

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030321\
 Data File : VD068508.D
 Acq On : 03 Mar 2021 13:00
 Operator : VA/SY
 Sample : M1537-01
 Misc : 7.15G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-01-030221

Quant Time: Mar 04 00:02:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

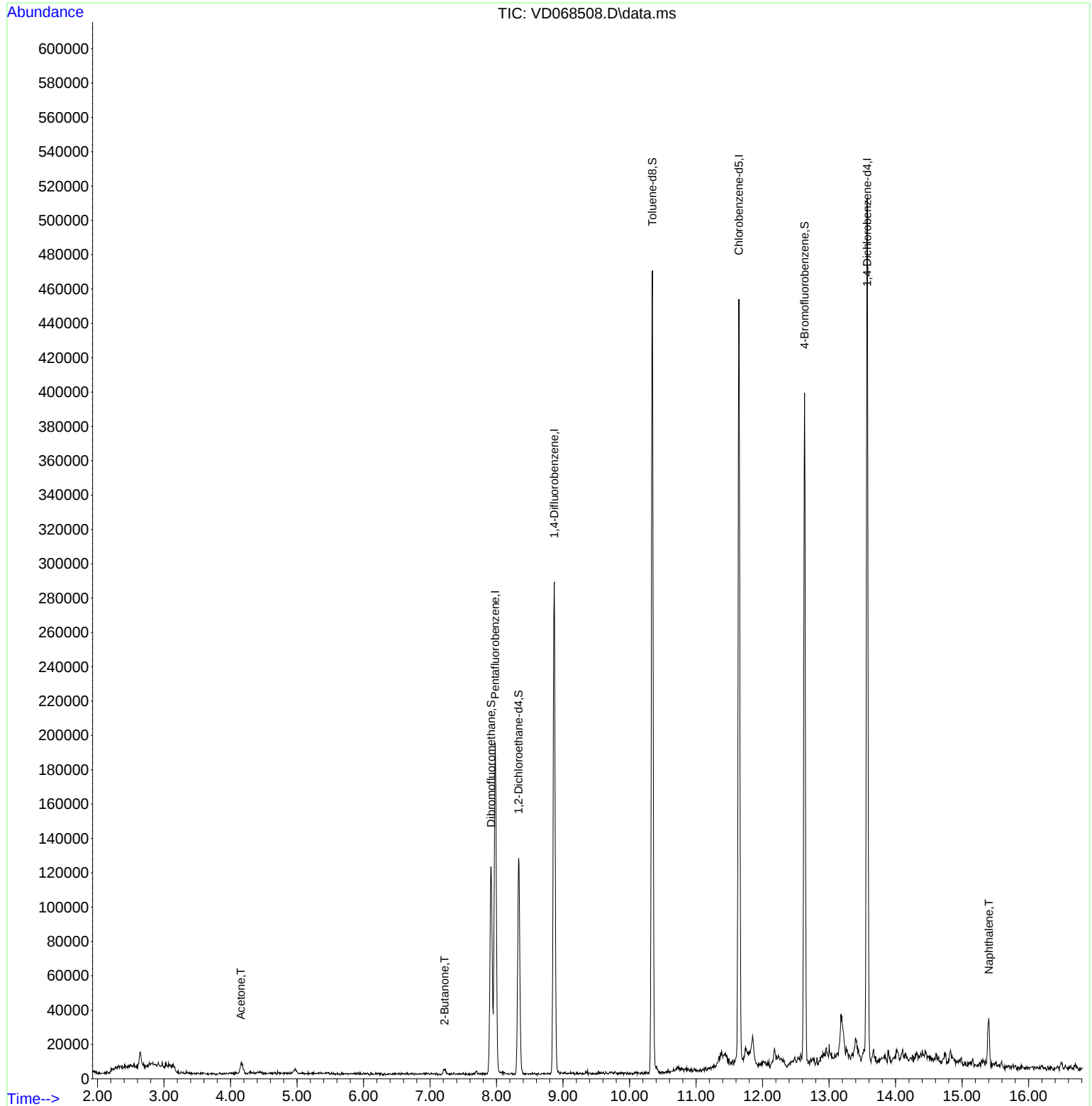
Internal Standards						
1) Pentafluorobenzene	7.979	168	149840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	262206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	273816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	135898	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	100181	66.92	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.84%
35) Dibromofluoromethane	7.920	113	87860	55.62	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.24%
50) Toluene-d8	10.344	98	332749	52.89	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.78%
62) 4-Bromofluorobenzene	12.632	95	125710	62.00	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	124.00%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	10780	45.33	ug/l #	82
25) 2-Butanone	7.220	43	4406	12.89	ug/l	91
95) Naphthalene	15.402	128	27351	5.13	ug/l #	94

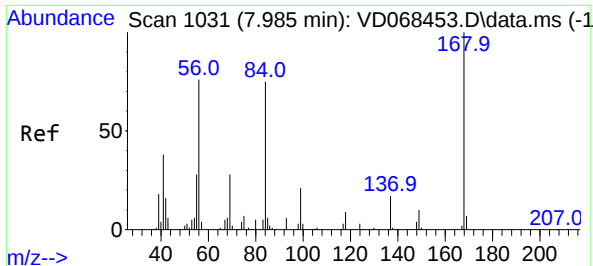
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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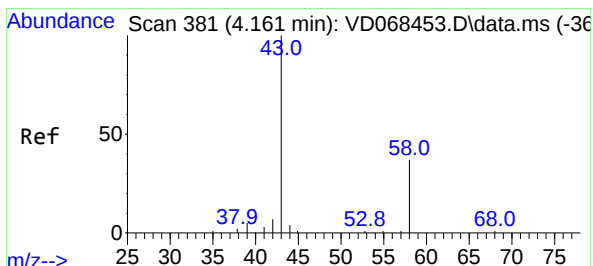
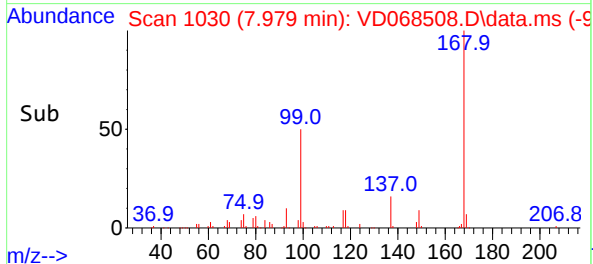
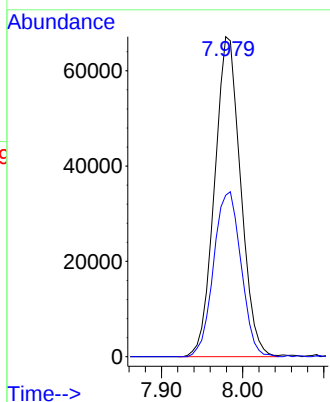
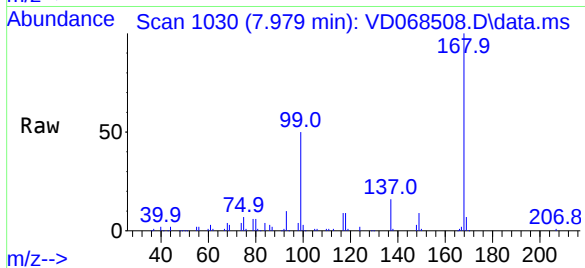




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068508.D
Acq: 03 Mar 2021 13:00

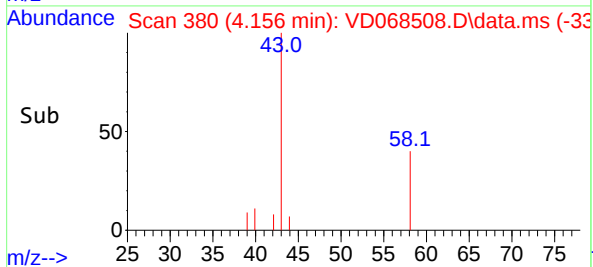
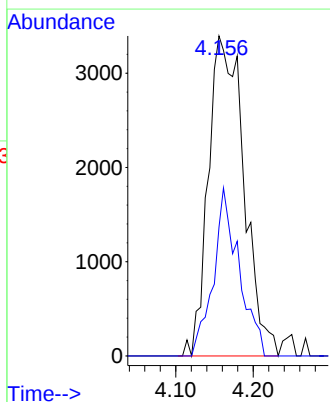
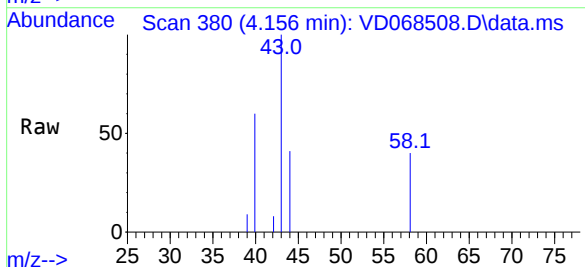
Instrument :
MSVOA_D
ClientSampleId :
BU-01-030221

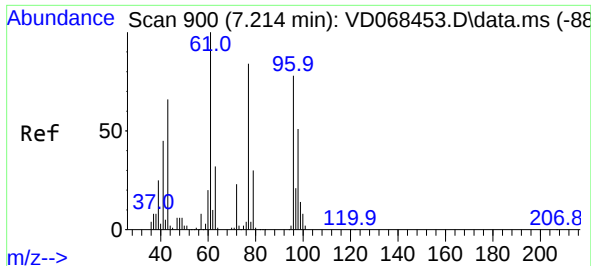
Tgt Ion:168 Resp: 149840
Ion Ratio Lower Upper
168 100
99 50.4 43.5 65.3



#16
Acetone
Concen: 45.33 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068508.D
Acq: 03 Mar 2021 13:00

Tgt Ion: 43 Resp: 10780
Ion Ratio Lower Upper
43 100
58 40.3 24.2 36.4#

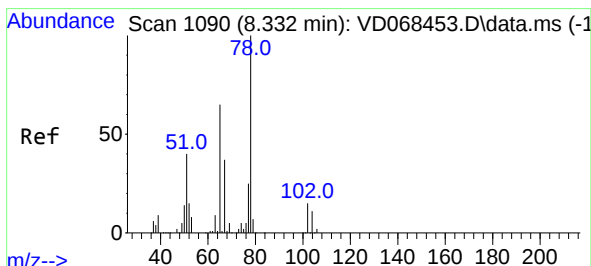
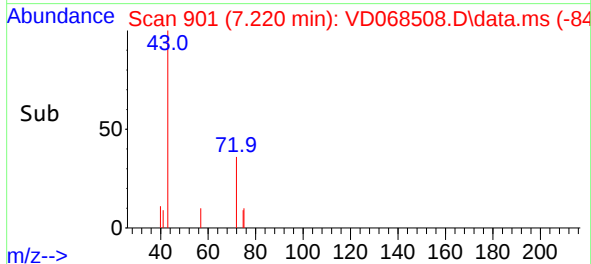
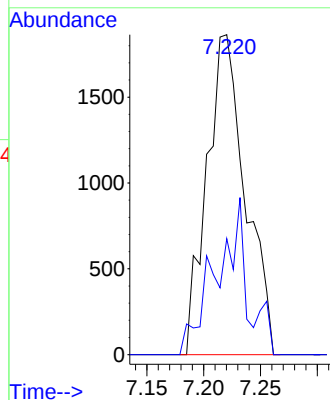
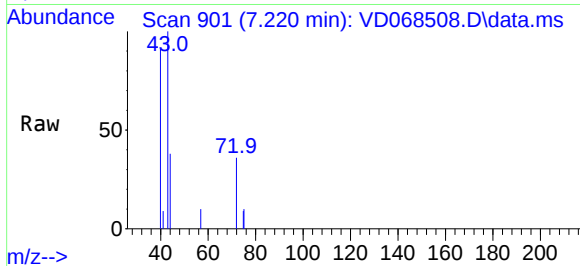




#25
2-Butanone
Concen: 12.89 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068508.D
Acq: 03 Mar 2021 13:00

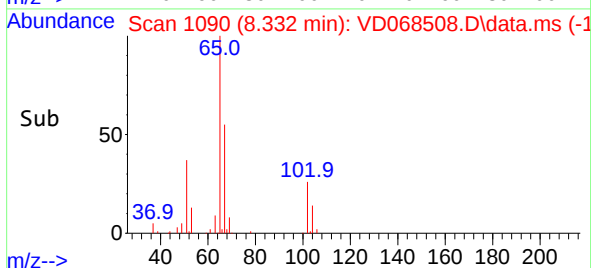
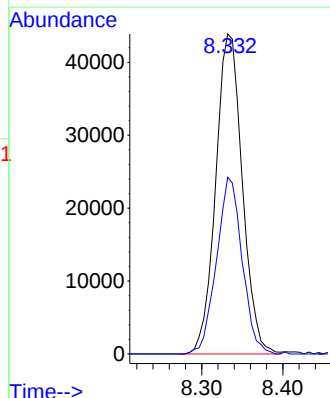
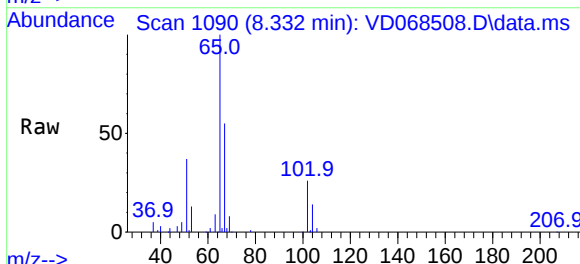
Instrument :
MSVOA_D
ClientSampleId :
BU-01-030221

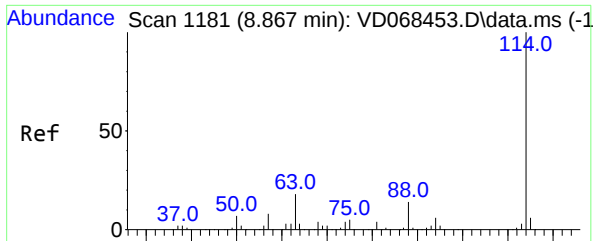
Tgt Ion: 43 Resp: 4406
Ion Ratio Lower Upper
43 100
72 36.3 25.1 37.7



#33
1,2-Dichloroethane-d4
Concen: 66.92 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068508.D
Acq: 03 Mar 2021 13:00

Tgt Ion: 65 Resp: 100181
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.0

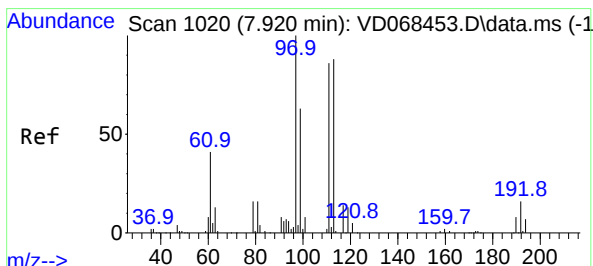
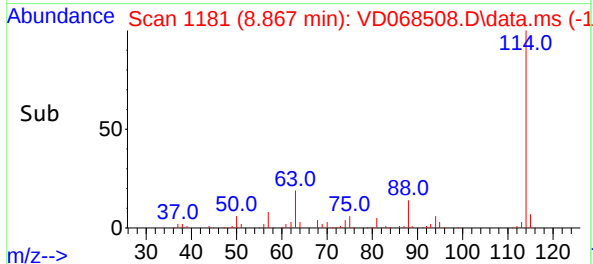
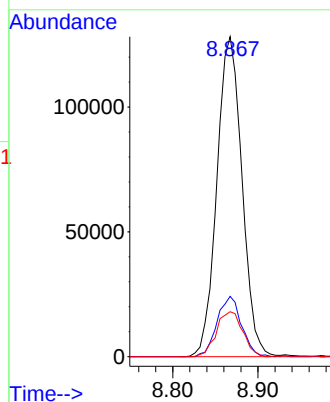
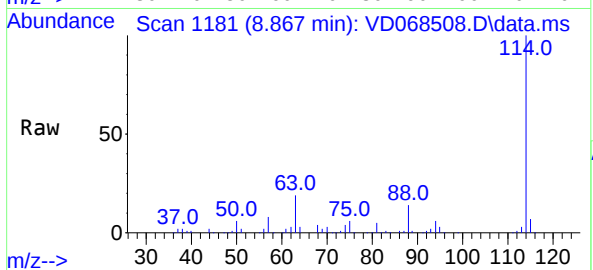




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068508.D
Acq: 03 Mar 2021 13:00

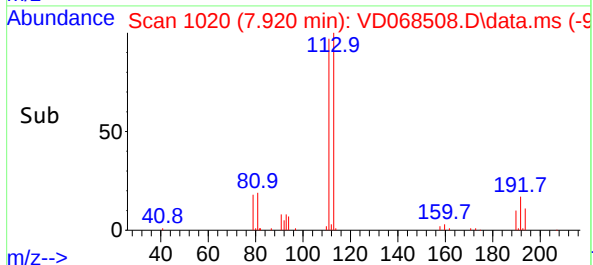
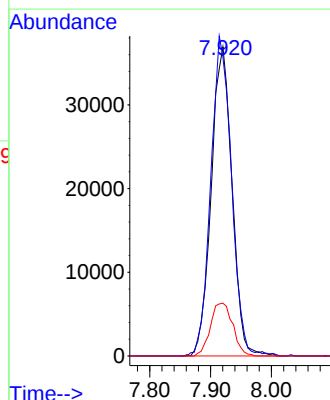
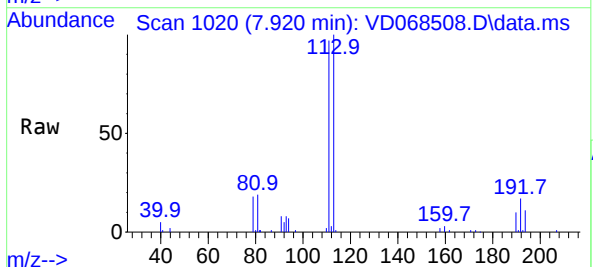
Instrument :
MSVOA_D
ClientSampleId :
BU-01-030221

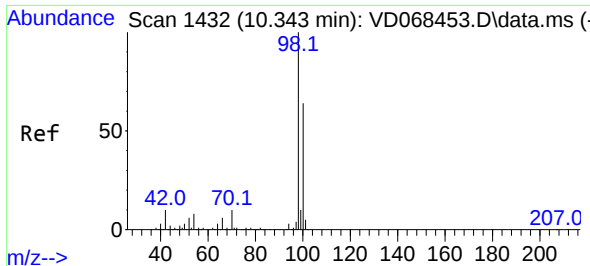
Tgt Ion:114 Resp: 262206
Ion Ratio Lower Upper
114 100
63 18.9 0.0 34.8
88 14.0 0.0 31.6



#35
Dibromofluoromethane
Concen: 55.62 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068508.D
Acq: 03 Mar 2021 13:00

Tgt Ion:113 Resp: 87860
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 18.3 16.1 24.1

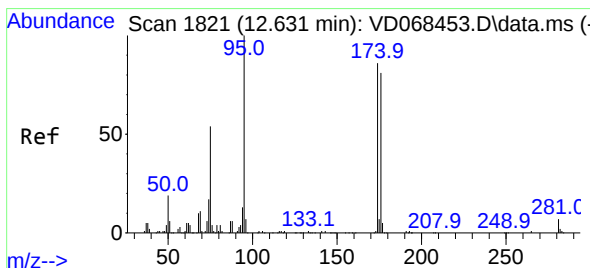
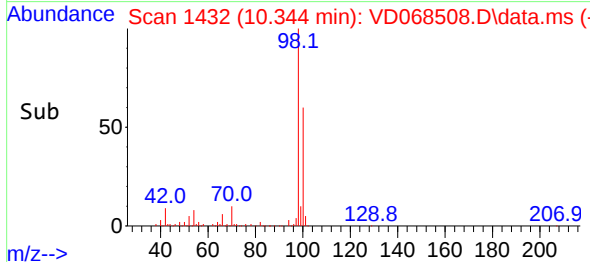
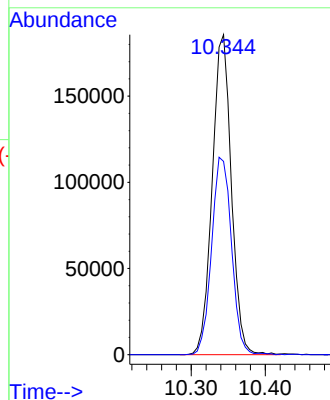
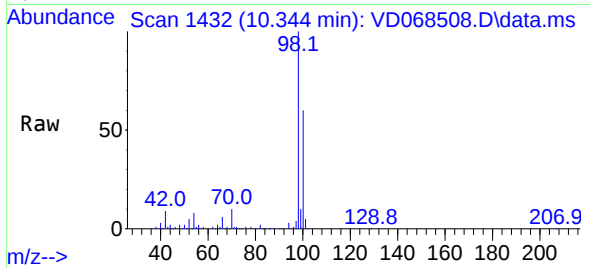




#50
Toluene-d8
Concen: 52.89 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068508.D
Acq: 03 Mar 2021 13:00

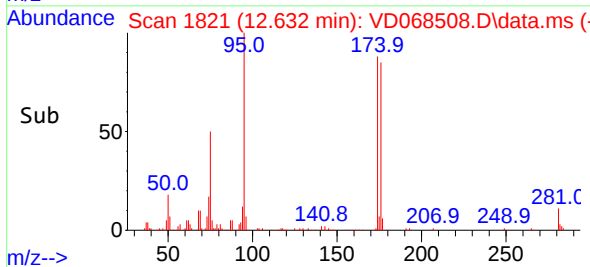
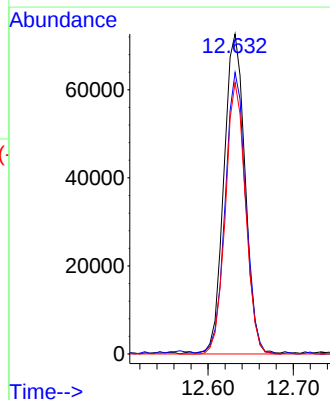
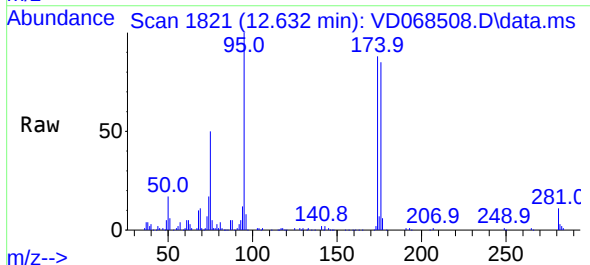
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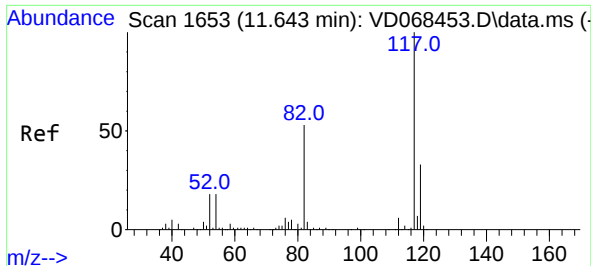
Tgt Ion: 98 Resp: 332749
Ion Ratio Lower Upper
98 100
100 64.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 62.00 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068508.D
Acq: 03 Mar 2021 13:00

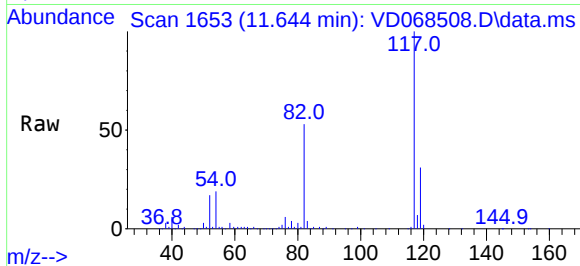
Tgt Ion: 95 Resp: 125710
Ion Ratio Lower Upper
95 100
174 85.2 0.0 172.4
176 80.3 0.0 168.4



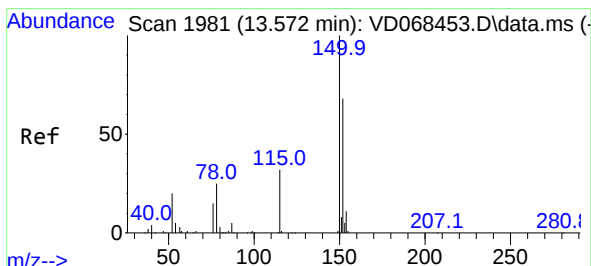
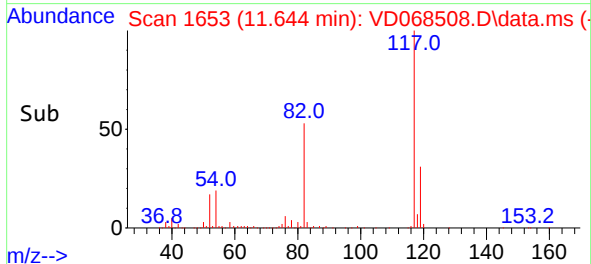
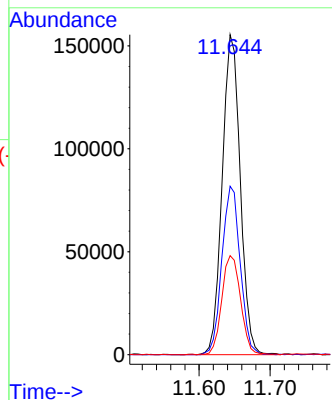


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068508.D
Acq: 03 Mar 2021 13:00

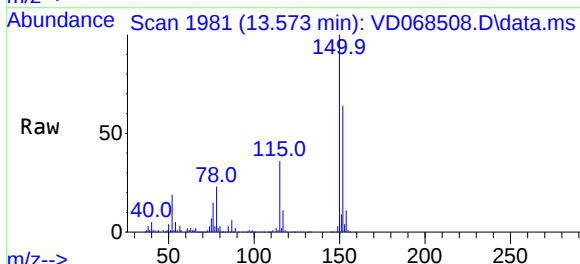
Instrument :
MSVOA_D
ClientSampleId :
BU-01-030221



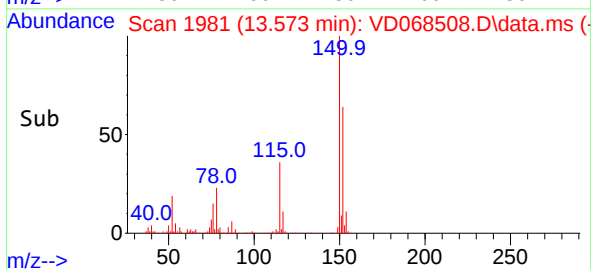
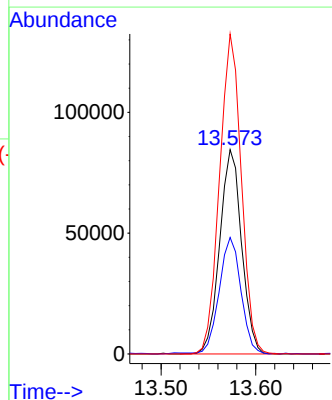
Tgt Ion:	117	Resp:	273816
Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.4	62.0
119	31.0	26.1	39.1

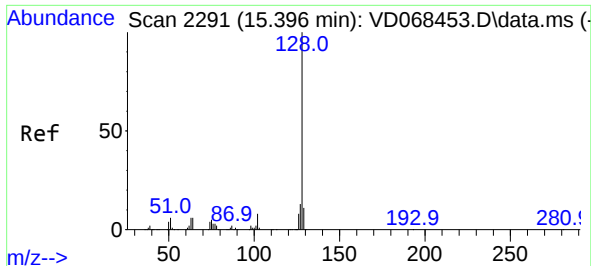


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068508.D
Acq: 03 Mar 2021 13:00



Tgt Ion:	152	Resp:	135898
Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.9	86.8
150	155.8	0.0	344.4





#95
Naphthalene
Concen: 5.13 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.006 min
Lab File: VD068508.D
Acq: 03 Mar 2021 13:00

Instrument :
MSVOA_D
ClientSampleId :
BU-01-030221

Tgt Ion:128 Resp: 27351
Ion Ratio Lower Upper
128 100
127 13.8 10.2 15.2
129 14.5 8.8 13.2#

