

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080519\
 Data File : VD063382.D
 Acq On : 5 Aug 2019 15:55
 Operator : VA/AP
 Sample : K4095-01
 Misc : 6.89g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-080219-A

Quant Time: Aug 06 08:13:37 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

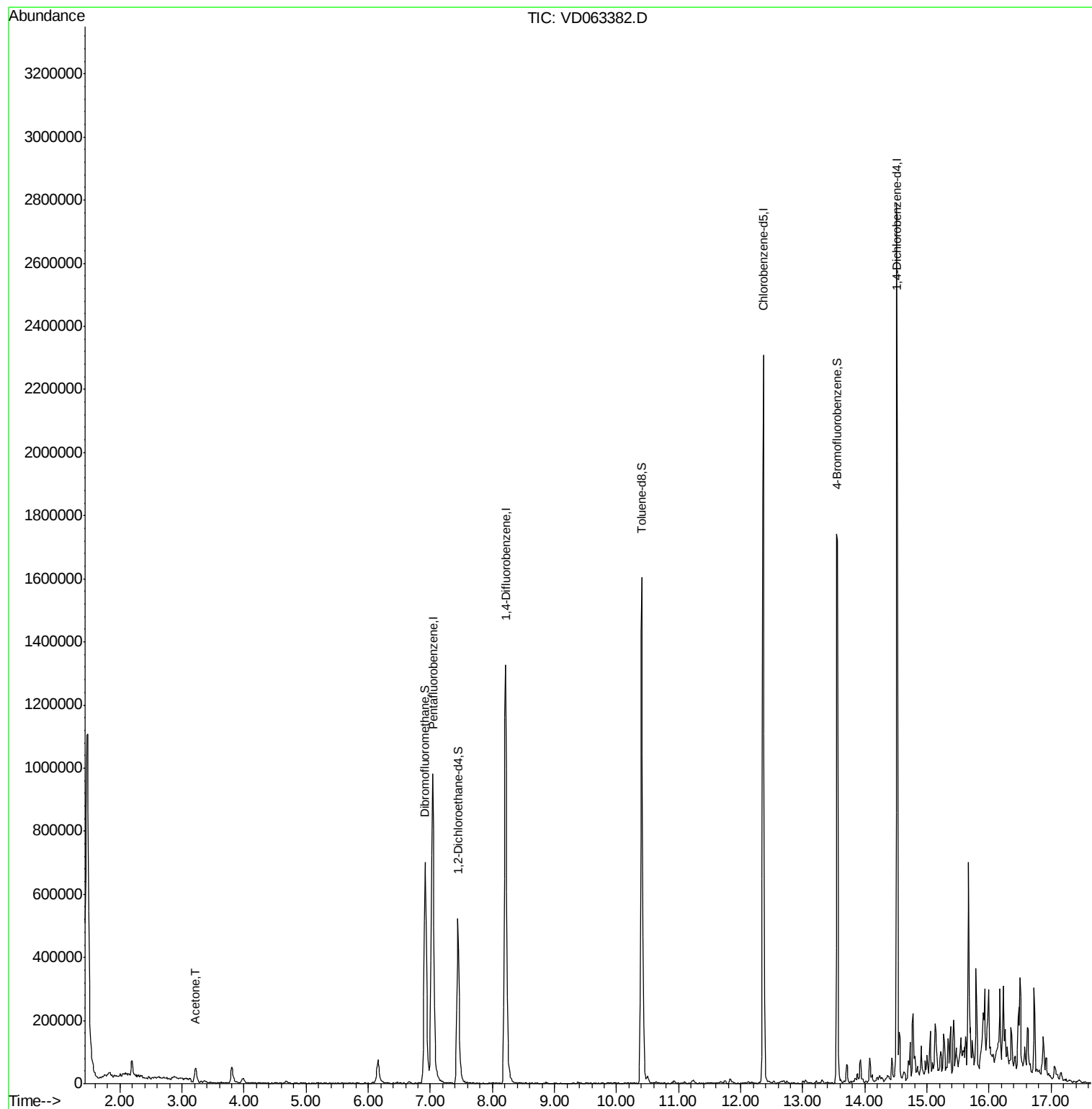
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1057789	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1475632	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1245944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	614811	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	557917	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
35) Dibromofluoromethane	6.91	113	618820	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
50) Toluene-d8	10.41	98	1272536	45.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.26%	
62) 4-Bromofluorobenzene	13.55	95	541708	42.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.32%	
Target Compounds						
16) Acetone	3.22	43	79409	34.724	ug/l #	Qvalue 88

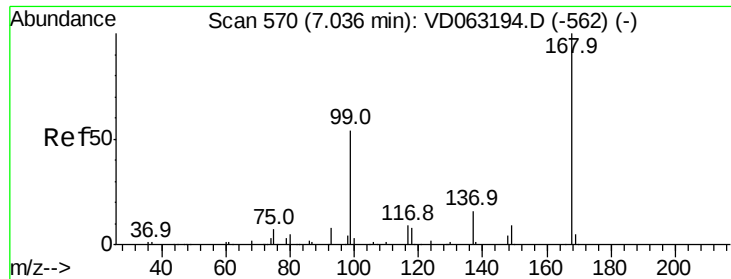
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 30 03:04:50 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

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MSVOA_D

ClientSampleId :

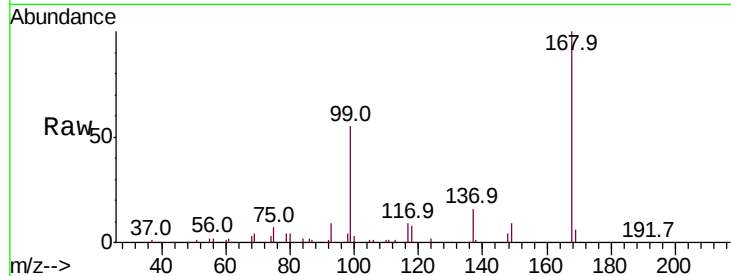
SU-02-080219-A

Tot Ion:168 Resp: 1057789

Ion Ratio Lower Upper

168 100

99 55.0 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

400000

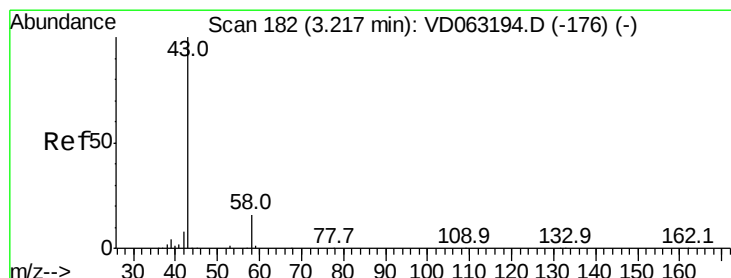
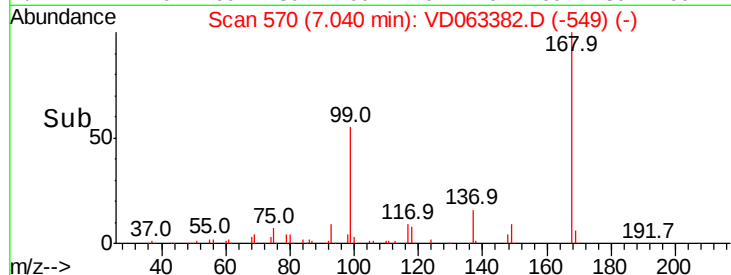
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 34.724 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD063382.D

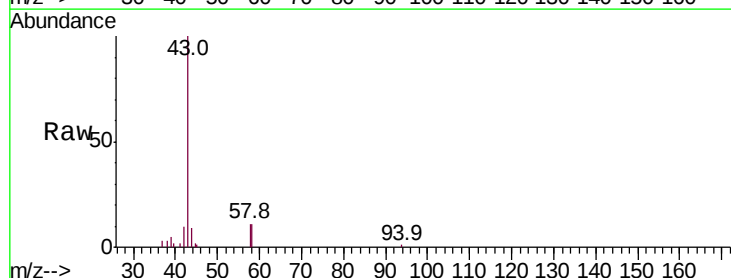
Acq: 5 Aug 2019 15:55

Tgt Ion: 43 Resp: 79409

Ion Ratio Lower Upper

43 100

58 21.3 13.0 19.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

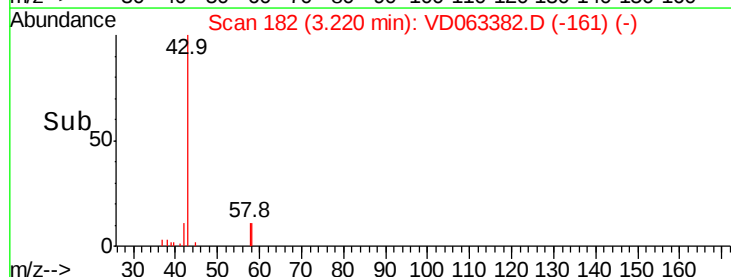
30000

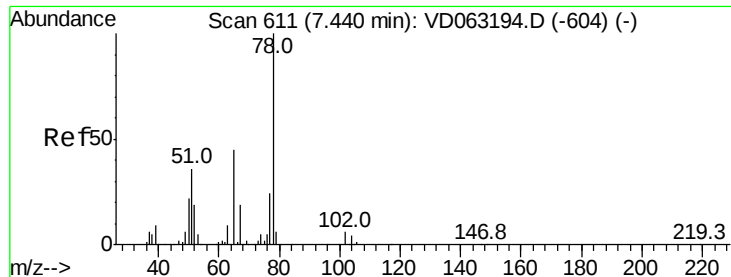
20000

10000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.534 ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.00 min

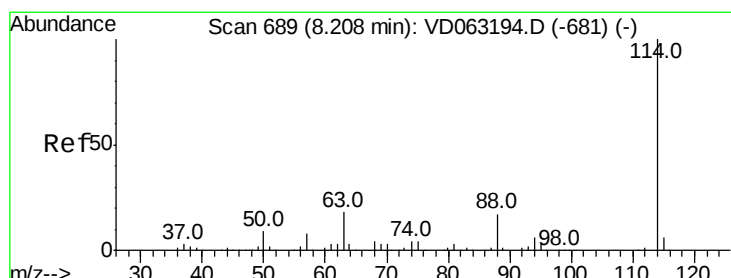
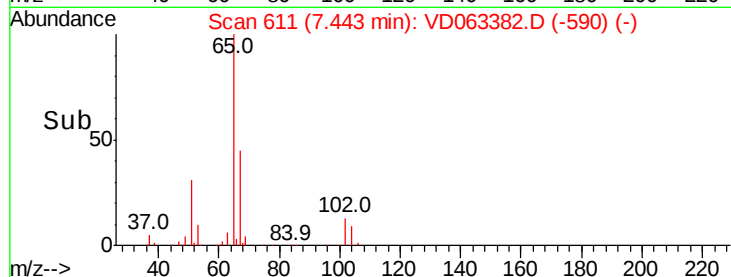
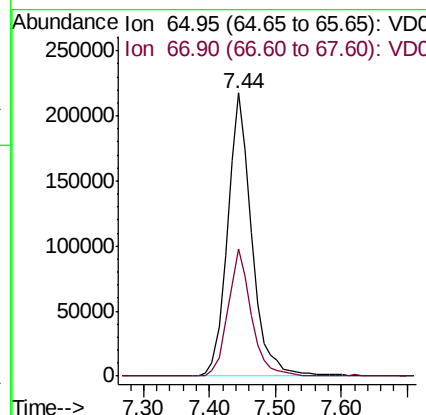
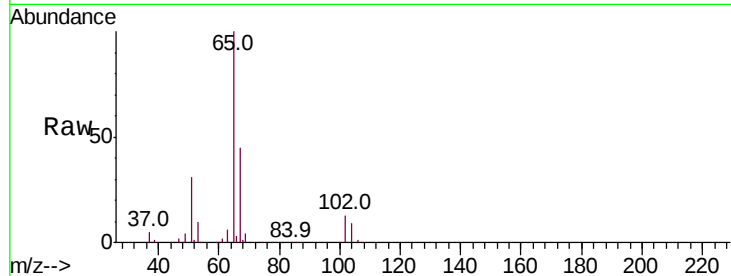
Lab File: VD063382.D

Acq: 5 Aug 2019 15:55

Instrument :
MSVOA_D
ClientSampleId :
SU-02-080219-A

Tot Ion: 65 Resp: 557917

Ion	Ratio	Lower	Upper
65	100		
67	44.9	0.0	85.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

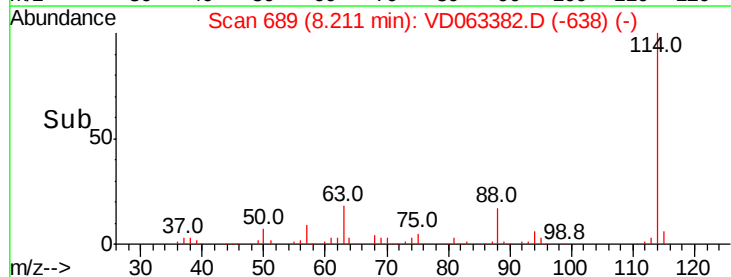
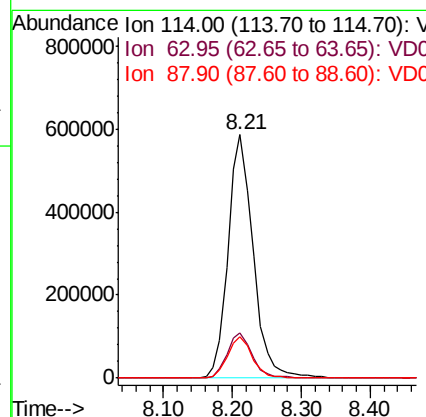
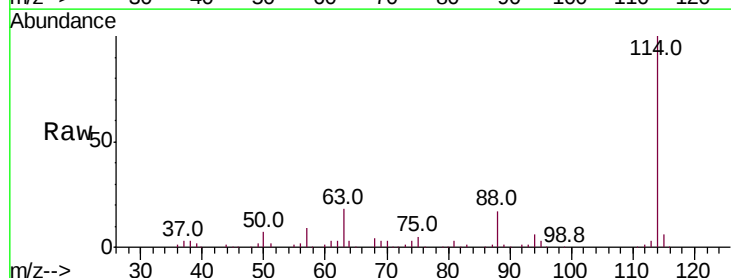
Delta R.T. 0.00 min

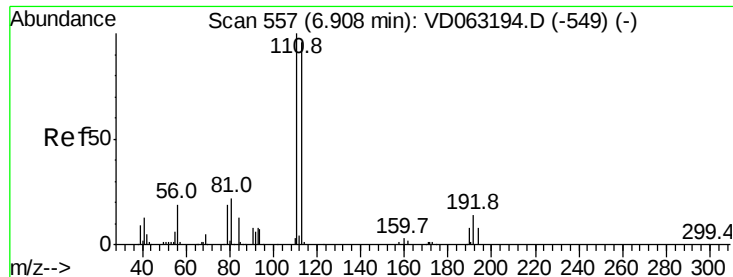
Lab File: VD063382.D

Acq: 5 Aug 2019 15:55

Tgt Ion: 114 Resp: 1475632

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	35.2
88	17.2	0.0	34.6





#35

Dibromofluoromethane

Concen: 49.118 ug/l

RT: 6.91 min Scan# 557

Delta R.T. 0.00 min

Lab File: VD063382.D

Acq: 5 Aug 2019 15:55

Instrument :

MSVOA_D

ClientSampleId :

SU-02-080219-A

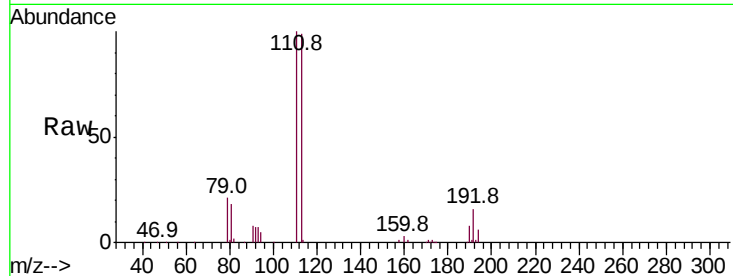
Tot Ion:113 Resp: 618820

Ion Ratio Lower Upper

113 100

111 100.9 83.2 124.8

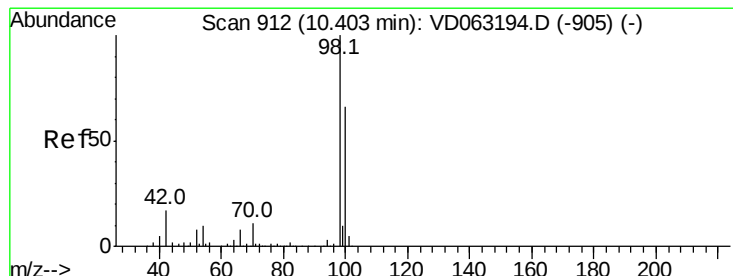
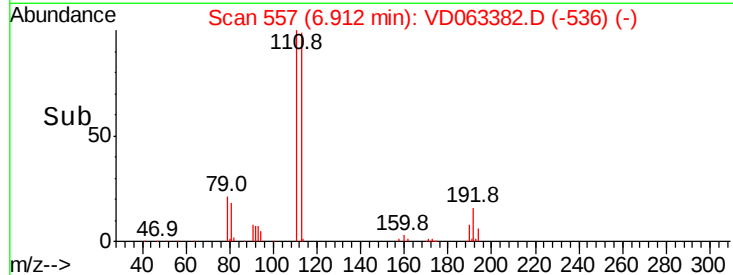
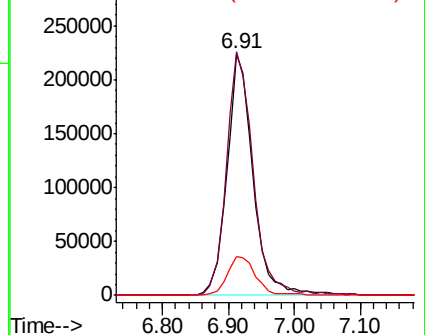
192 16.3 11.8 17.8



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: 45.132 ug/l

RT: 10.41 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063382.D

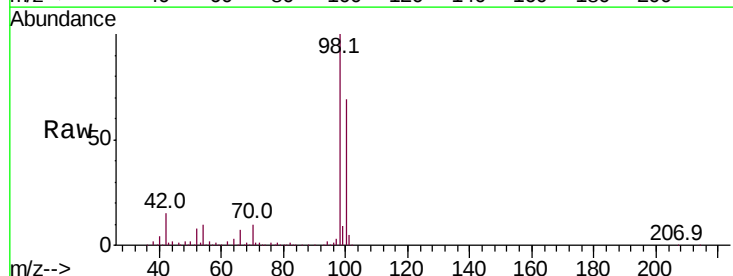
Acq: 5 Aug 2019 15:55

Tgt Ion: 98 Resp: 1272536

Ion Ratio Lower Upper

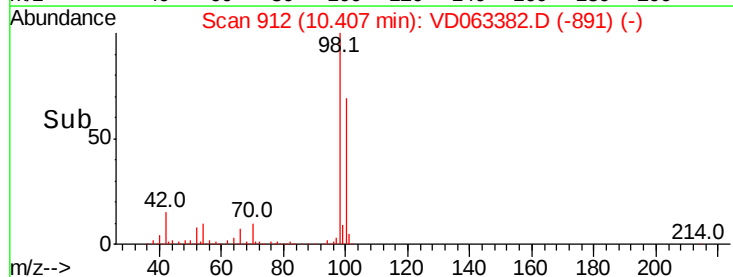
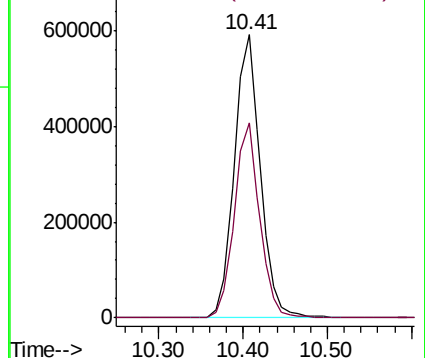
98 100

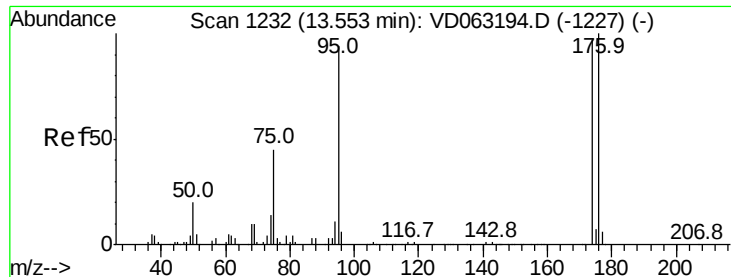
100 68.8 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 42.160 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD063382.D

Acq: 5 Aug 2019 15:55

Instrument :

MSVOA_D

ClientSampleId :

SU-02-080219-A

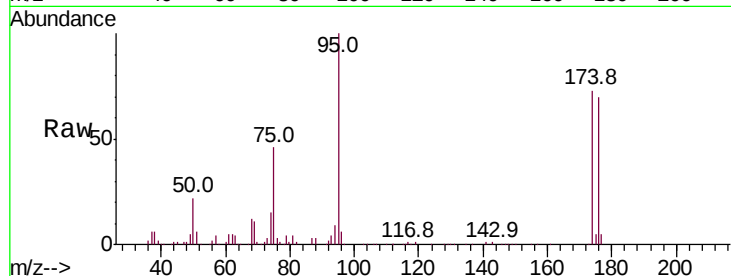
Tot Ion: 95 Resp: 541708

Ion Ratio Lower Upper

95 100

174 73.3 0.0 205.4

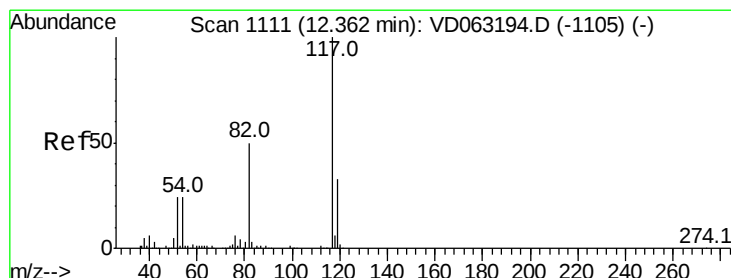
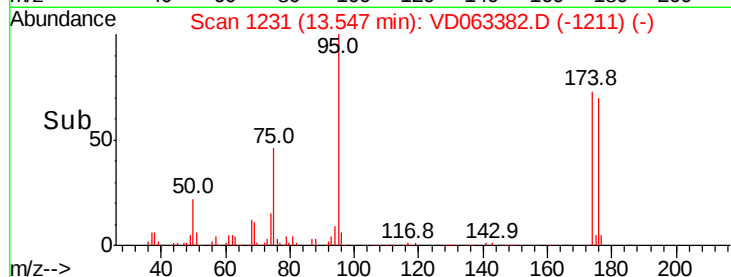
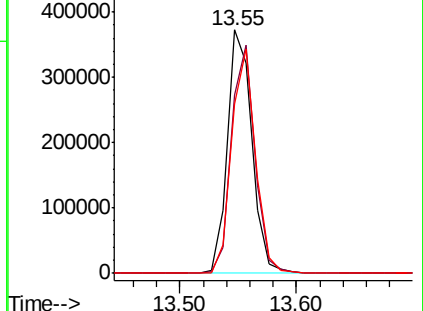
176 69.6 0.0 211.8



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: 12.37 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD063382.D

Acq: 5 Aug 2019 15:55

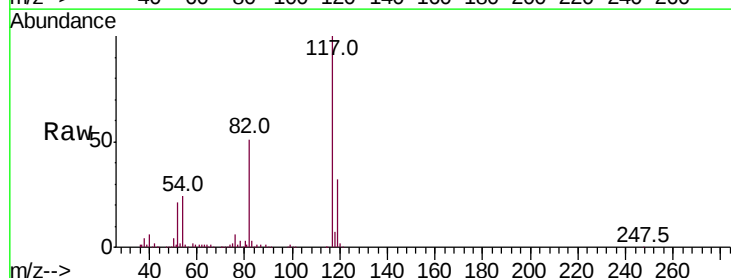
Tgt Ion: 117 Resp: 1245944

Ion Ratio Lower Upper

117 100

82 50.7 40.1 60.1

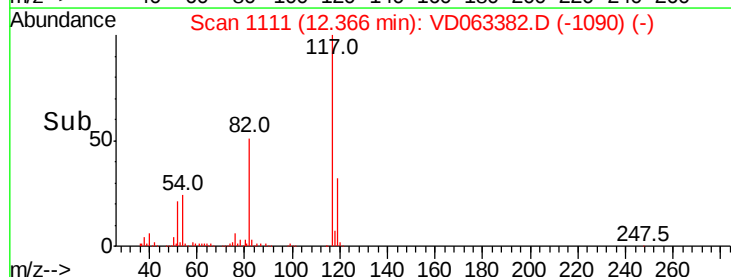
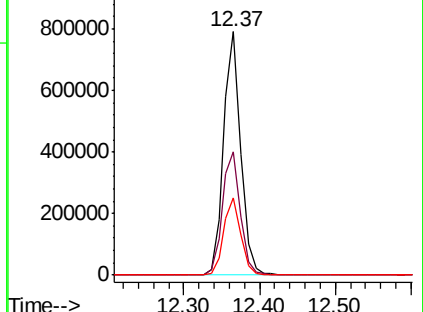
119 32.0 26.5 39.7

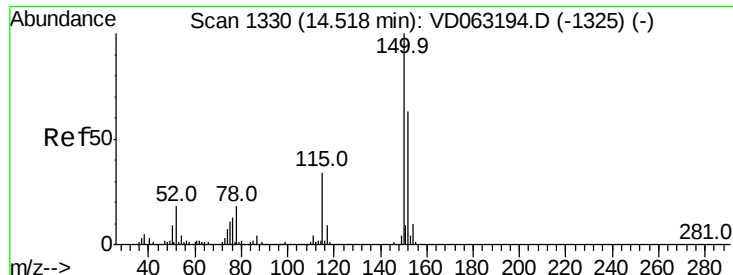


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD063382.D

Acq: 5 Aug 2019 15:55

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ClientSampleId :

SU-02-080219-A

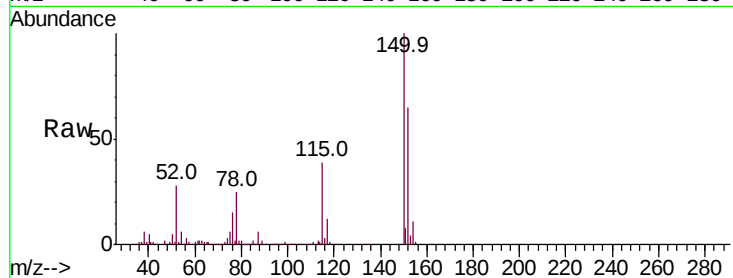
Tot Ion:152 Resp: 614811

Ion Ratio Lower Upper

152 100

115 60.3 27.5 82.4

150 153.5 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

