

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071619\
 Data File : VD063098.D
 Acq On : 16 Jul 2019 11:27
 Operator : VA/AP
 Sample : K3626-05
 Misc : 5.89g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-071119-A

Quant Time: Jul 16 11:55:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

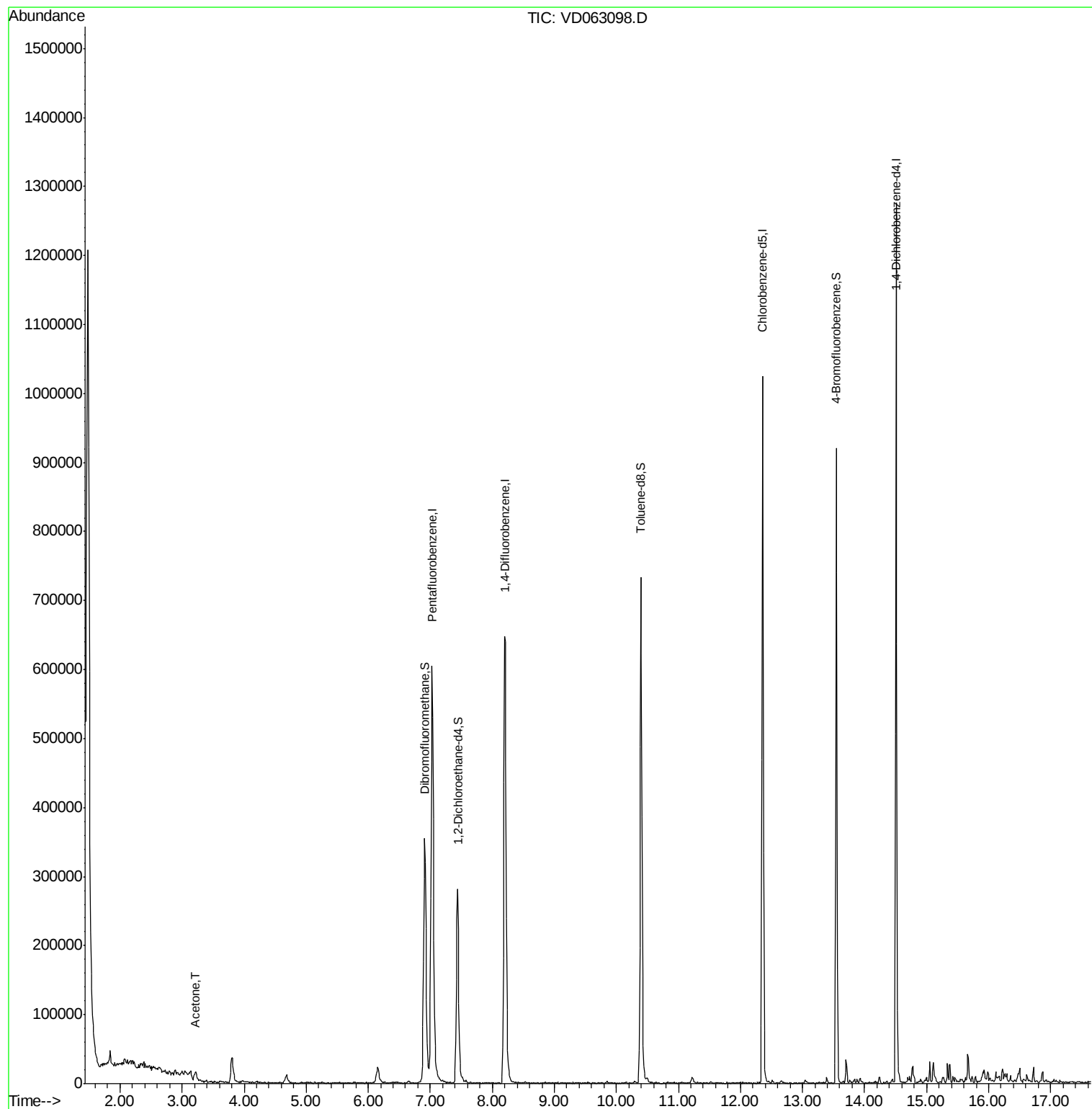
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	572524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	725725	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	572445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	249189	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	304710	42.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.46%	
35) Dibromofluoromethane	6.91	113	316944	43.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.70%	
50) Toluene-d8	10.39	98	587157	37.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.64%	
62) 4-Bromofluorobenzene	13.55	95	253085	35.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.46%	
Target Compounds						
16) Acetone	3.21	43	28036	16.276	ug/l	Qvalue 96

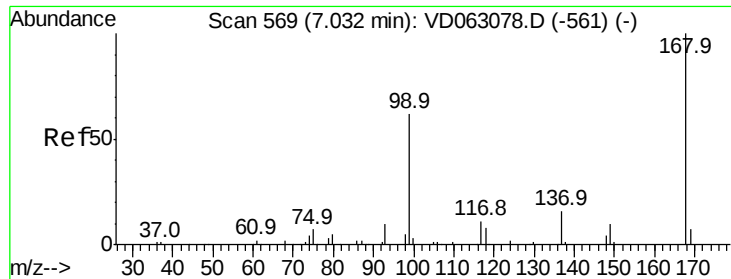
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.00 min

Lab File: VD063098.D

Acq: 16 Jul 2019 11:27

Instrument :

MSVOA_D

ClientSampleId :

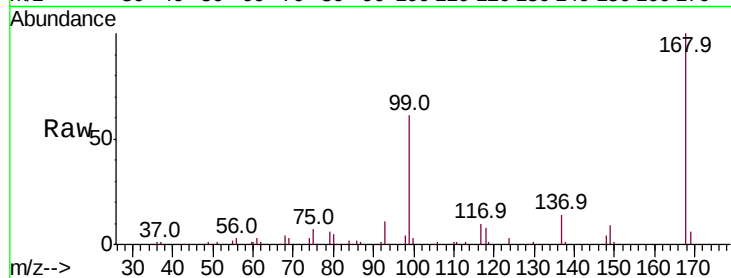
SU-04-071119-A

Tot Ion:168 Resp: 572524

Ion Ratio Lower Upper

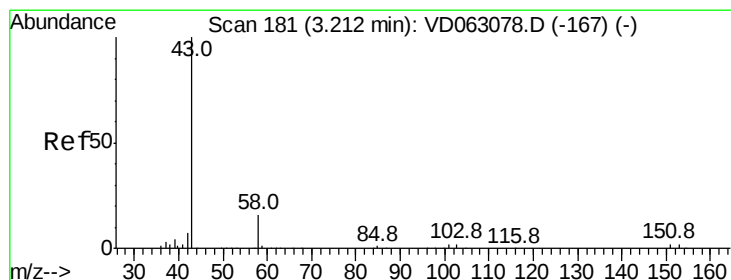
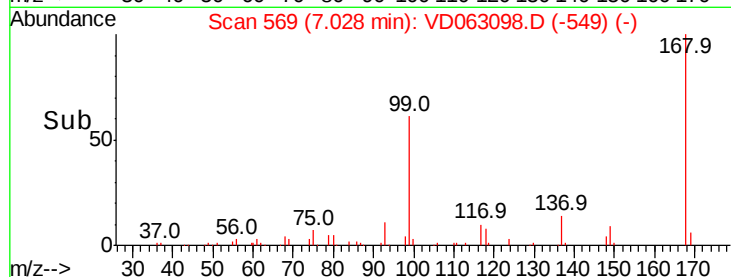
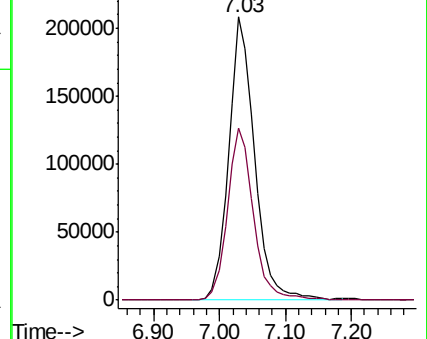
168 100

99 60.7 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 16.276 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.00 min

Lab File: VD063098.D

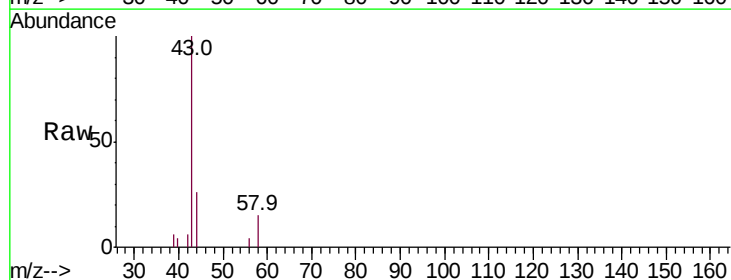
Acq: 16 Jul 2019 11:27

Tgt Ion: 43 Resp: 28036

Ion Ratio Lower Upper

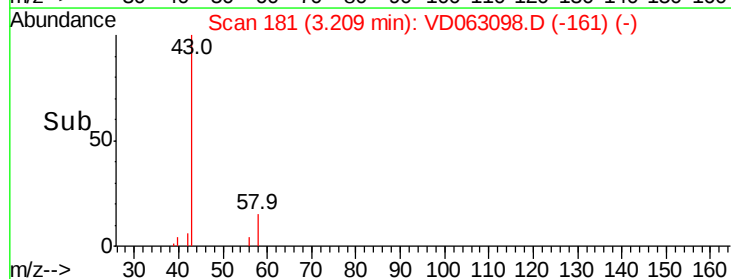
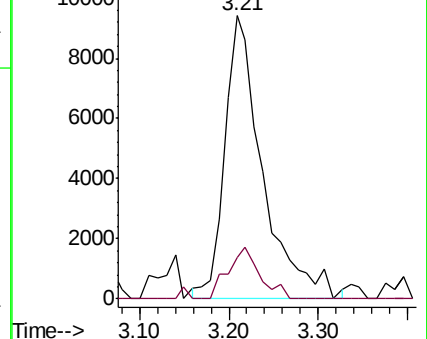
43 100

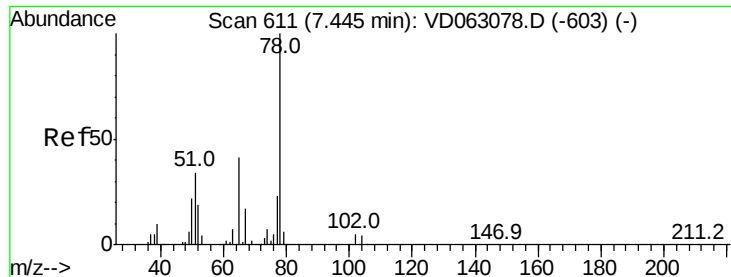
58 14.7 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 42.725 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.00 min

Lab File: VD063098.D

Acq: 16 Jul 2019 11:27

Instrument :

MSVOA_D

ClientSampleId :

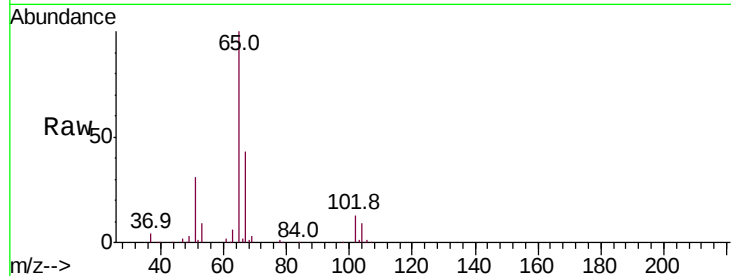
SU-04-071119-A

Tot Ion: 65 Resp: 304710

Ion Ratio Lower Upper

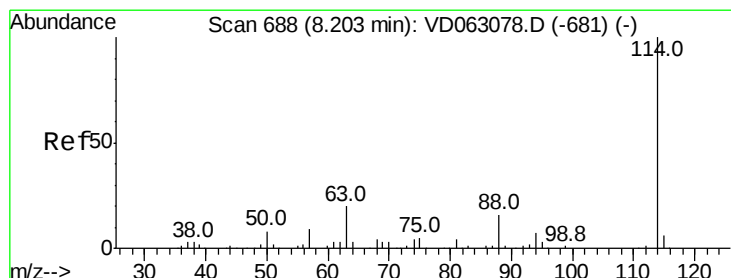
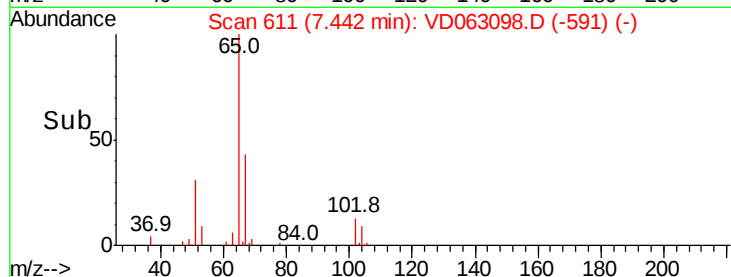
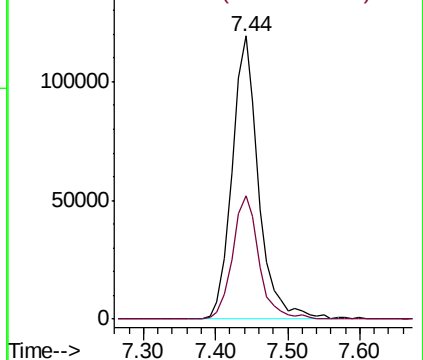
65 100

67 43.4 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. 0.01 min

Lab File: VD063098.D

Acq: 16 Jul 2019 11:27

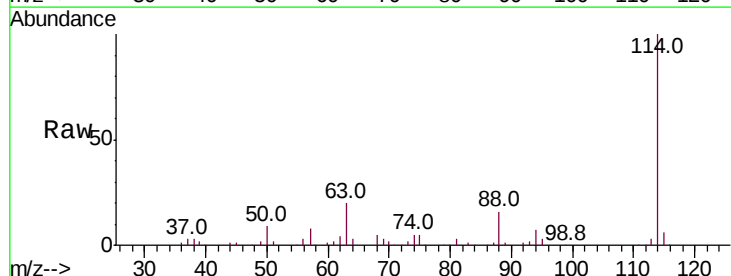
Tgt Ion: 114 Resp: 725725

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.6

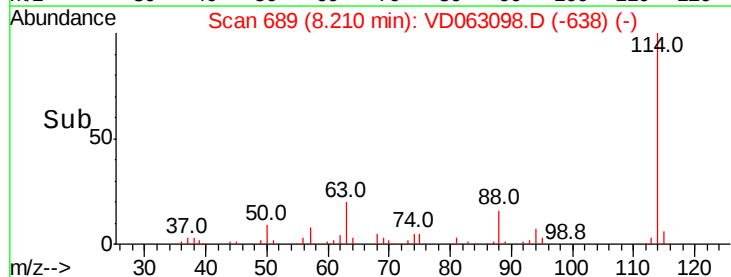
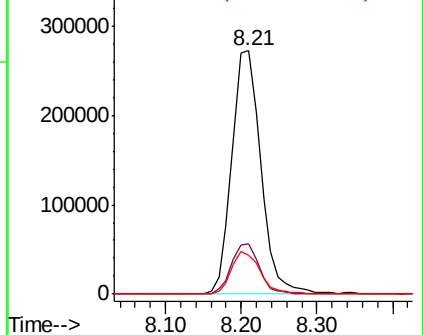
88 15.9 0.0 32.6

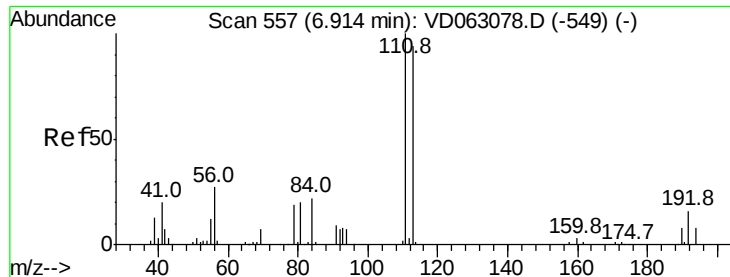


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

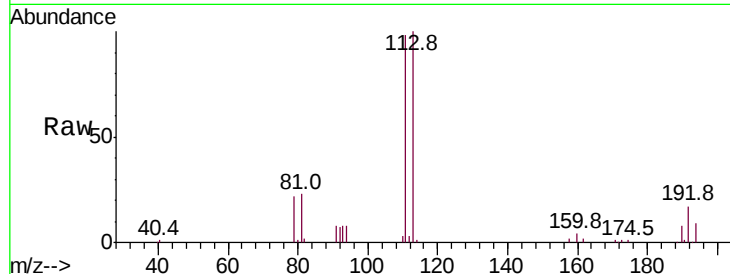




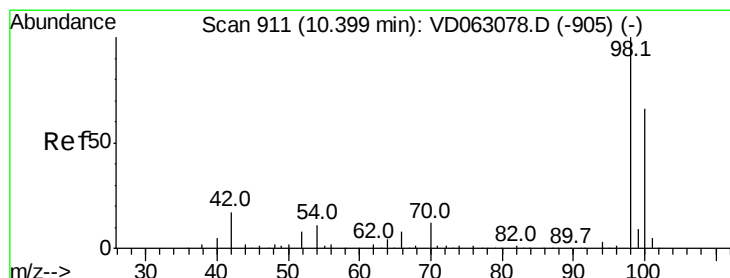
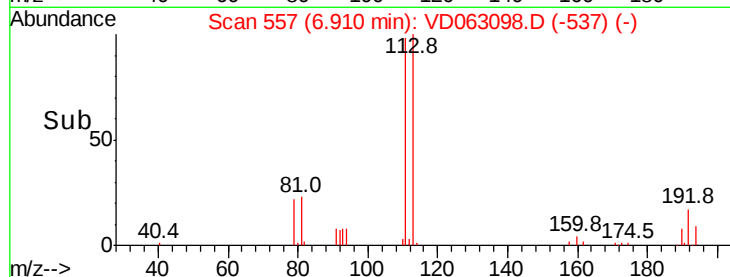
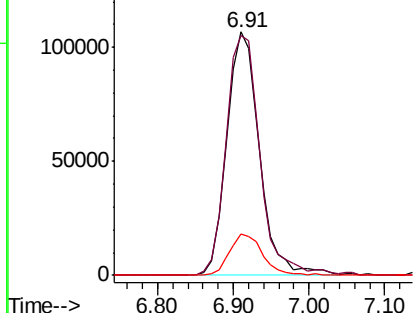
#35
Dibromofluoromethane
Concen: 43.847 ug/l
RT: 6.91 min Scan# 557
Delta R.T. -0.00 min
Lab File: VD063098.D
Acq: 16 Jul 2019 11:27

Instrument :
MSVOA_D
ClientSampleId :
SU-04-071119-A

Tot Ion:113 Resp: 316944
Ion Ratio Lower Upper
113 100
111 98.3 84.8 127.2
192 16.9 13.4 20.0

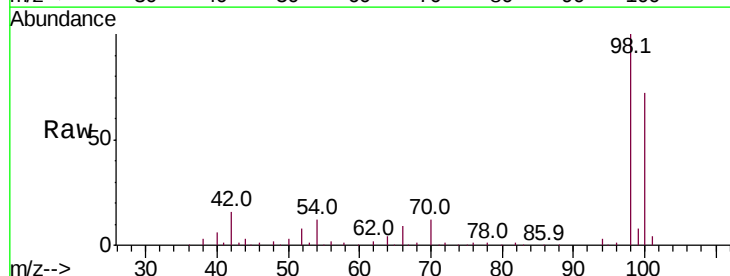


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

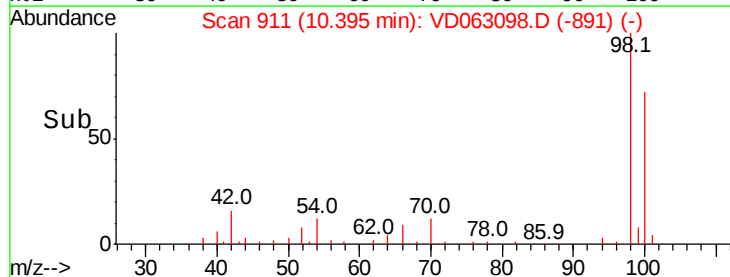
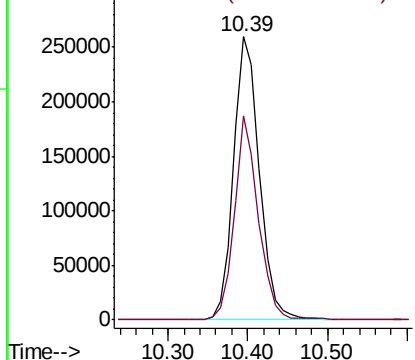


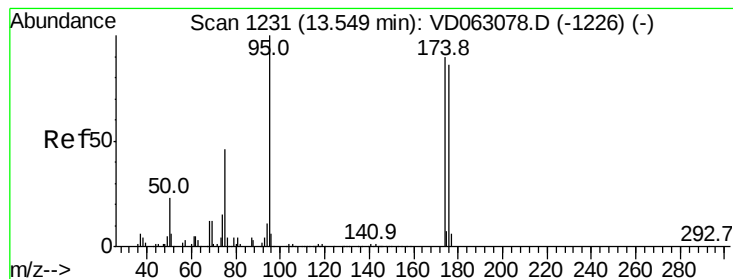
#50
Toluene-d8
Concen: 37.816 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.00 min
Lab File: VD063098.D
Acq: 16 Jul 2019 11:27

Tgt Ion: 98 Resp: 587157
Ion Ratio Lower Upper
98 100
100 72.2 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VD





#62

4-Bromofluorobenzene

Concen: 35.233 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD063098.D

Acq: 16 Jul 2019 11:27

Instrument :

MSVOA_D

ClientSampleId :

SU-04-071119-A

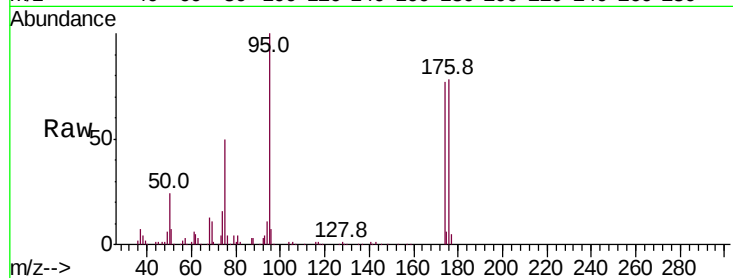
Tot Ion: 95 Resp: 253085

Ion Ratio Lower Upper

95 100

174 76.9 0.0 180.6

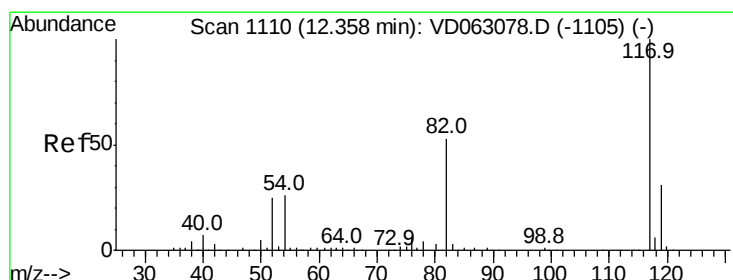
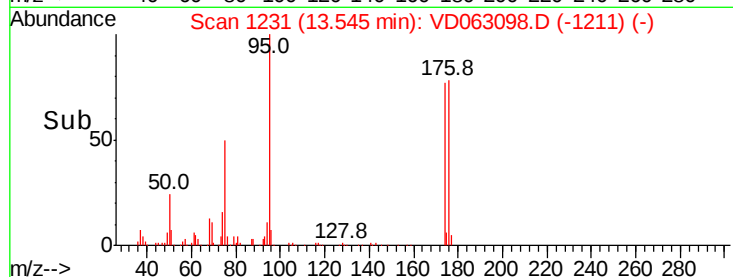
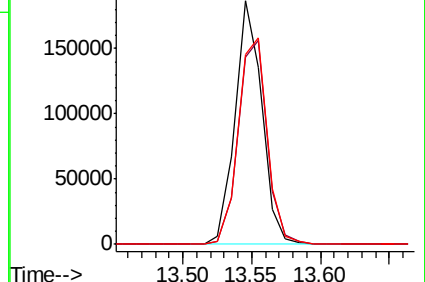
176 78.1 0.0 172.2



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.35 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD063098.D

Acq: 16 Jul 2019 11:27

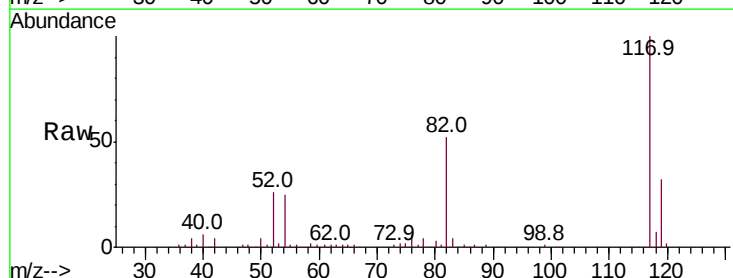
Tgt Ion: 117 Resp: 572445

Ion Ratio Lower Upper

117 100

82 51.9 42.3 63.5

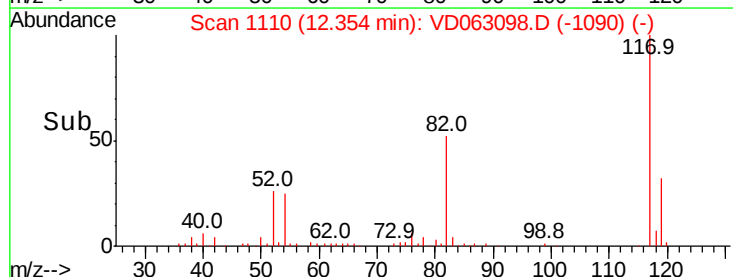
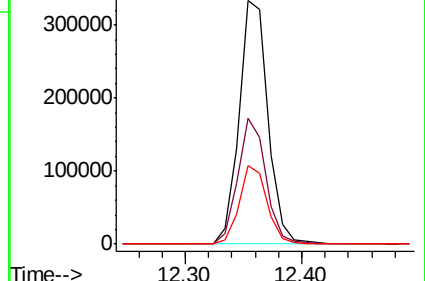
119 32.1 25.2 37.8

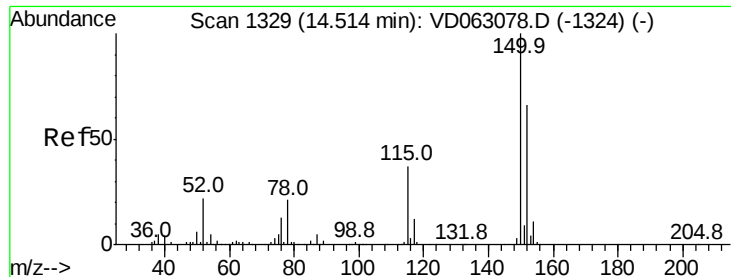


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.00 min

Lab File: VD063098.D

Acq: 16 Jul 2019 11:27

Instrument :

MSVOA_D

ClientSampleId :

SU-04-071119-A

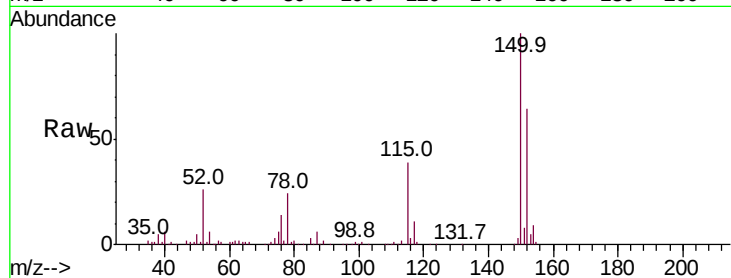
Tot Ion:152 Resp: 249189

Ion Ratio Lower Upper

152 100

115 61.3 28.9 86.8

150 157.3 0.0 313.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

