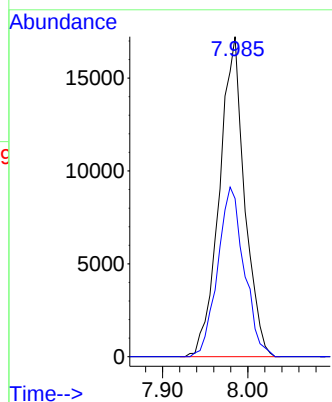
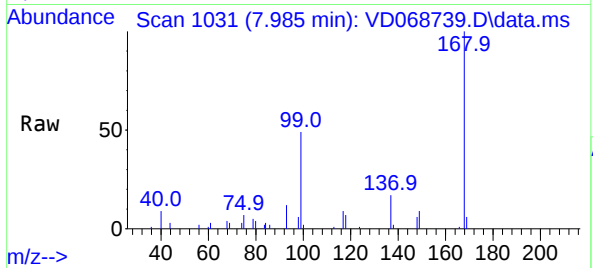




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068739.D
Acq: 31 Mar 2021 15:42

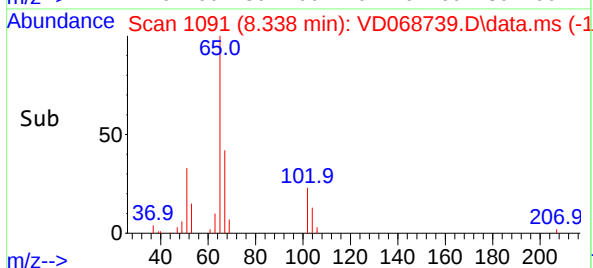
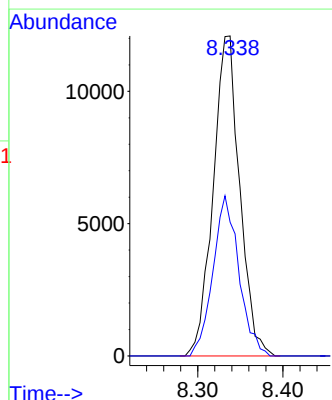
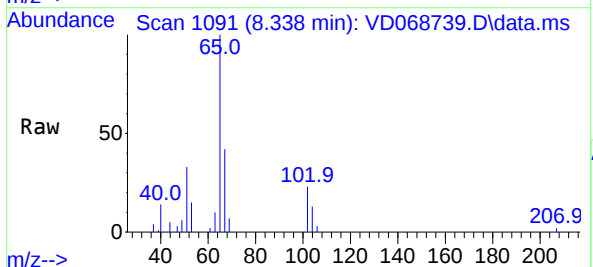
Instrument :
MSVOA_D
ClientSampleId :
FS-SB16(45-46)

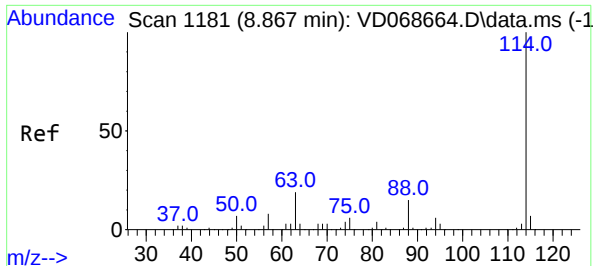
Tgt Ion:168 Resp: 35367
Ion Ratio Lower Upper
168 100
99 49.4 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 73.45 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068739.D
Acq: 31 Mar 2021 15:42

Tgt Ion: 65 Resp: 26193
Ion Ratio Lower Upper
65 100
67 48.9 0.0 106.0

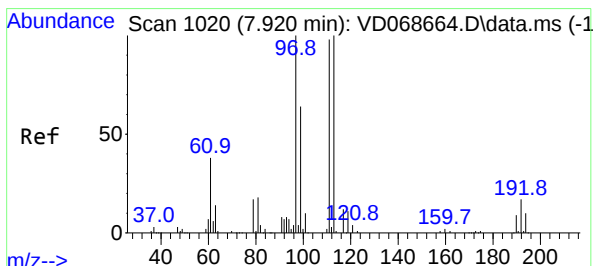
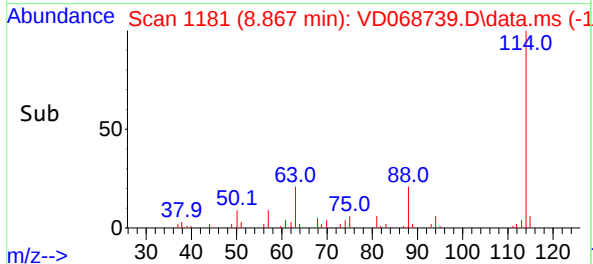
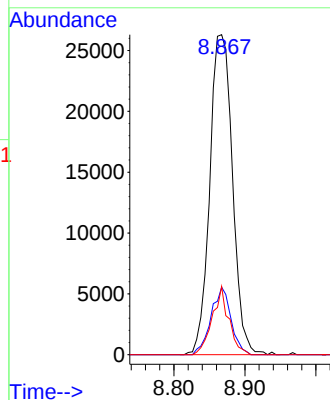
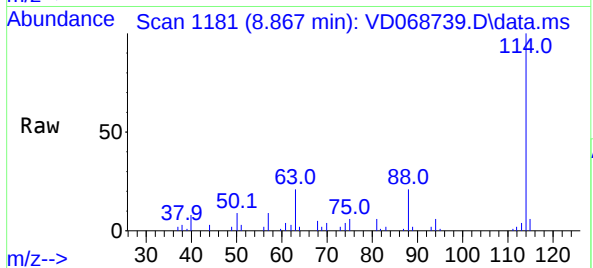




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068739.D
Acq: 31 Mar 2021 15:42

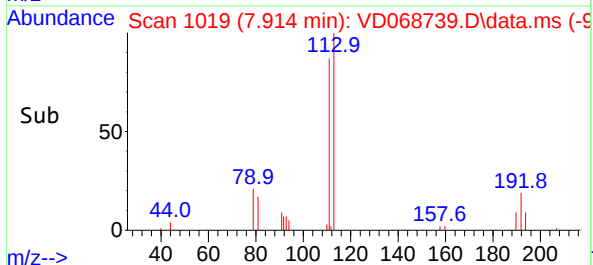
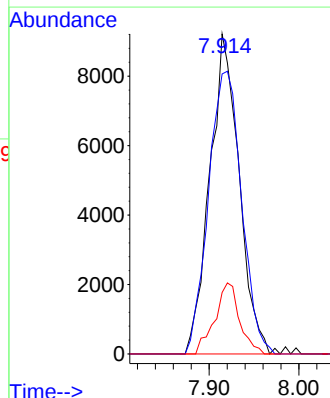
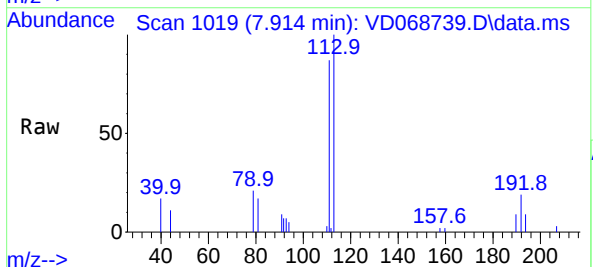
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FS-SB16(45-46)

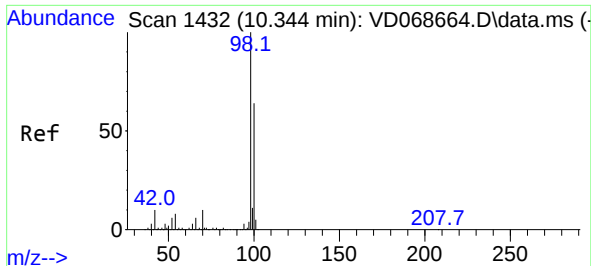
Tgt Ion:	114	Resp:	58414
Ion Ratio	Lower	Upper	
114	100		
63	21.1	0.0	38.2
88	21.3	0.0	29.4



#35
Dibromofluoromethane
Concen: 57.58 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068739.D
Acq: 31 Mar 2021 15:42

Tgt Ion:	113	Resp:	20927
Ion Ratio	Lower	Upper	
113	100		
111	99.5	82.5	123.7
192	18.7	15.1	22.7

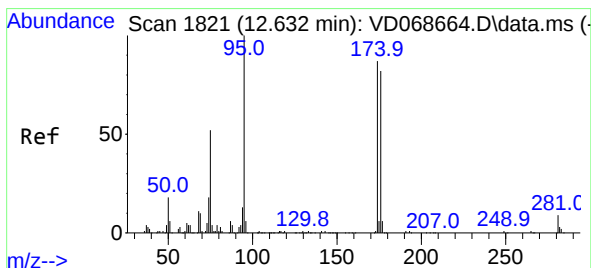
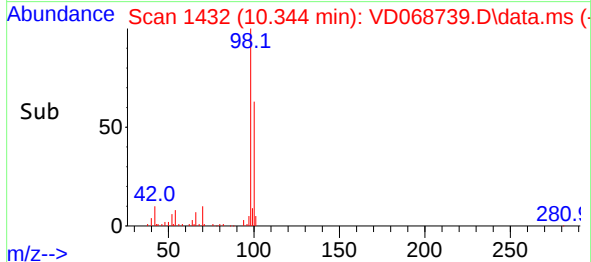
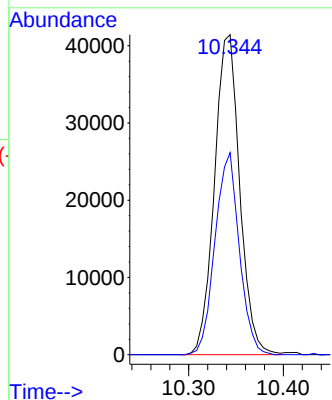
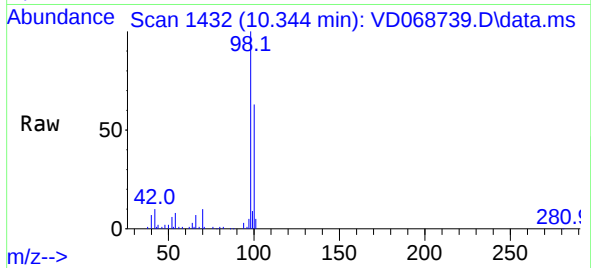




#50
Toluene-d8
Concen: 54.88 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068739.D
Acq: 31 Mar 2021 15:42

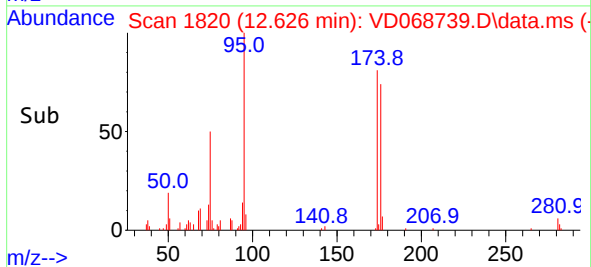
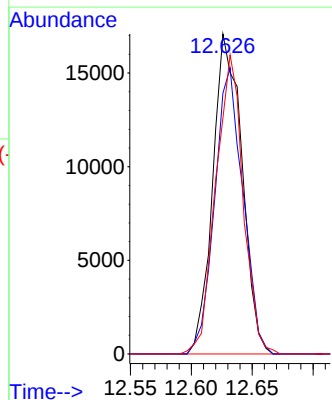
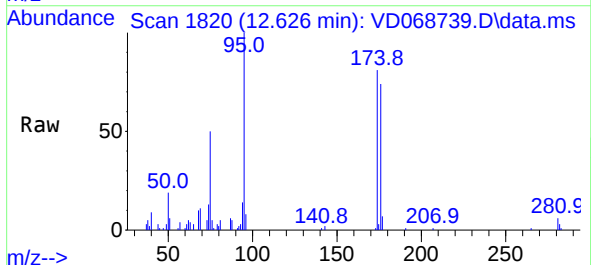
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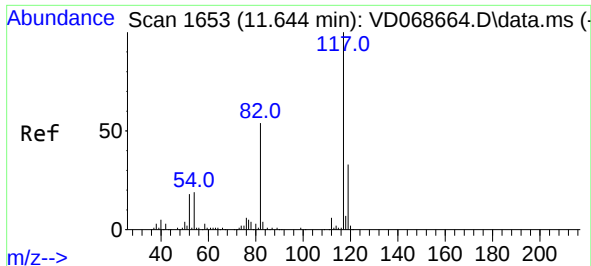
Tgt Ion: 98 Resp: 76906
Ion Ratio Lower Upper
98 100
100 60.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 62.53 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD068739.D
Acq: 31 Mar 2021 15:42

Tgt Ion: 95 Resp: 28406
Ion Ratio Lower Upper
95 100
174 86.9 0.0 168.0
176 88.1 0.0 160.2

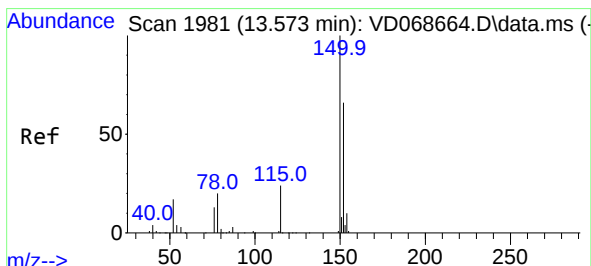
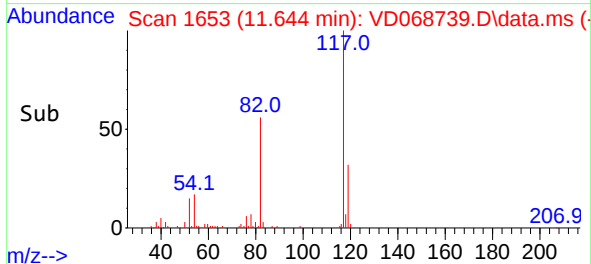
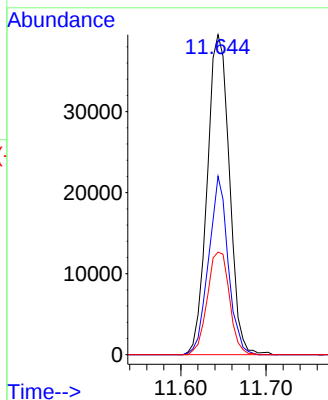
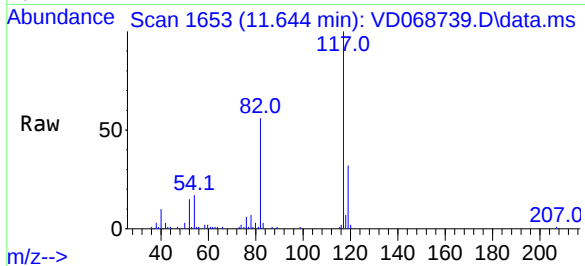




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068739.D
Acq: 31 Mar 2021 15:42

Instrument :
MSVOA_D
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FS-SB16(45-46)

Tgt Ion:	117	Resp:	71490
Ion	Ratio	Lower	Upper
117	100		
82	55.8	43.5	65.3
119	32.0	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: VD068739.D
Acq: 31 Mar 2021 15:42

Tgt Ion:	152	Resp:	36012
Ion	Ratio	Lower	Upper
152	100		
115	56.0	29.3	87.8
150	150.4	0.0	347.6

