

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD080219\
 Data File : VD063312.D
 Acq On : 2 Aug 2019 13:12
 Operator : VA/AP
 Sample : K4120-01RE
 Misc : 5.88g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T1-1RE

Quant Time: Aug 04 04:10:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

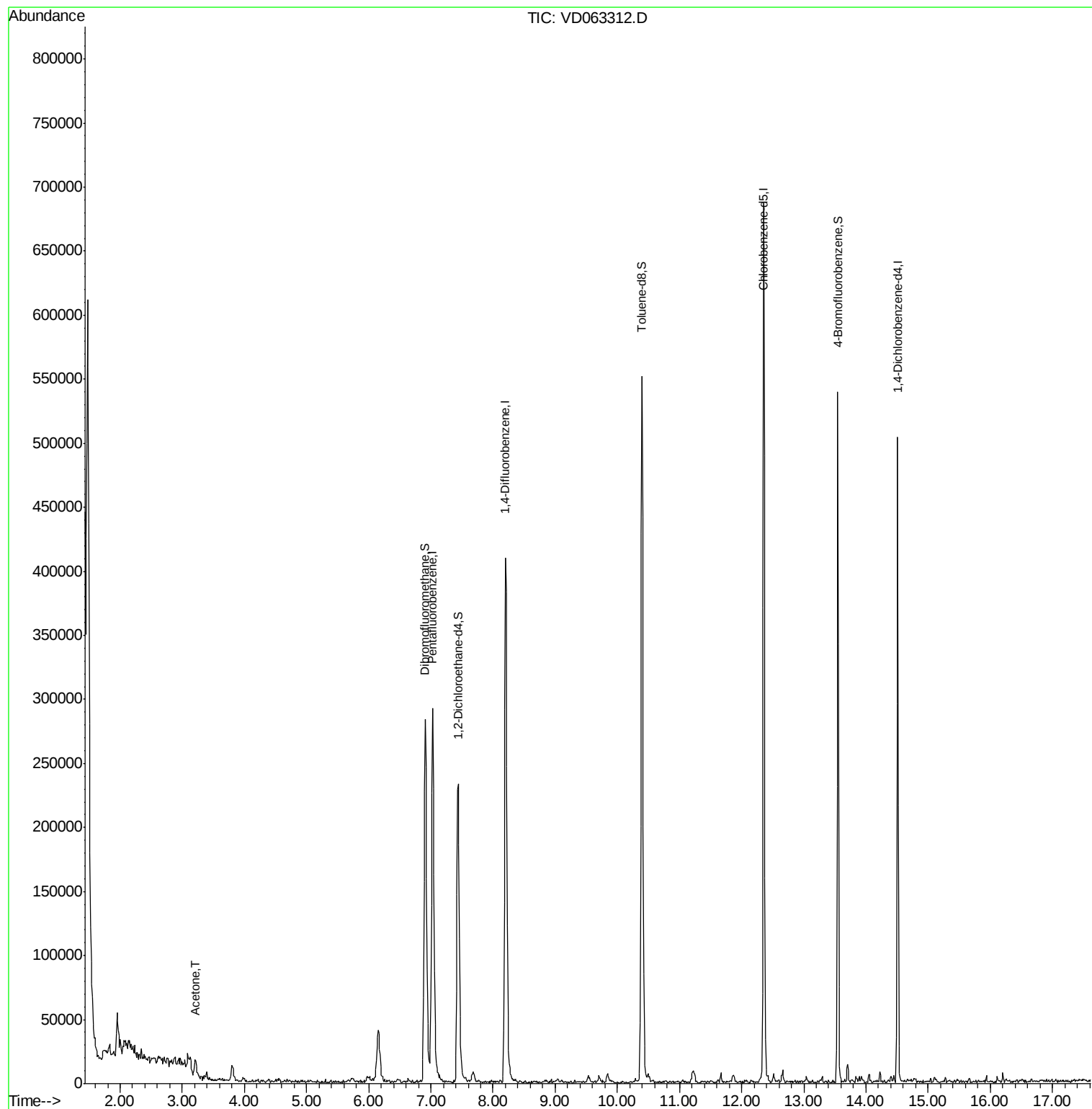
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	261310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	457865	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	363212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	109575	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	278702	96.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	192.24%	
35) Dibromofluoromethane	6.91	113	246244	62.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.98%	
50) Toluene-d8	10.39	98	441783	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	13.55	95	142314	35.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.40%	
Target Compounds						
16) Acetone	3.21	43	29330	51.918	ug/l	Qvalue 96

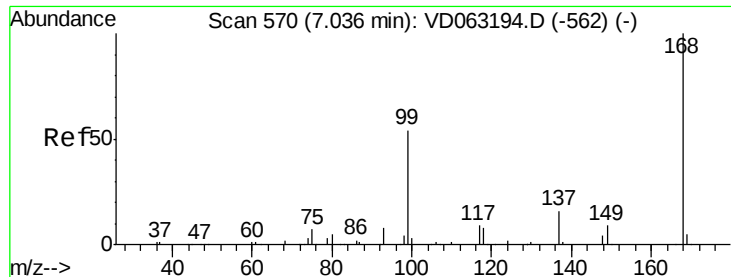
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.01 min

Lab File: VD063312.D

Acq: 2 Aug 2019 13:12

Instrument :

MSVOA_D

ClientSampleId :

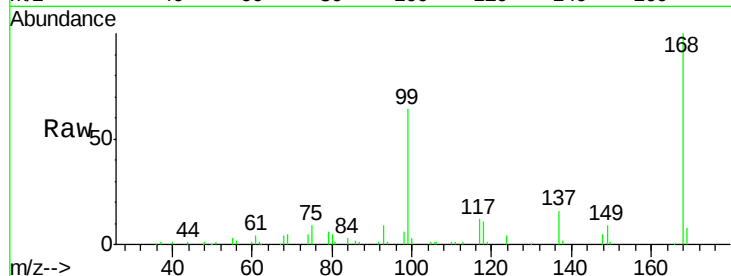
T1-1RE

Tot Ion:168 Resp: 261310

Ion Ratio Lower Upper

168 100

99 64.0 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

100000

80000

60000

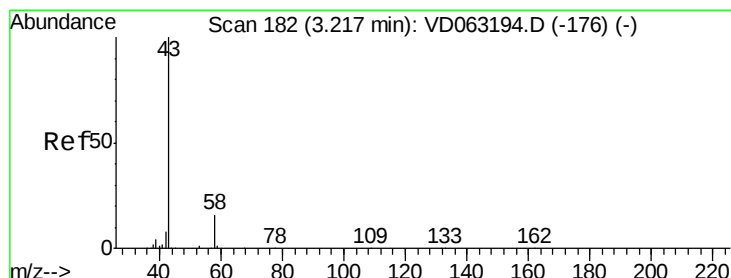
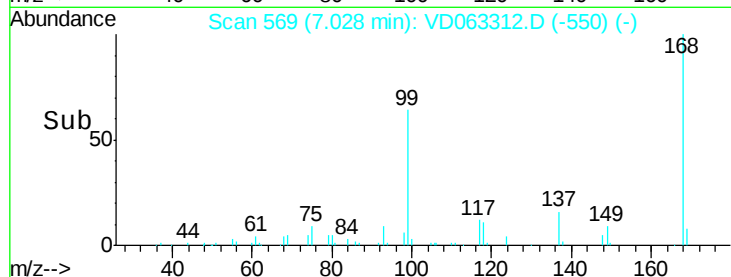
40000

20000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 51.918 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD063312.D

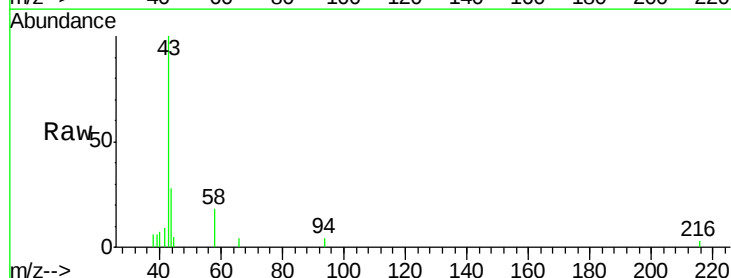
Acq: 2 Aug 2019 13:12

Tgt Ion: 43 Resp: 29330

Ion Ratio Lower Upper

43 100

58 17.8 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

10000

8000

6000

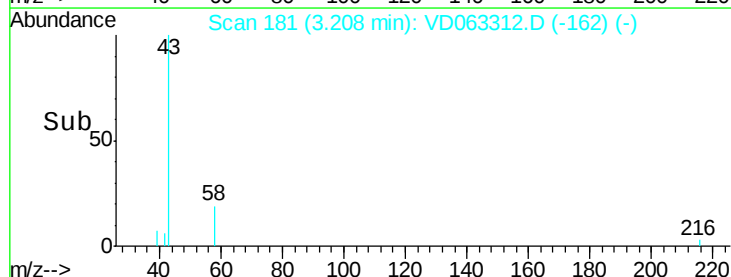
4000

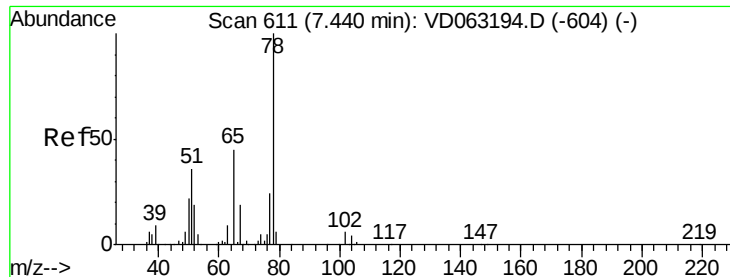
2000

0

Time-->

3.10 3.20 3.30





#33

1,2-Dichloroethane-d4

Concen: 96.121 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.01 min

Lab File: VD063312.D

Acq: 2 Aug 2019 13:12

Instrument :

MSVOA_D

ClientSampled :

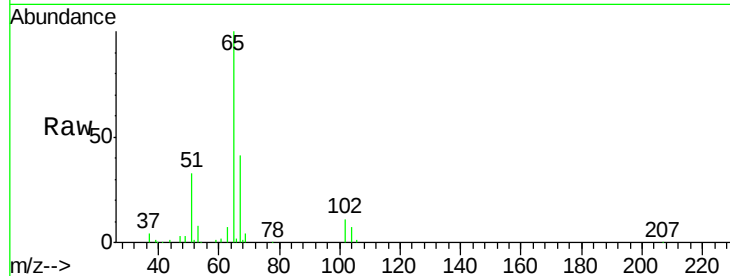
T1-1RE

Tot Ion: 65 Resp: 278702

Ion Ratio Lower Upper

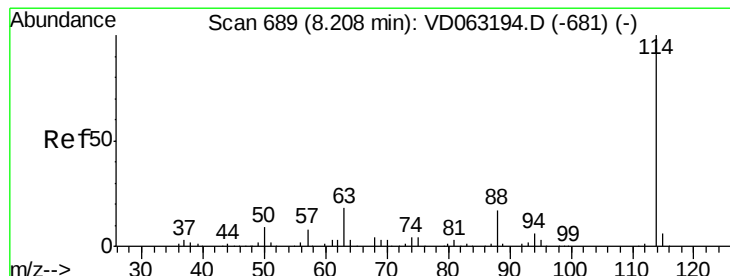
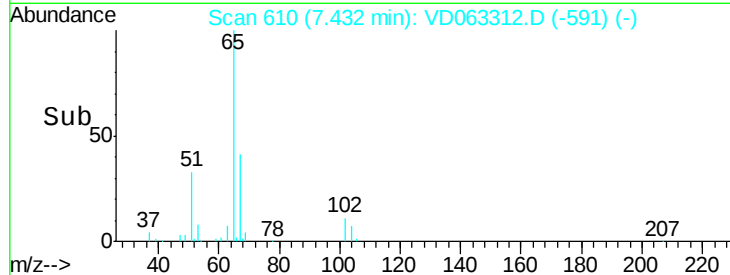
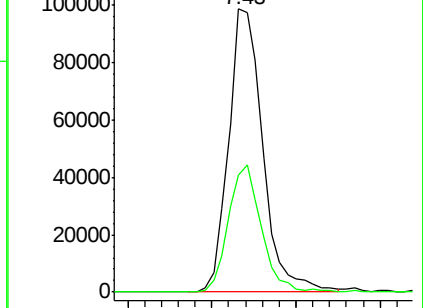
65 100

67 41.1 0.0 85.8



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: 8.20 min Scan# 688

Delta R.T. -0.01 min

Lab File: VD063312.D

Acq: 2 Aug 2019 13:12

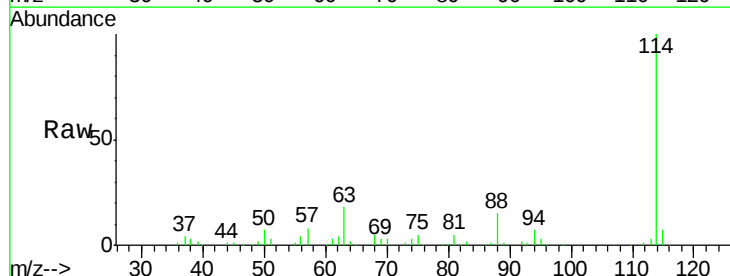
Tgt Ion: 114 Resp: 457865

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.2

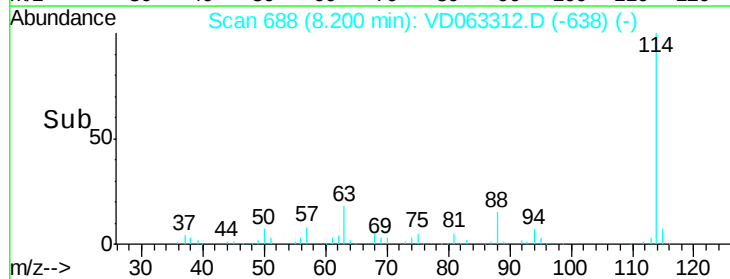
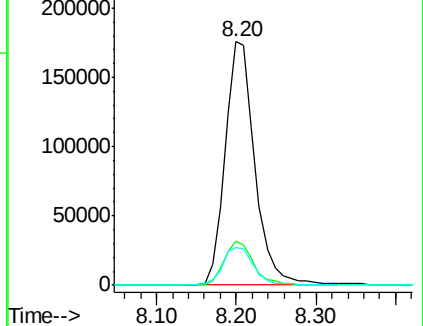
88 15.4 0.0 34.6



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: 62.991 ug/l

RT: 6.91 min Scan# 557

Delta R.T. 0.00 min

Lab File: VD063312.D

Acq: 2 Aug 2019 13:12

Instrument :

MSVOA_D

ClientSampleId :

T1-1RE

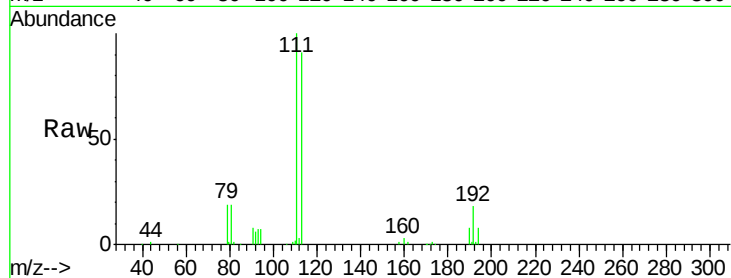
Tot Ion:113 Resp: 246244

Ion Ratio Lower Upper

113 100

111 110.0 83.2 124.8

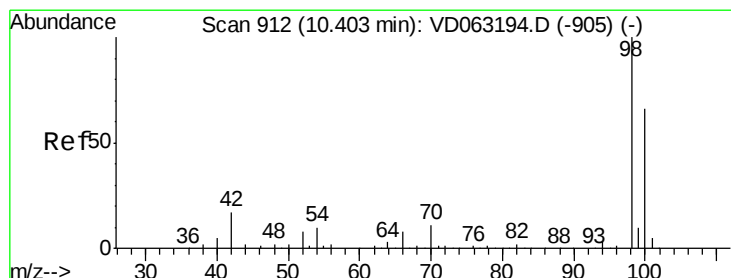
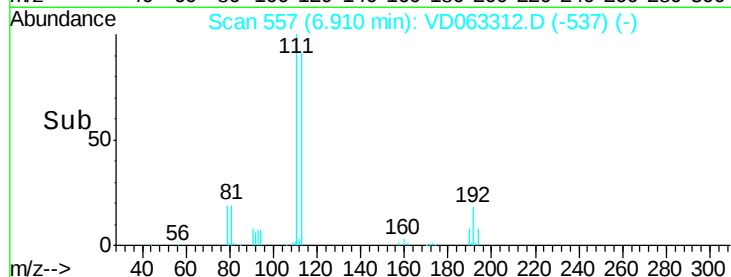
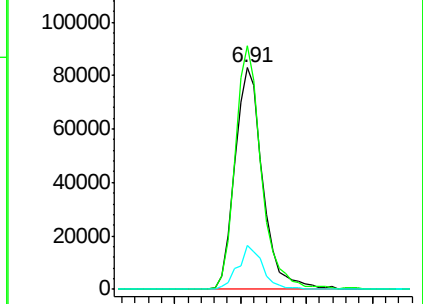
192 20.0 11.8 17.8#



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: 50.497 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD063312.D

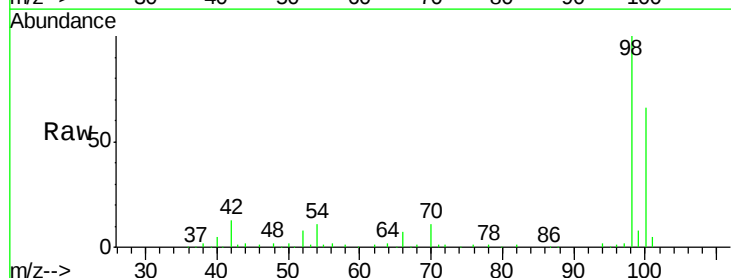
Acq: 2 Aug 2019 13:12

Tgt Ion: 98 Resp: 441783

Ion Ratio Lower Upper

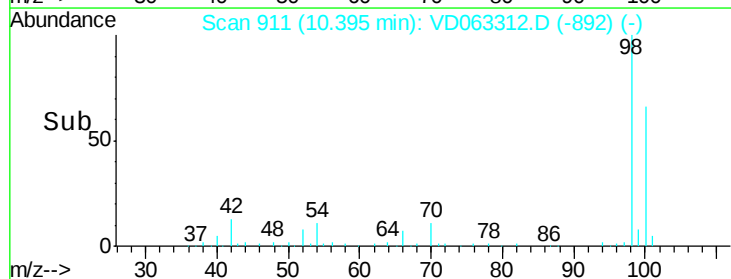
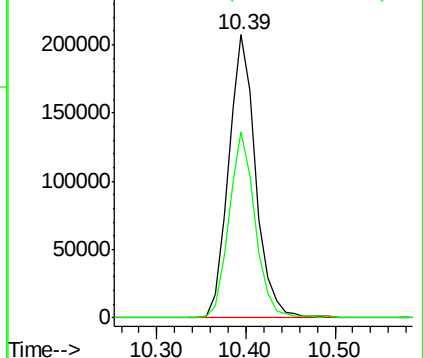
98 100

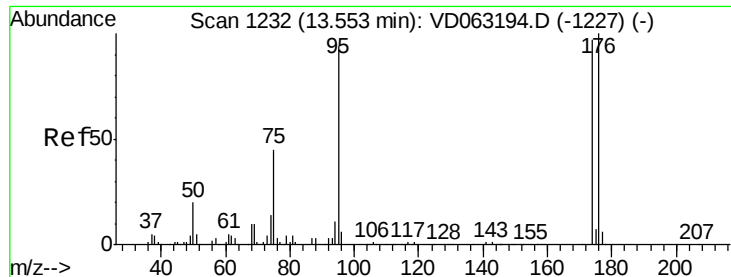
100 65.6 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 35.697 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD063312.D

Acq: 2 Aug 2019 13:12

Instrument :

MSVOA_D

ClientSampled :

T1-1RE

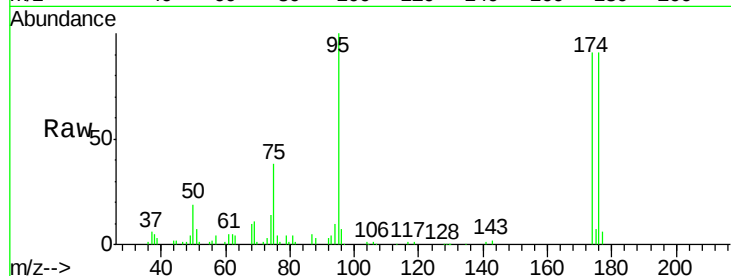
Tot Ion: 95 Resp: 142314

Ion Ratio Lower Upper

95 100

174 90.7 0.0 205.4

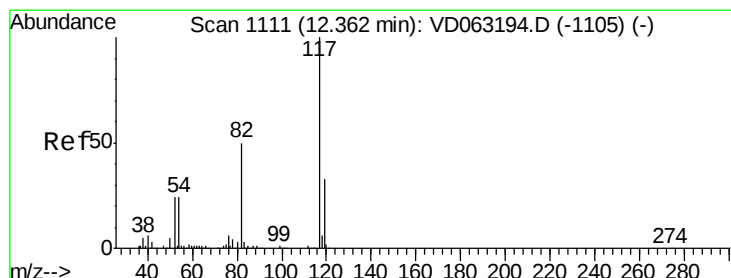
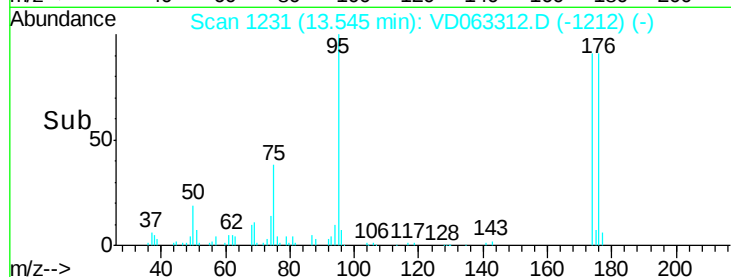
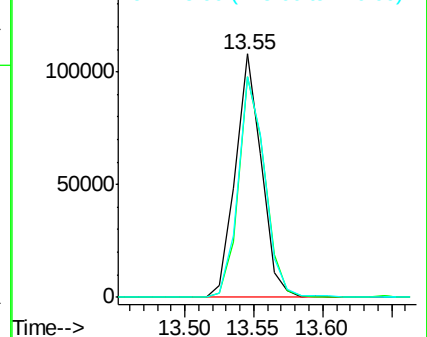
176 90.5 0.0 211.8



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. -0.01 min

Lab File: VD063312.D

Acq: 2 Aug 2019 13:12

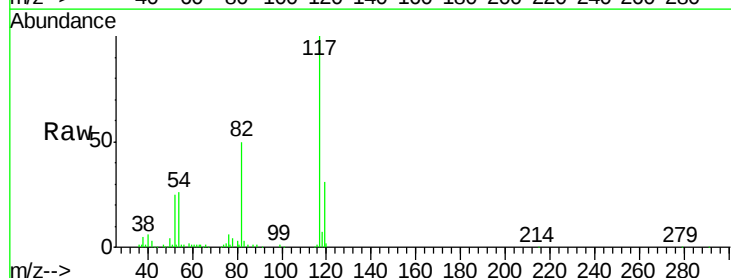
Tgt Ion: 117 Resp: 363212

Ion Ratio Lower Upper

117 100

82 49.8 40.1 60.1

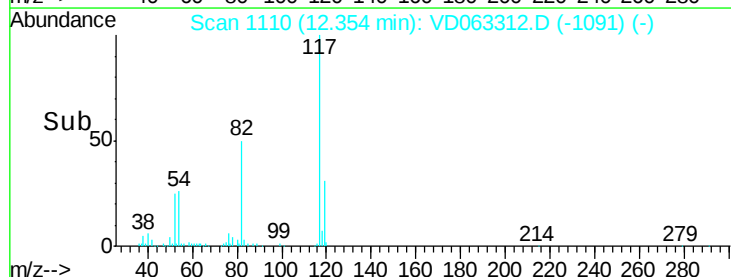
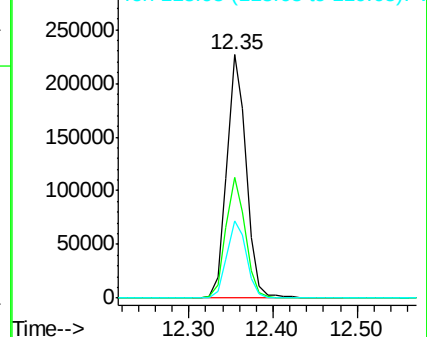
119 31.5 26.5 39.7

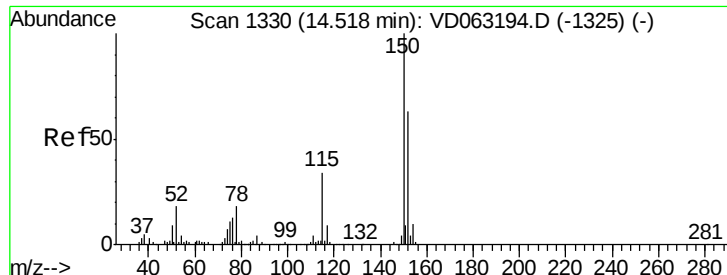


Abundance Ion 116.95 (116.65 to 117.65): V

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. -0.01 min

Lab File: VD063312.D

Acq: 2 Aug 2019 13:12

Instrument :

MSVOA_D

ClientSampleId :

T1-1RE

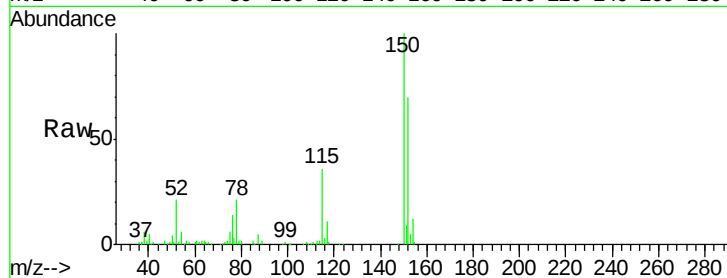
Tot Ion:152 Resp: 109575

Ion Ratio Lower Upper

152 100

115 51.2 27.5 82.4

150 141.9 0.0 320.6



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

