

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022321\
 Data File : VD068423.D
 Acq On : 23 Feb 2021 13:51
 Operator : VA/SY
 Sample : M1422-01
 Misc : 7.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-03-021621

Quant Time: Feb 23 14:14:04 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	7.985	168	115828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	207314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	212546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	100041	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	84028	70.96	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.92%	
35) Dibromofluoromethane	7.915	113	69094	56.15	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.30%	
50) Toluene-d8	10.344	98	261268	51.22	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.44%	
62) 4-Bromofluorobenzene	12.632	95	93333	56.18	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.36%	

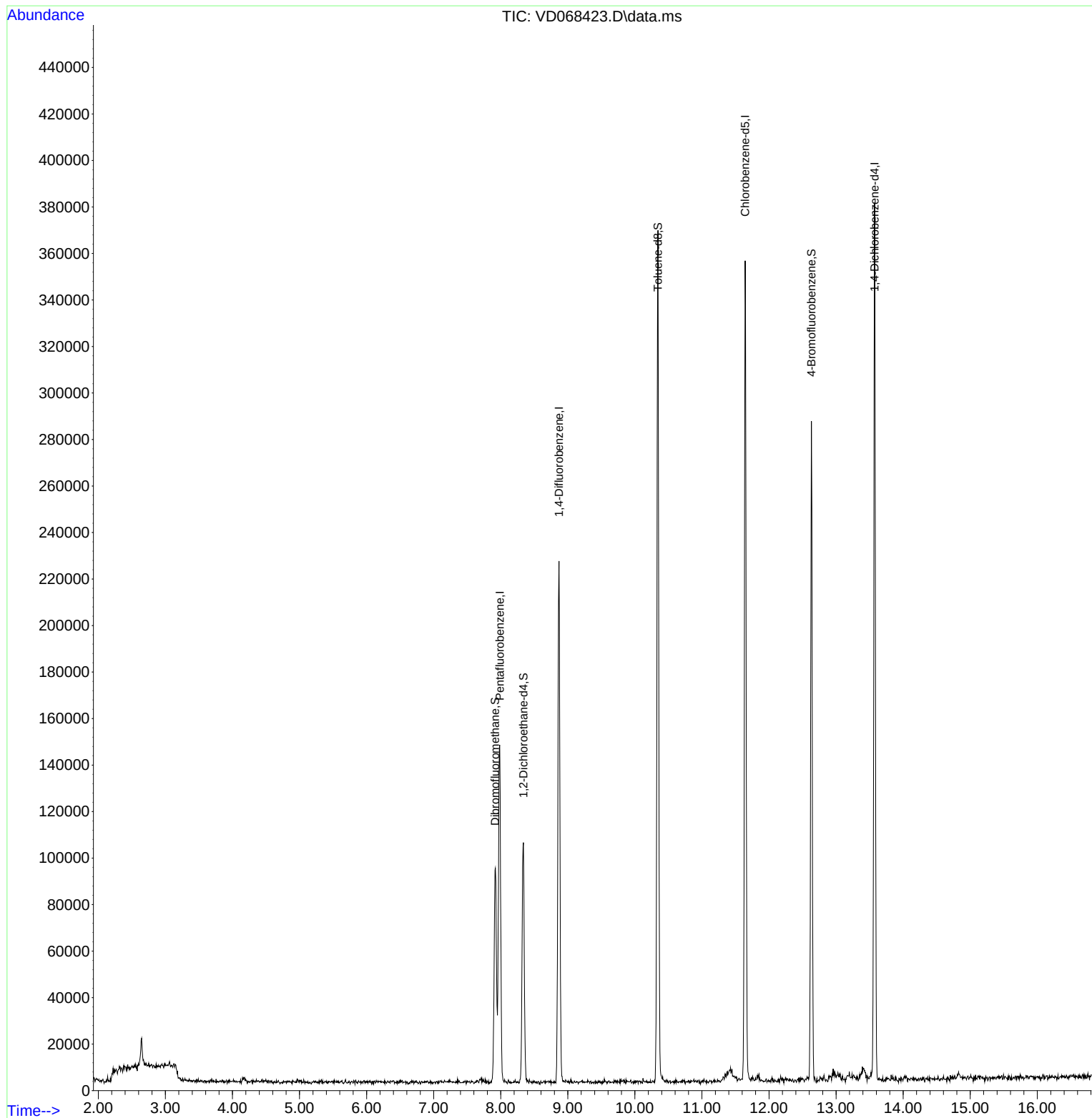
Target Compounds	Qvalue

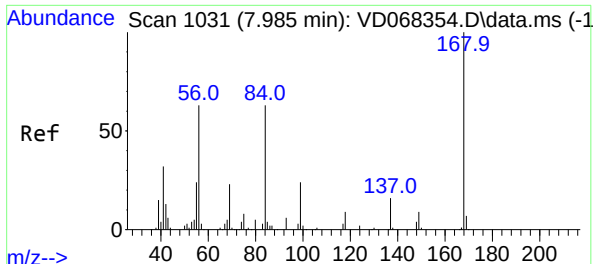
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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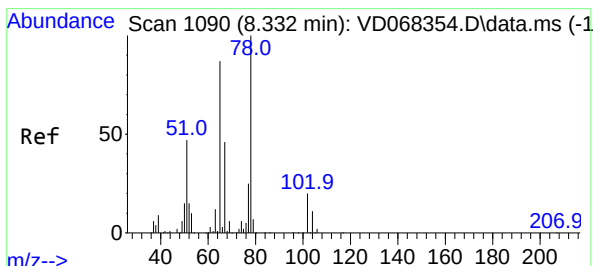
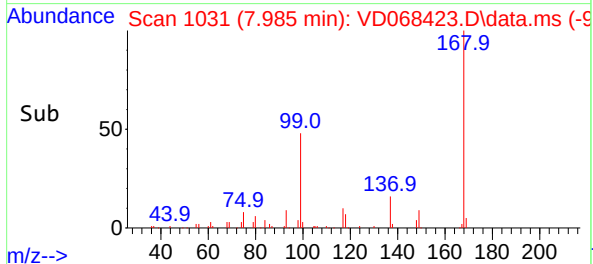
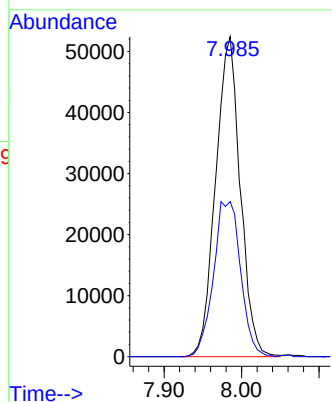
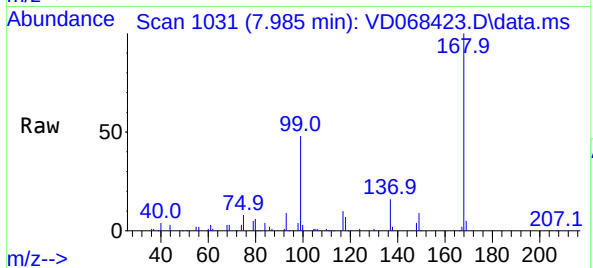




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068423.D
Acq: 23 Feb 2021 13:51

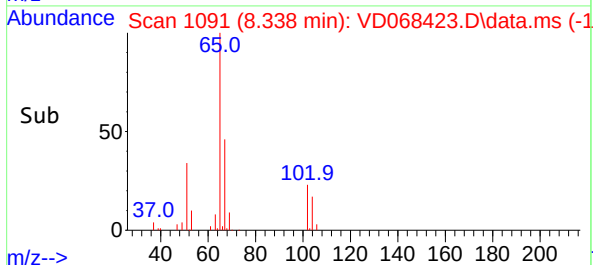
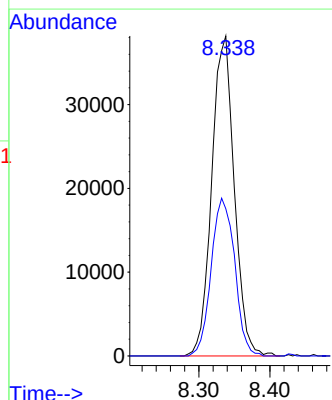
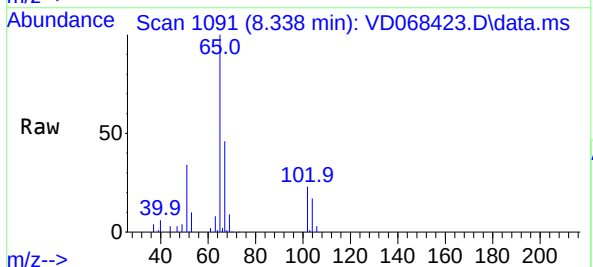
Instrument :
MSVOA_D
ClientSampleId :
BU-03-021621

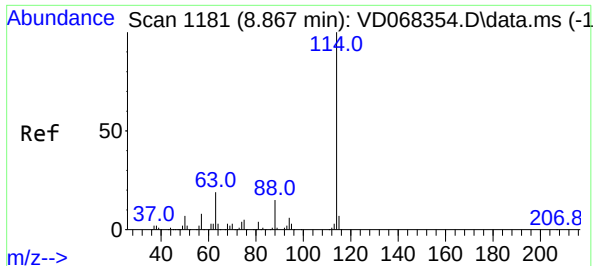
Tgt Ion:168 Resp: 115828
Ion Ratio Lower Upper
168 100
99 48.5 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 70.96 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068423.D
Acq: 23 Feb 2021 13:51

Tgt Ion: 65 Resp: 84028
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.0





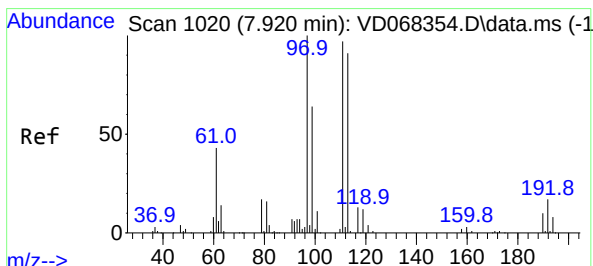
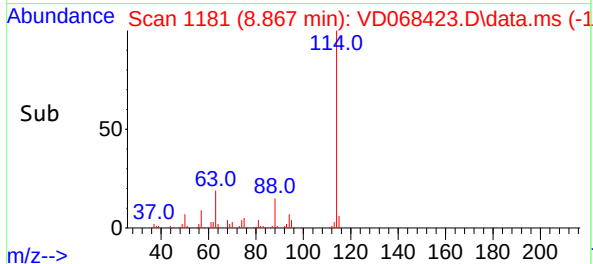
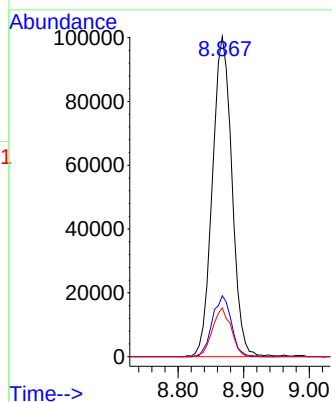
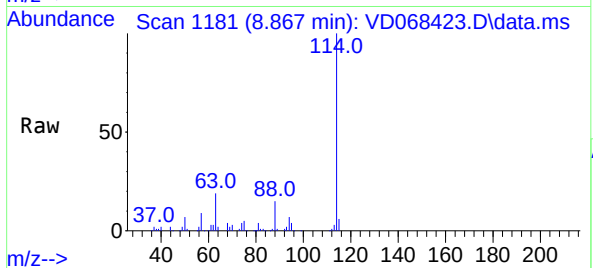
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068423.D
Acq: 23 Feb 2021 13:51

Instrument :
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ClientSampleId :
BU-03-021621

Tgt Ion:114 Resp: 207314

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	34.8
88	15.3	0.0	31.6

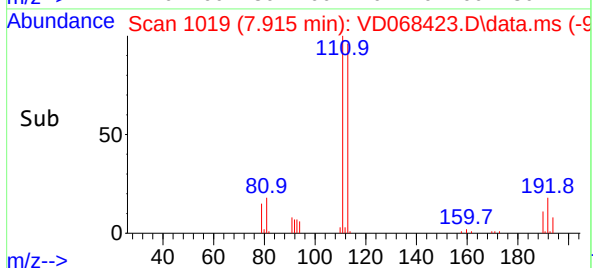
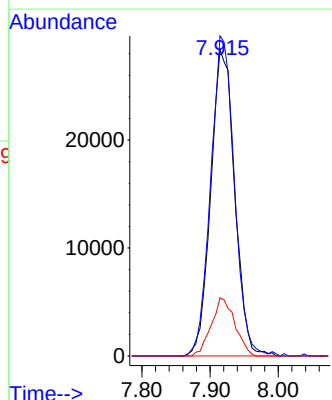
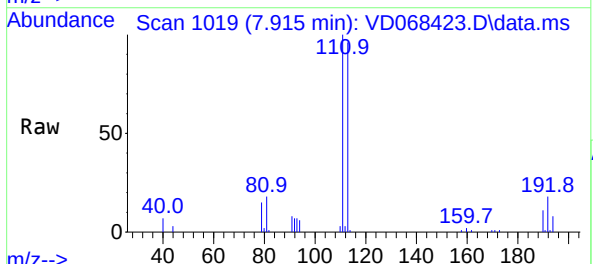


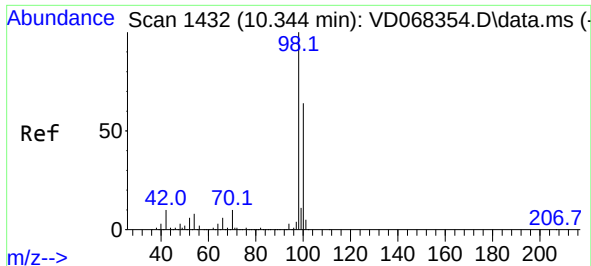
#35

Dibromofluoromethane
Concen: 56.15 ug/l
RT: 7.915 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068423.D
Acq: 23 Feb 2021 13:51

Tgt Ion:113 Resp: 69094

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.4	122.0
192	18.7	16.1	24.1

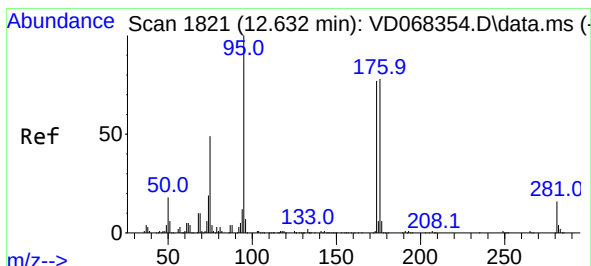
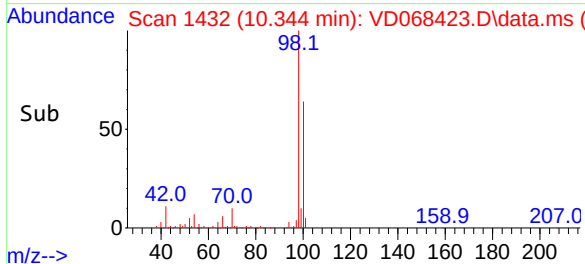
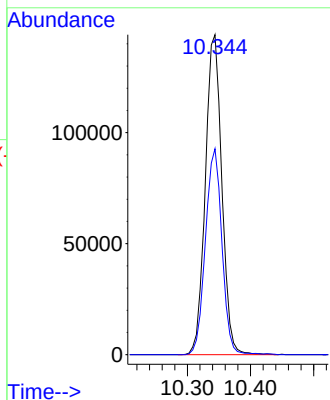
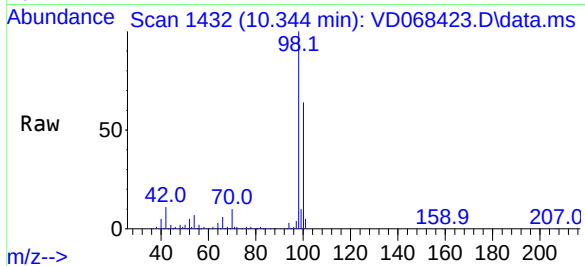




#50
Toluene-d8
Concen: 51.22 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068423.D
Acq: 23 Feb 2021 13:51

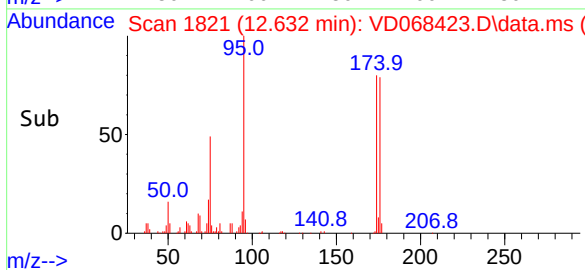
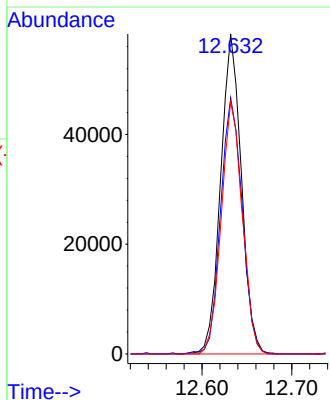
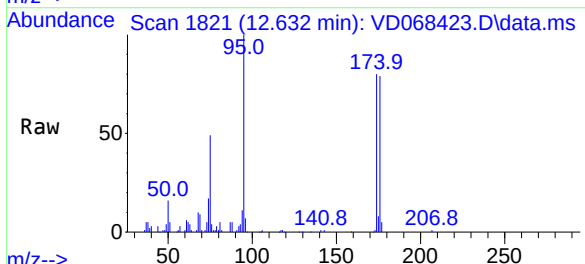
Instrument :
MSVOA_D
ClientSampleId :
BU-03-021621

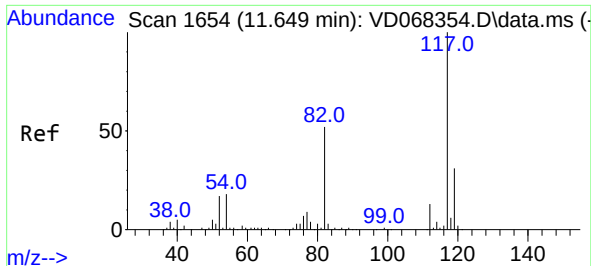
Tgt Ion: 98 Resp: 261268
Ion Ratio Lower Upper
98 100
100 64.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.18 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068423.D
Acq: 23 Feb 2021 13:51

Tgt Ion: 95 Resp: 93333
Ion Ratio Lower Upper
95 100
174 83.5 0.0 172.4
176 79.8 0.0 168.4

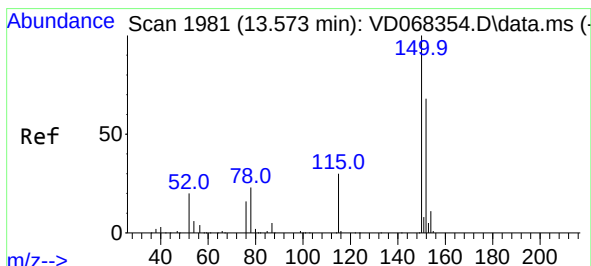
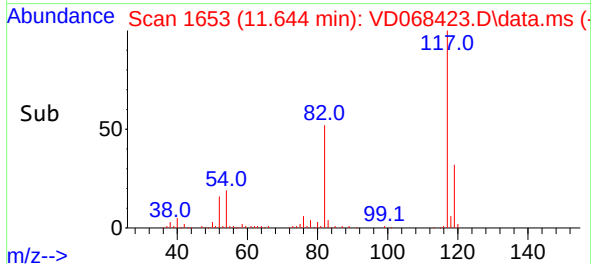
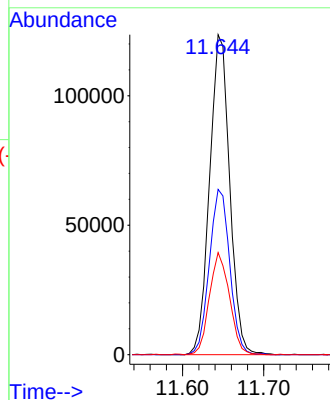
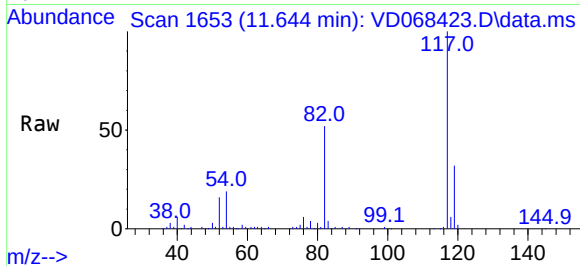




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068423.D
Acq: 23 Feb 2021 13:51

Instrument :
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ClientSampleId :
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Tgt Ion:	117	Resp:	212546
Ion Ratio	Lower	Upper	
117	100		
82	51.6	41.4	62.0
119	31.8	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: VD068423.D
Acq: 23 Feb 2021 13:51

Tgt Ion:	152	Resp:	100041
Ion Ratio	Lower	Upper	
152	100		
115	57.6	28.9	86.8
150	160.8	0.0	344.4

