

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022321\
 Data File : VD068421.D
 Acq On : 23 Feb 2021 12:54
 Operator : VA/SY
 Sample : M1460-01
 Misc : 3.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-022221

Quant Time: Feb 23 14:06:13 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)

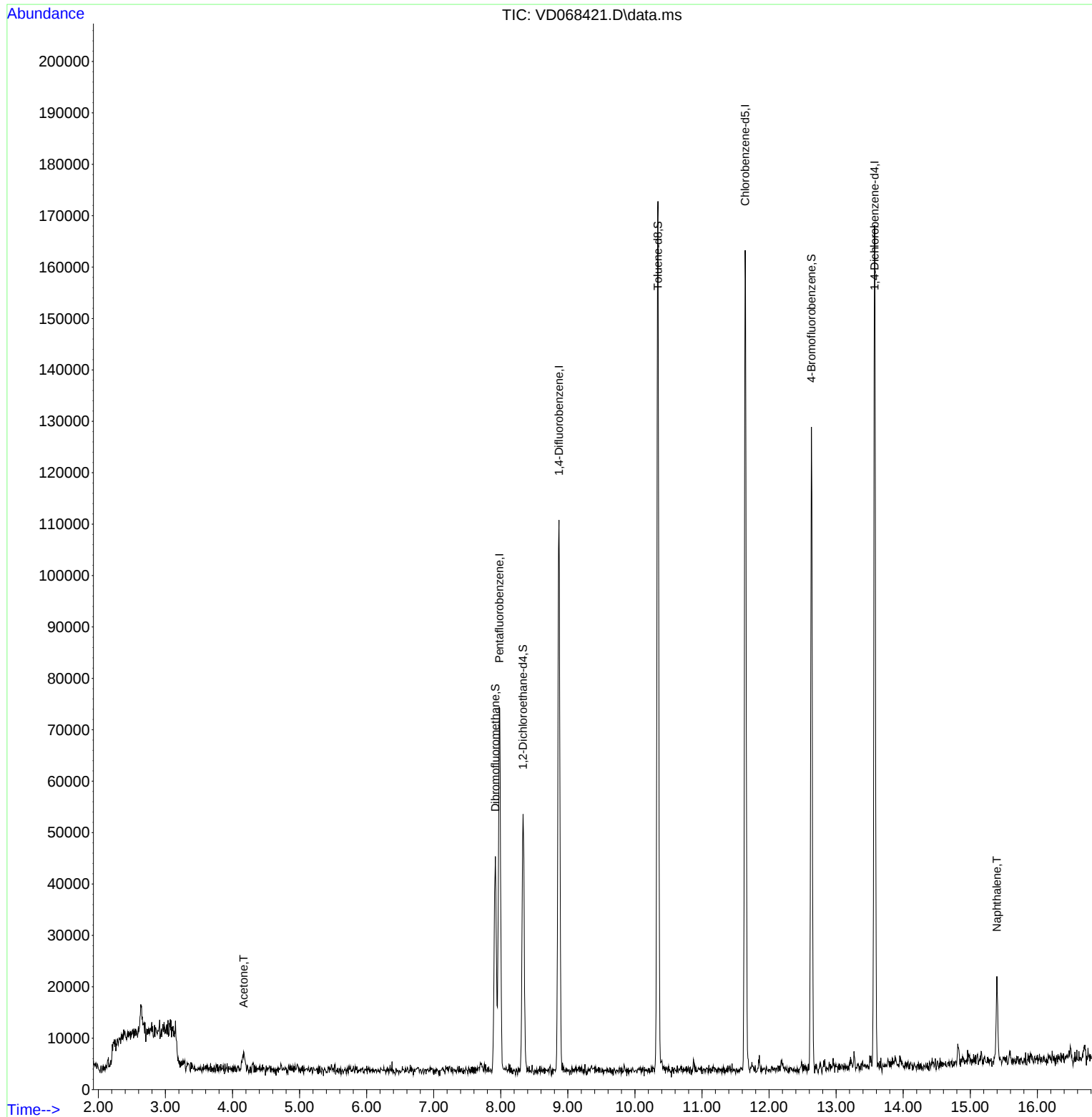
Internal Standards						
1) Pentafluorobenzene	7.979	168	54778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	98228	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	98396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	45594	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	40662	72.61	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.22%
35) Dibromofluoromethane	7.920	113	30667	52.60	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.20%
50) Toluene-d8	10.344	98	123931	51.28	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.56%
62) 4-Bromofluorobenzene	12.632	95	42112	53.50	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.00%
Target Compounds						
16) Acetone	4.167	43	5137	59.46	ug/l	97
95) Naphthalene	15.396	128	14501	9.54	ug/l	97

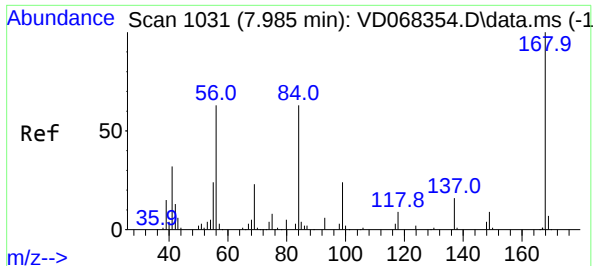
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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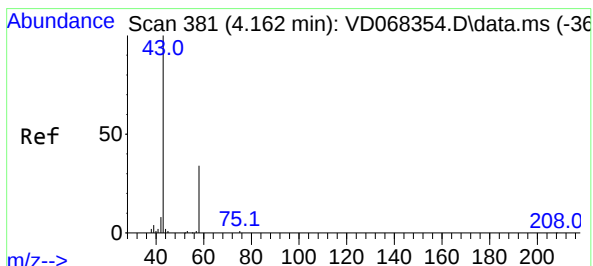
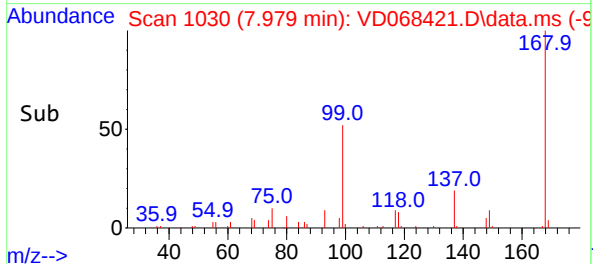
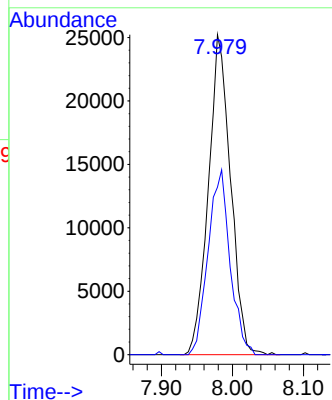
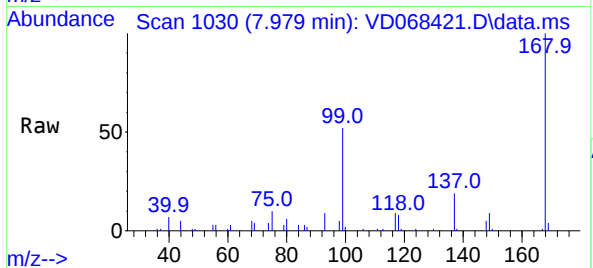




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068421.D
Acq: 23 Feb 2021 12:54

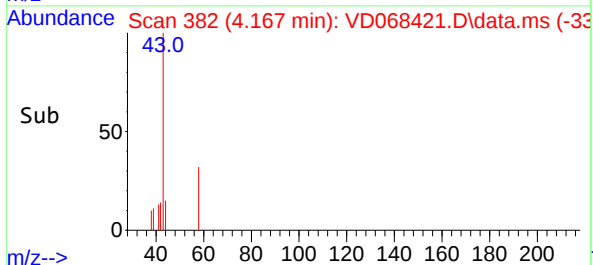
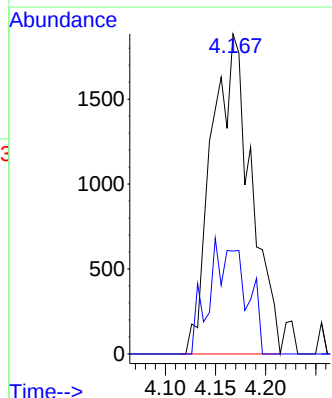
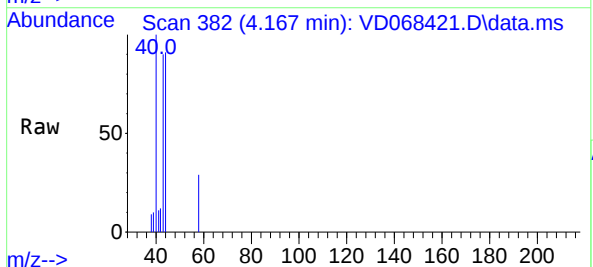
Instrument :
MSVOA_D
ClientSampleId :
HD-01-022221

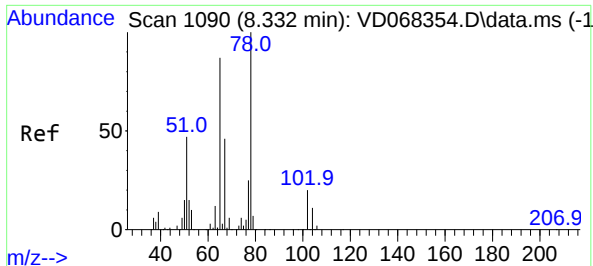
Tgt Ion:168 Resp: 54778
Ion Ratio Lower Upper
168 100
99 52.4 43.5 65.3



#16
Acetone
Concen: 59.46 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068421.D
Acq: 23 Feb 2021 12:54

Tgt Ion: 43 Resp: 5137
Ion Ratio Lower Upper
43 100
58 32.1 24.2 36.4

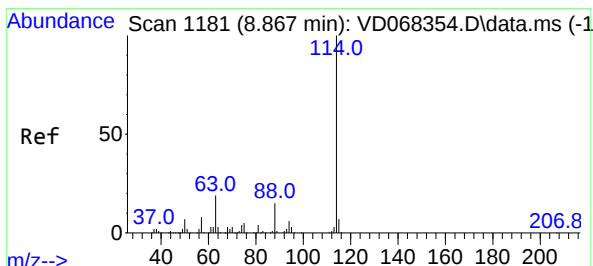
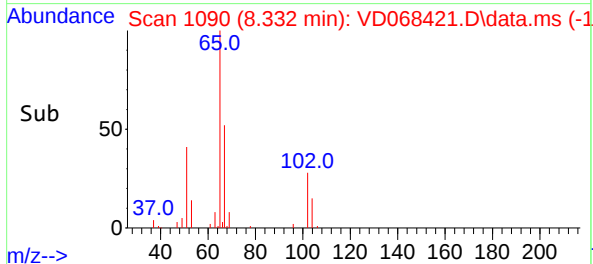
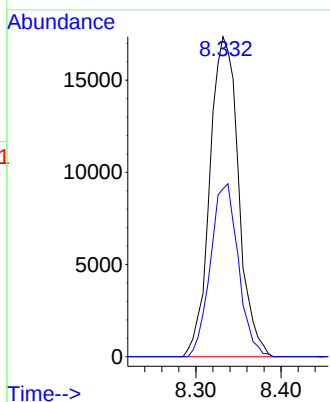
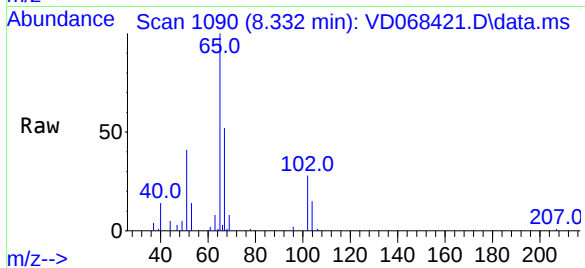




#33
1,2-Dichloroethane-d4
Concen: 72.61 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068421.D
Acq: 23 Feb 2021 12:54

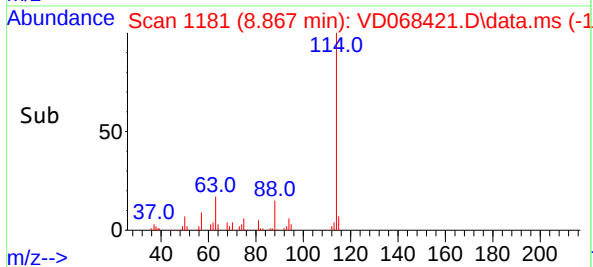
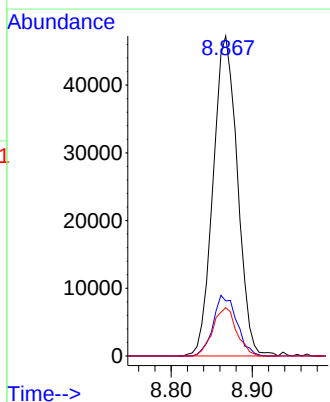
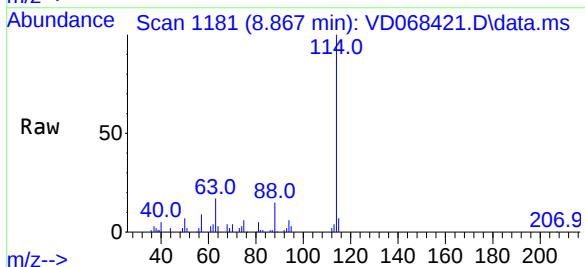
Instrument :
MSVOA_D
ClientSampleId :
HD-01-022221

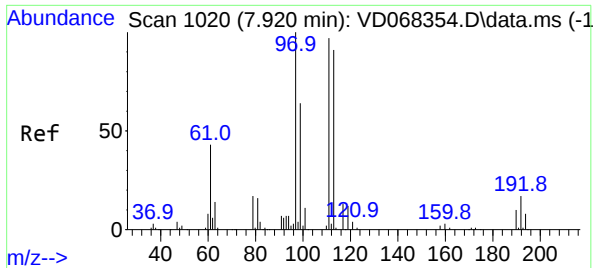
Tgt Ion: 65 Resp: 40662
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068421.D
Acq: 23 Feb 2021 12:54

Tgt Ion: 114 Resp: 98228
Ion Ratio Lower Upper
114 100
63 17.2 0.0 34.8
88 15.1 0.0 31.6

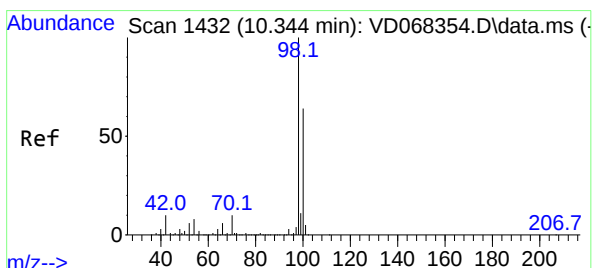
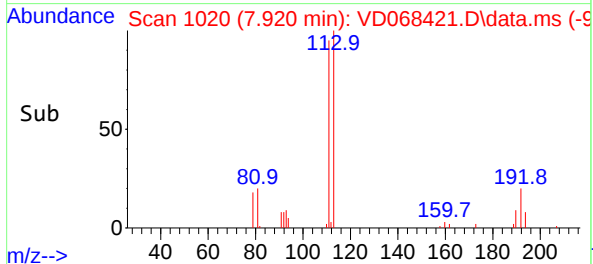
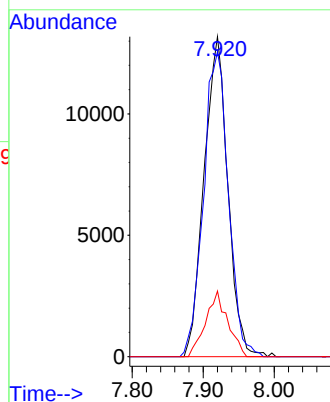
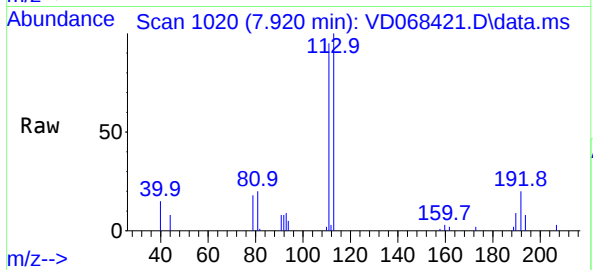




#35
Dibromofluoromethane
Concen: 52.60 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068421.D
Acq: 23 Feb 2021 12:54

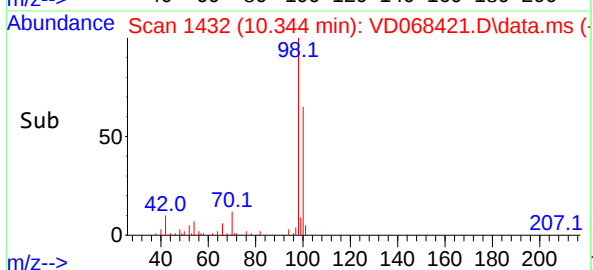
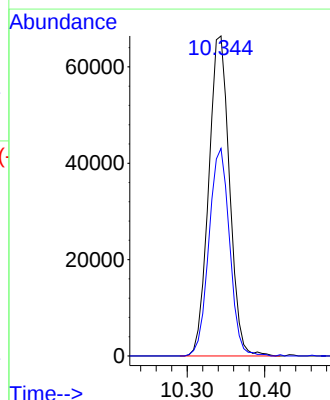
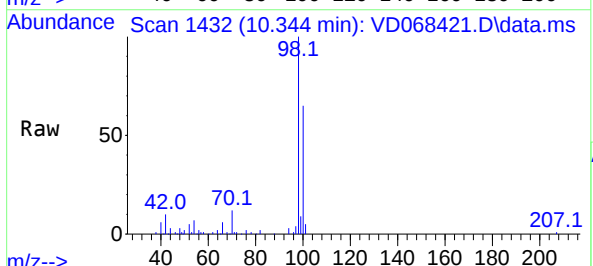
Instrument :
MSVOA_D
ClientSampleId :
HD-01-022221

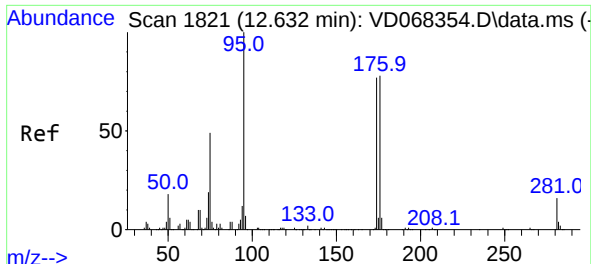
Tgt Ion:113 Resp: 30667
Ion Ratio Lower Upper
113 100
111 99.7 81.4 122.0
192 19.1 16.1 24.1



#50
Toluene-d8
Concen: 51.28 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068421.D
Acq: 23 Feb 2021 12:54

Tgt Ion: 98 Resp: 123931
Ion Ratio Lower Upper
98 100
100 64.3 53.0 79.4

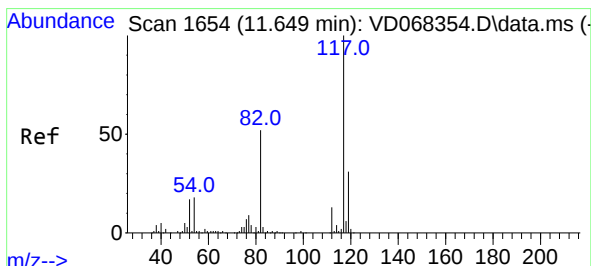
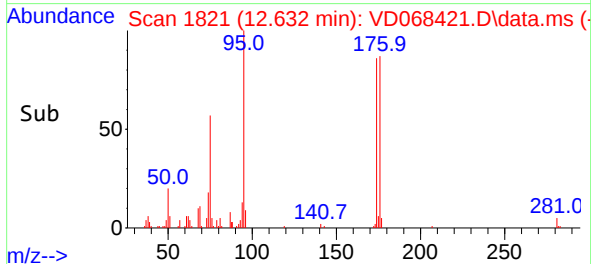
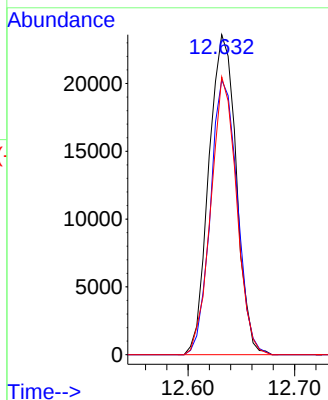
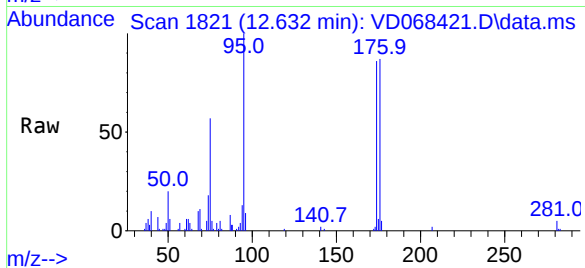




#62
4-Bromofluorobenzene
Concen: 53.50 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068421.D
Acq: 23 Feb 2021 12:54

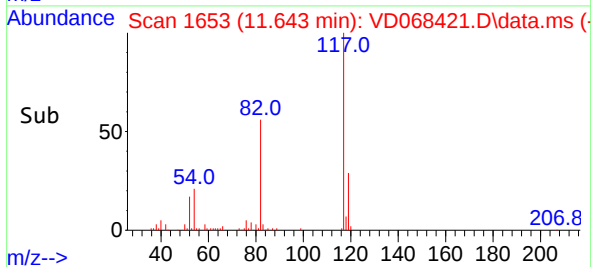
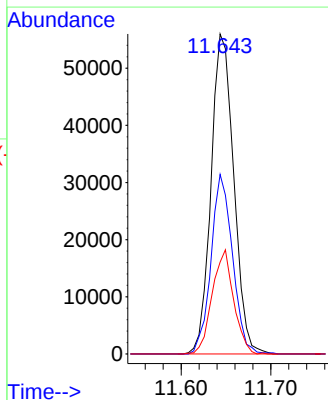
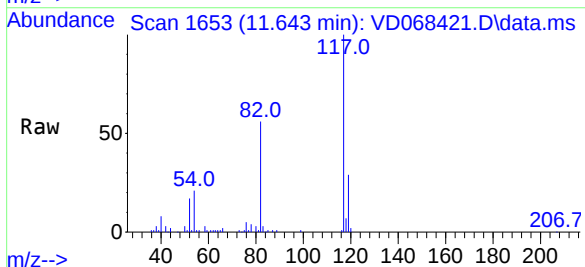
Instrument :
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ClientSampleId :
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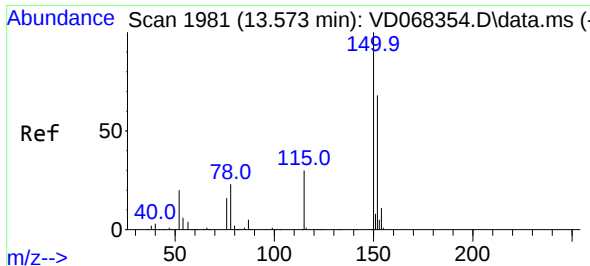
Tgt Ion:	95	Resp:	42112
Ion	Ratio	Lower	Upper
95	100		
174	84.1	0.0	172.4
176	81.5	0.0	168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068421.D
Acq: 23 Feb 2021 12:54

Tgt Ion:	117	Resp:	98396
Ion	Ratio	Lower	Upper
117	100		
82	56.1	41.4	62.0
119	28.7	26.1	39.1

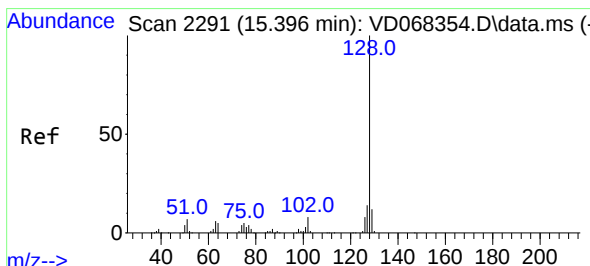
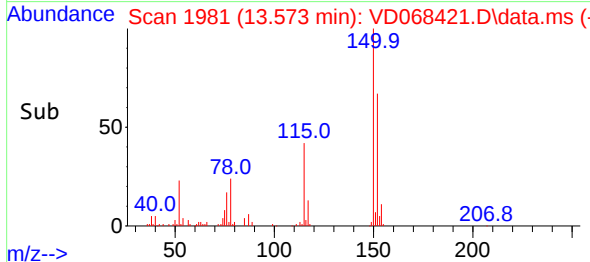
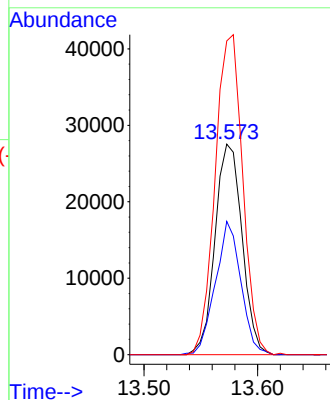
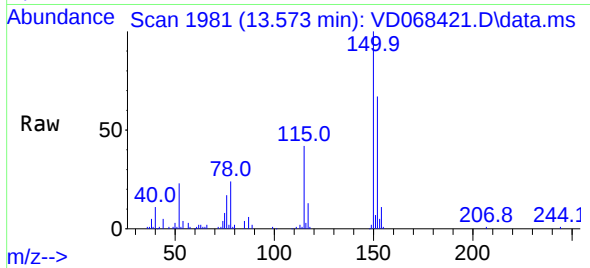




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068421.D
Acq: 23 Feb 2021 12:54

Instrument :
MSVOA_D
ClientSampleID :
HD-01-022221

Tgt Ion:152 Resp: 45594
Ion Ratio Lower Upper
152 100
115 59.7 28.9 86.8
150 155.0 0.0 344.4



#95
Naphthalene
Concen: 9.54 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.000 min
Lab File: VD068421.D
Acq: 23 Feb 2021 12:54

Tgt Ion:128 Resp: 14501
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.2
129 12.6 8.8 13.2

