

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
 Data File : VD068967.D
 Acq On : 23 Apr 2021 15:04
 Operator : VA/SY
 Sample : M2107-22
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-35-10.5-11.0

Quant Time: Apr 26 07:56:07 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)

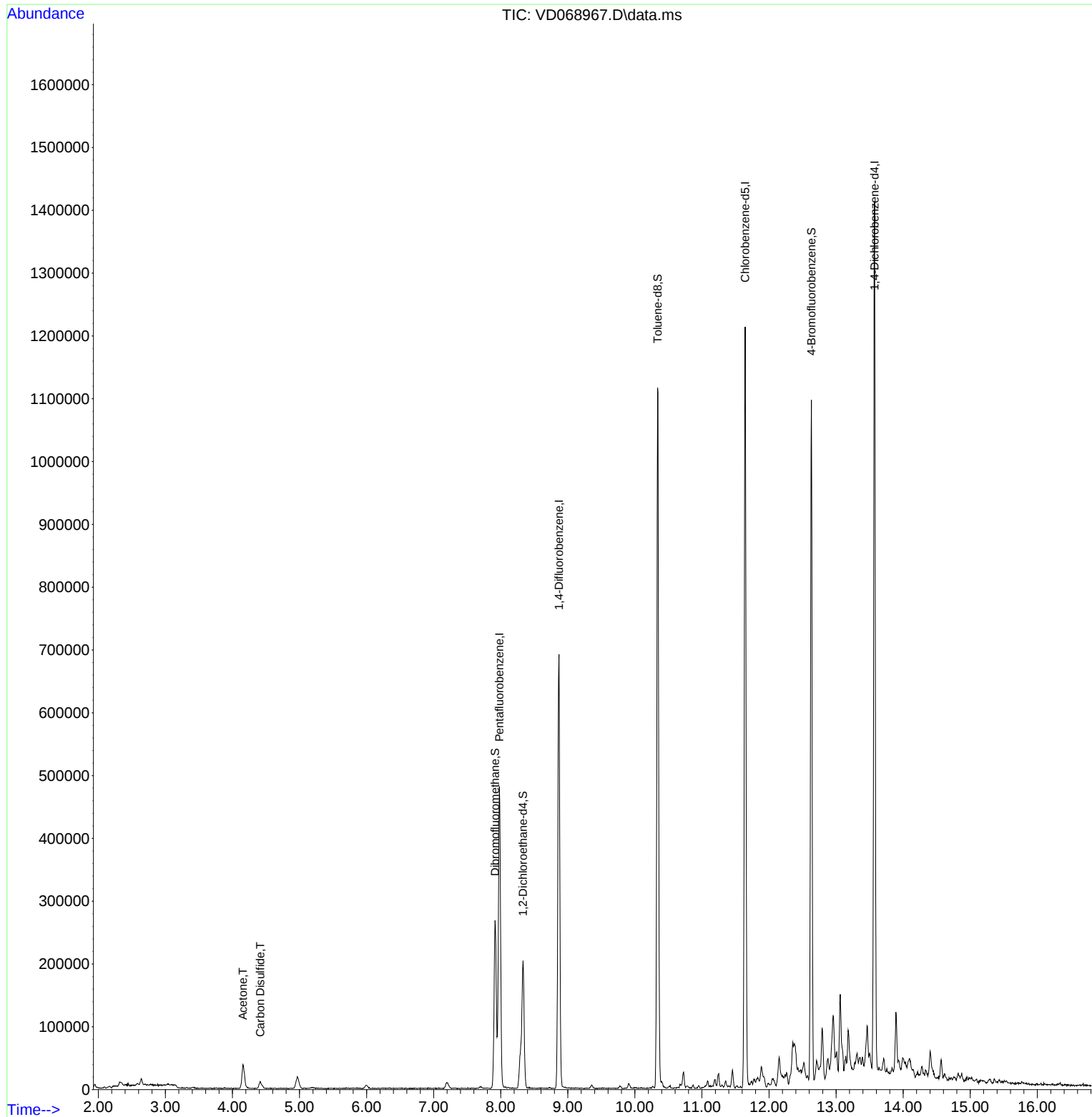
Internal Standards						
1) Pentafluorobenzene	7.979	168	372416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	629071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	741993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	389533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	153132	38.91	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.82%
35) Dibromofluoromethane	7.914	113	191307	46.75	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.50%
50) Toluene-d8	10.338	98	798965	51.76	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.52%
62) 4-Bromofluorobenzene	12.632	95	346470	67.58	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	135.16%
Target Compounds						
16) Acetone	4.156	43	63822	117.10	ug/l	96
17) Carbon Disulfide	4.415	76	19544	1.62	ug/l #	94

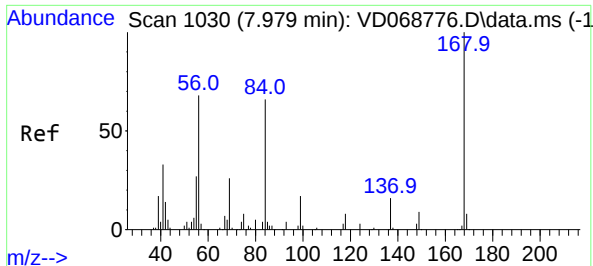
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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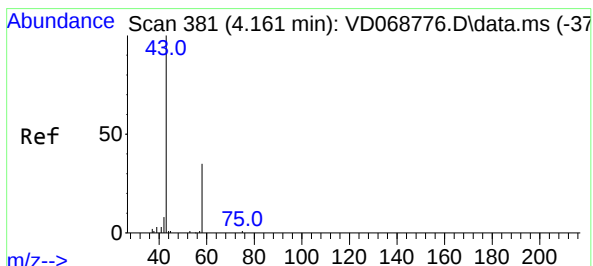
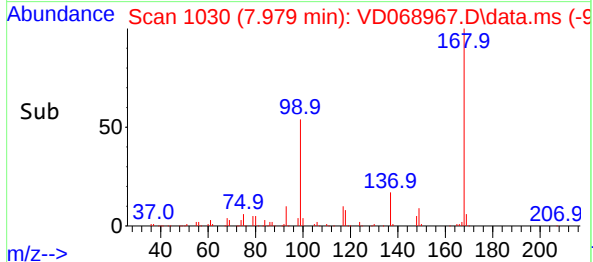
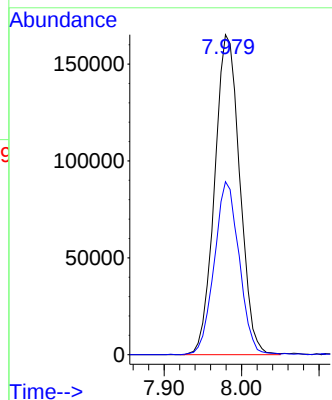
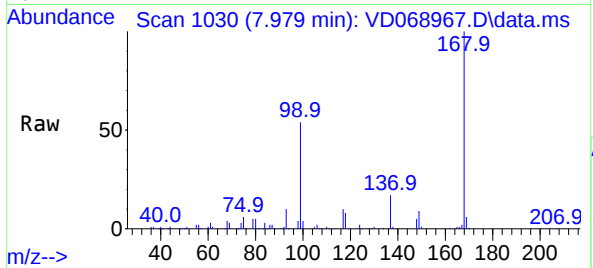




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068967.D
Acq: 23 Apr 2021 15:04

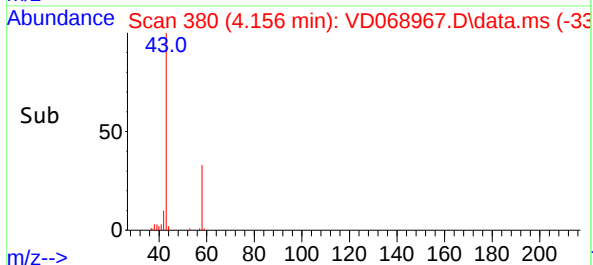
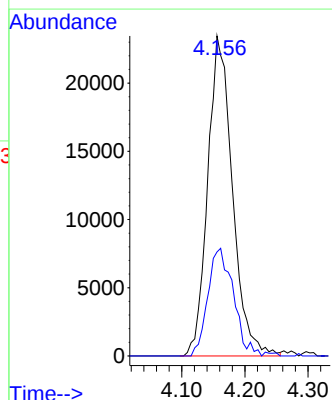
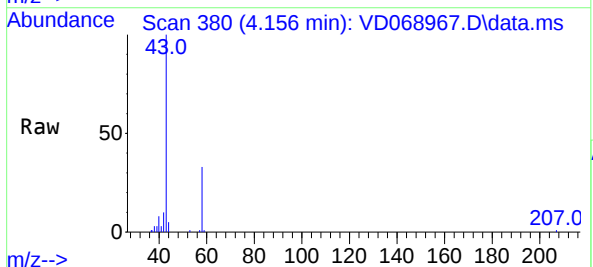
Instrument :
MSVOA_D
ClientSampleId :
SB-35-10.5-11.0

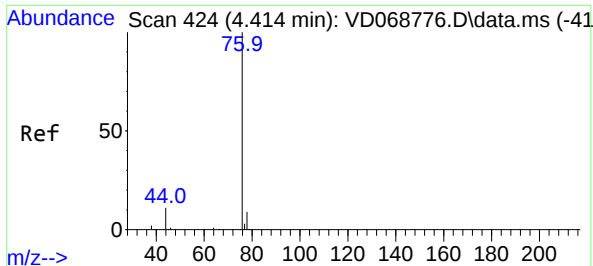
Tgt Ion:168 Resp: 372416
Ion Ratio Lower Upper
168 100
99 54.1 46.2 69.2



#16
Acetone
Concen: 117.10 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068967.D
Acq: 23 Apr 2021 15:04

Tgt Ion: 43 Resp: 63822
Ion Ratio Lower Upper
43 100
58 32.5 28.0 42.0

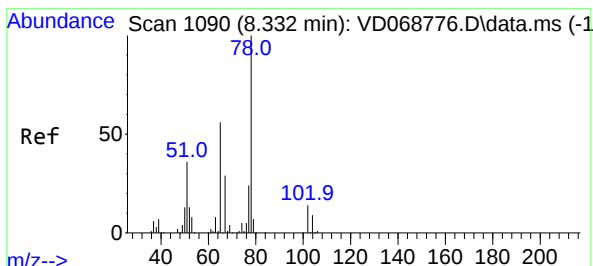
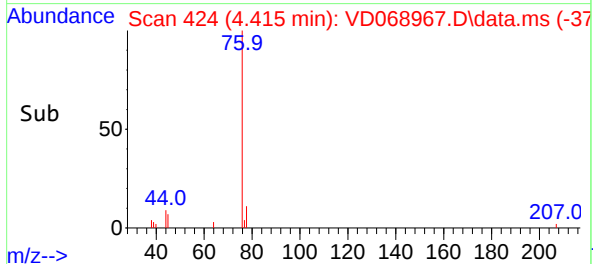
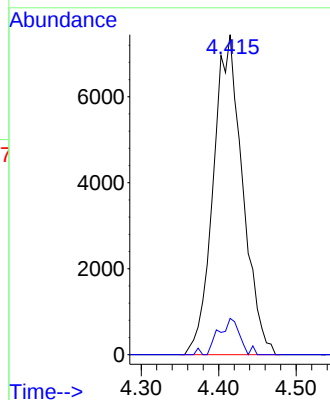
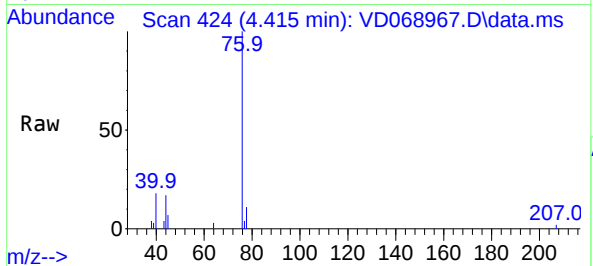




#17
Carbon Disulfide
Concen: 1.62 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.001 min
Lab File: VD068967.D
Acq: 23 Apr 2021 15:04

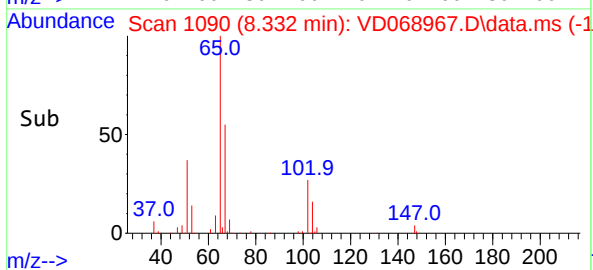
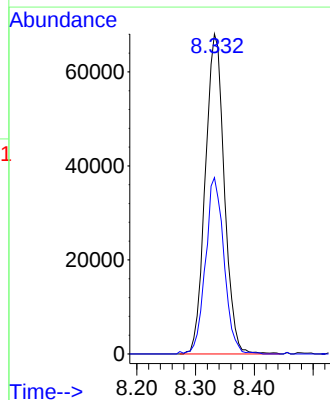
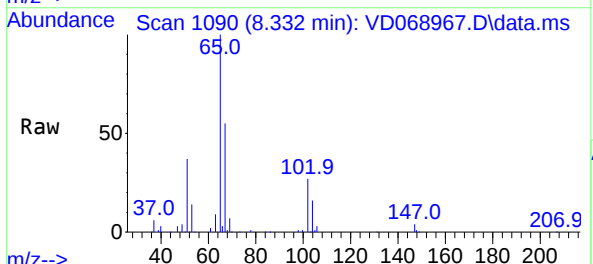
Instrument :
MSVOA_D
ClientSampleId :
SB-35-10.5-11.0

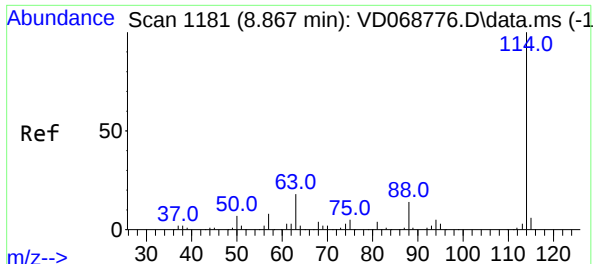
Tgt Ion: 76 Resp: 19544
Ion Ratio Lower Upper
76 100
78 11.3 7.3 10.9#



#33
1,2-Dichloroethane-d4
Concen: 38.91 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068967.D
Acq: 23 Apr 2021 15:04

Tgt Ion: 65 Resp: 153132
Ion Ratio Lower Upper
65 100
67 53.7 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: VD068967.D

Acq: 23 Apr 2021 15:04

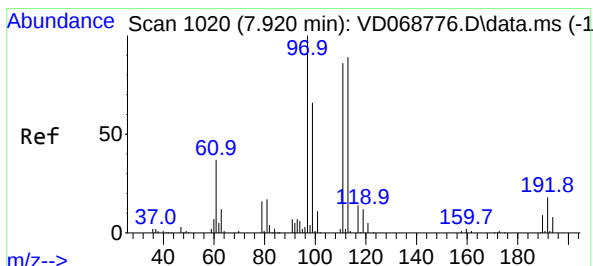
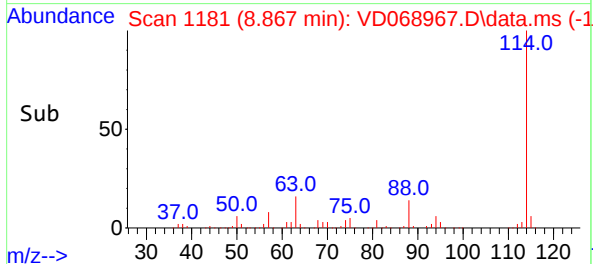
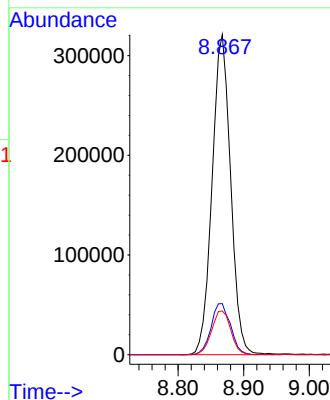
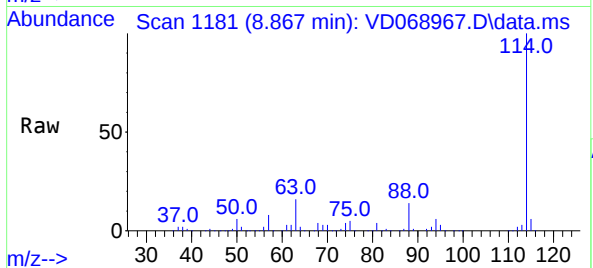
Tgt Ion:114 Resp: 629071

Ion Ratio Lower Upper

114 100

63 15.9 0.0 38.2

88 13.6 0.0 29.4



#35

Dibromofluoromethane

Concen: 46.75 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068967.D

Acq: 23 Apr 2021 15:04

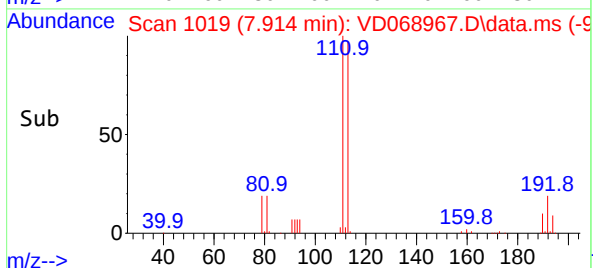
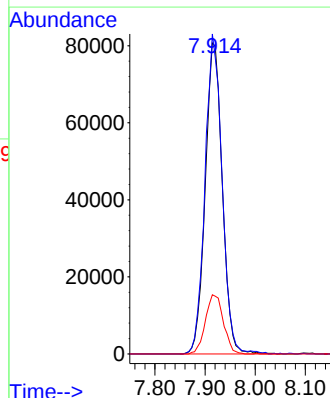
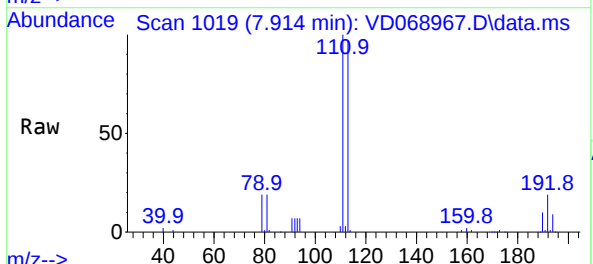
Tgt Ion:113 Resp: 191307

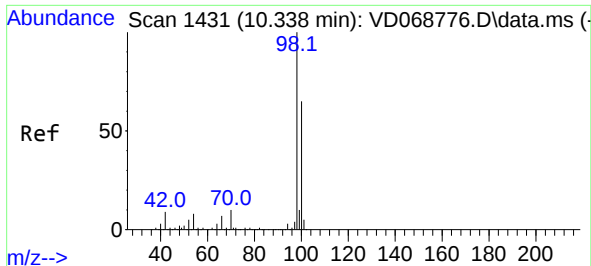
Ion Ratio Lower Upper

113 100

111 102.1 82.5 123.7

192 20.0 15.1 22.7

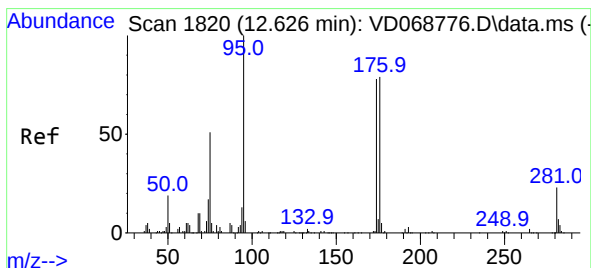
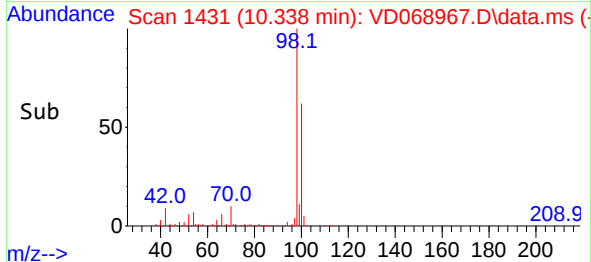
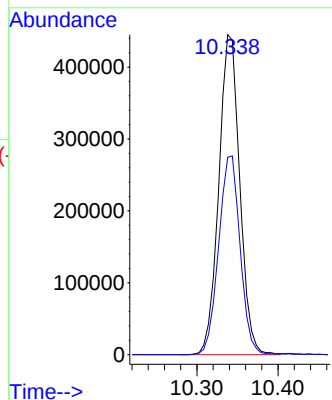
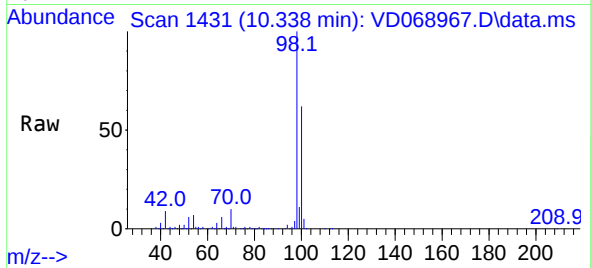




#50
Toluene-d8
Concen: 51.76 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068967.D
Acq: 23 Apr 2021 15:04

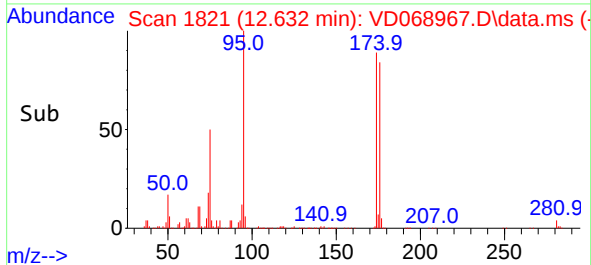
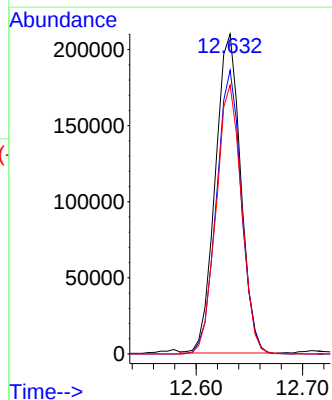
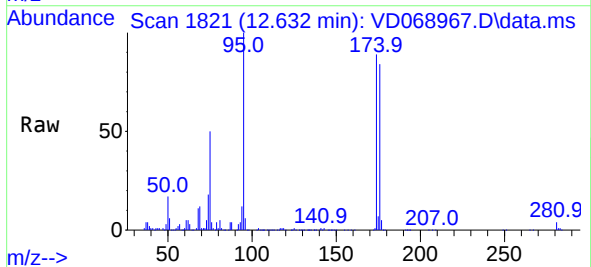
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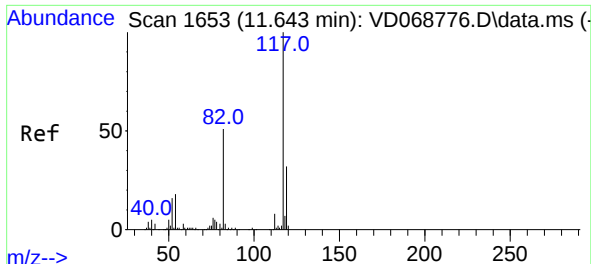
Tgt Ion: 98 Resp: 798965
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 67.58 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068967.D
Acq: 23 Apr 2021 15:04

Tgt Ion: 95 Resp: 346470
Ion Ratio Lower Upper
95 100
174 87.2 0.0 168.0
176 84.3 0.0 160.2

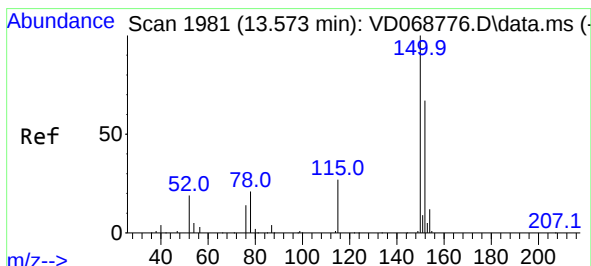
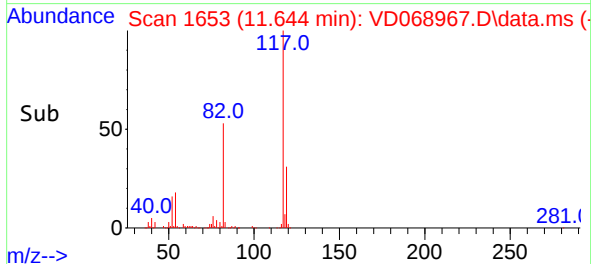
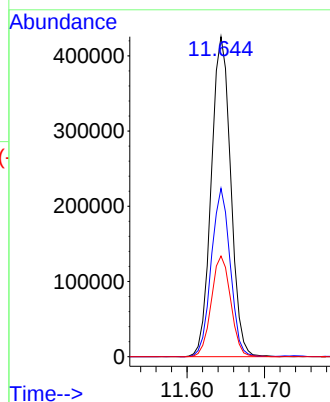
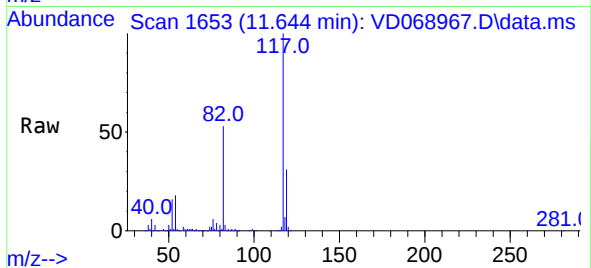




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068967.D
Acq: 23 Apr 2021 15:04

Instrument :
MSVOA_D
ClientSampleId :
SB-35-10.5-11.0

Tgt Ion:117 Resp: 741993
Ion Ratio Lower Upper
117 100
82 52.6 43.5 65.3
119 31.5 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: VD068967.D
Acq: 23 Apr 2021 15:04

Tgt Ion:152 Resp: 389533
Ion Ratio Lower Upper
152 100
115 56.4 29.3 87.8
150 155.3 0.0 347.6

