

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080619\
 Data File : VD063404.D
 Acq On : 6 Aug 2019 17:37
 Operator : JC/SY
 Sample : K4095-01
 Misc : 7.04g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 07 07:46:53 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

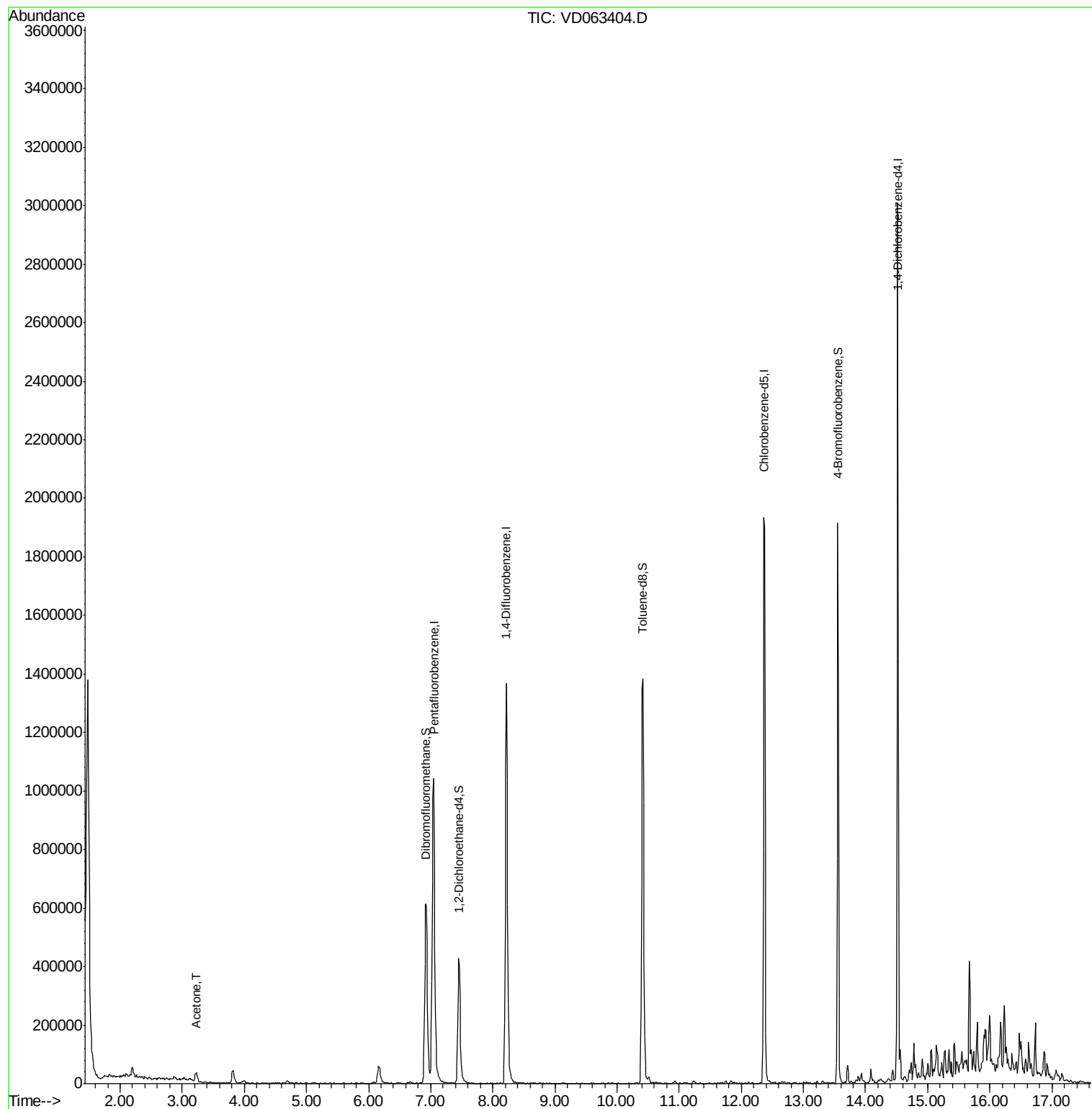
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1001723	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	1430545	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	1154787	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	617520	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	487190	43.83	ug/l	0.01
Spiked Amount 50.000			Recovery	=	87.66%	
35) Dibromofluoromethane	6.93	113	571709	46.81	ug/l	0.02
Spiked Amount 50.000			Recovery	=	93.62%	
50) Toluene-d8	10.41	98	1176341	43.04	ug/l	0.01
Spiked Amount 50.000			Recovery	=	86.08%	
62) 4-Bromofluorobenzene	13.55	95	528556	42.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.86%	
Target Compounds						
16) Acetone	3.22	43	72223	33.349	ug/l #	Qvalue 82

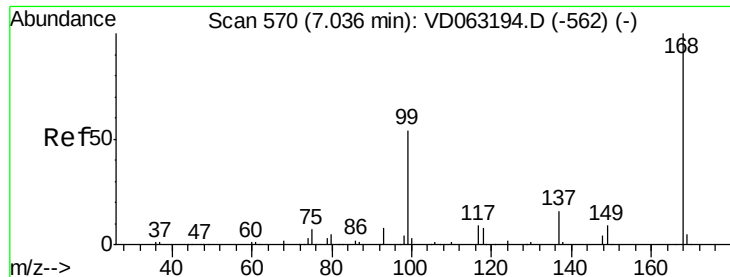
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD063404.D

Acq: 6 Aug 2019 17:37

Instrument :

MSVOA_D

ClientSampleId :

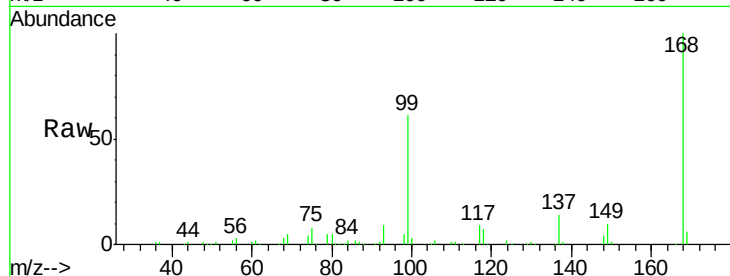
SU-02-080219-A

Tot Ion:168 Resp: 1001723

Ion Ratio Lower Upper

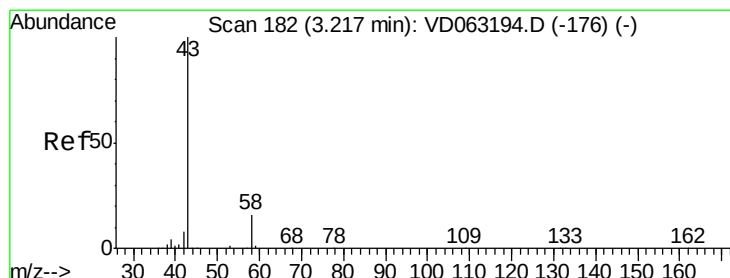
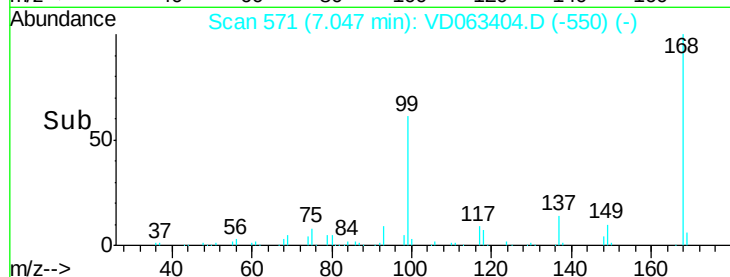
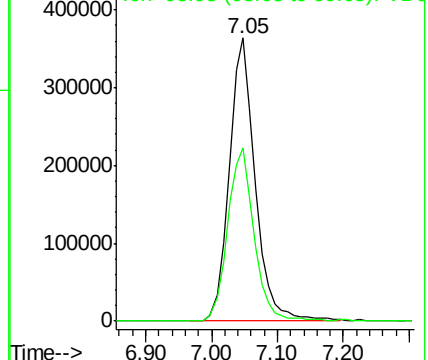
168 100

99 61.3 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 33.349 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD063404.D

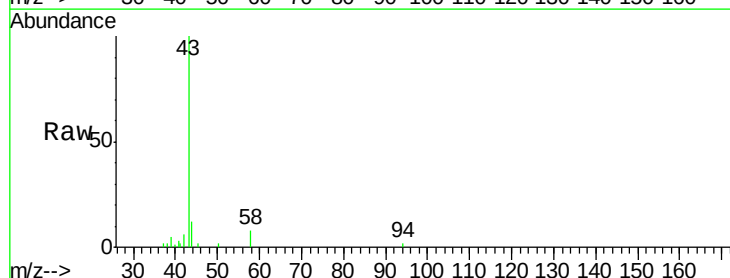
Acq: 6 Aug 2019 17:37

Tgt Ion: 43 Resp: 72223

Ion Ratio Lower Upper

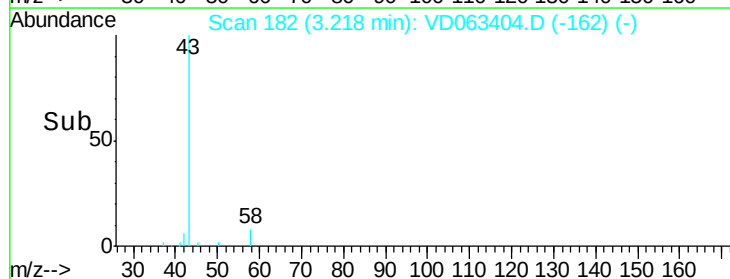
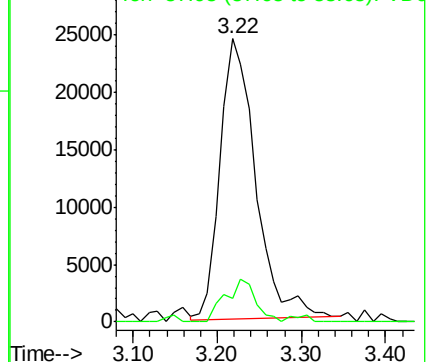
43 100

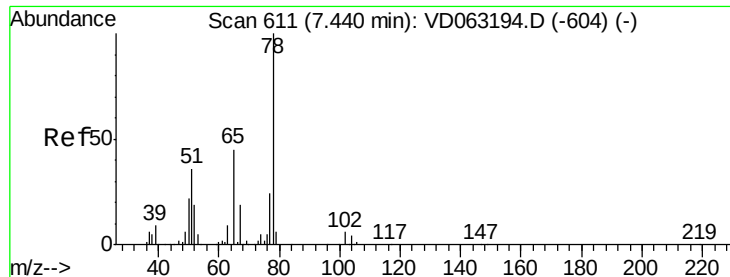
58 8.4 13.0 19.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

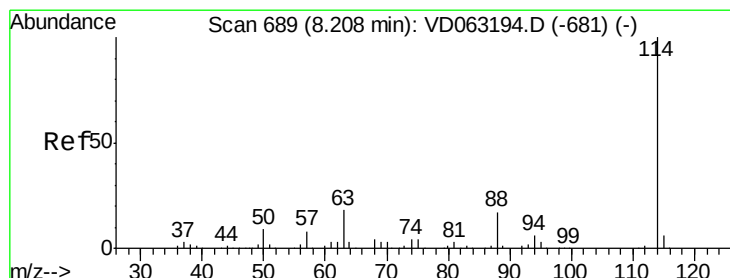
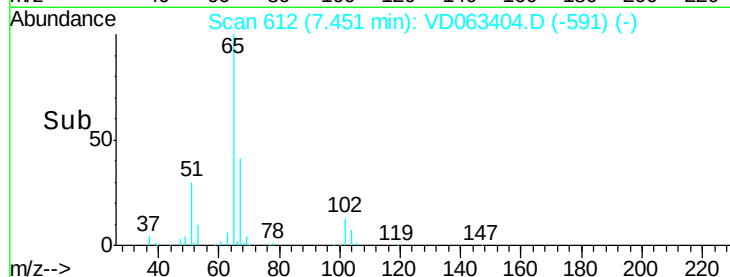
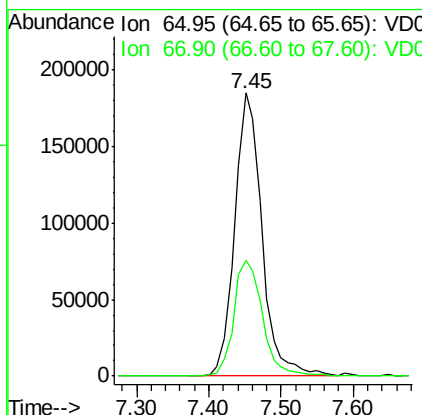
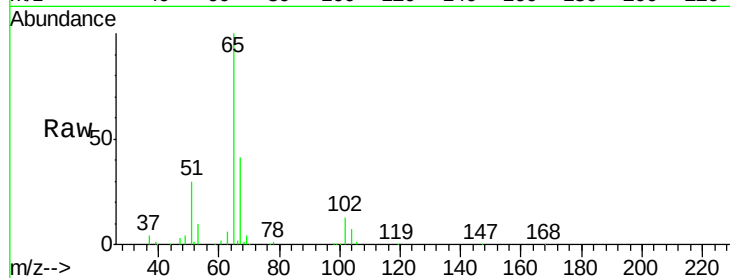




#33
 1,2-Dichloroethane-d4
 Concen: 43.831 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: VD063404.D
 Acq: 6 Aug 2019 17:37

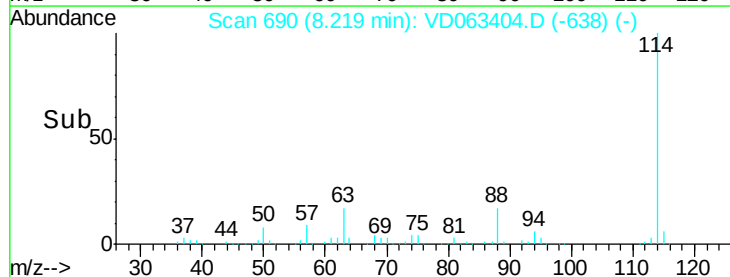
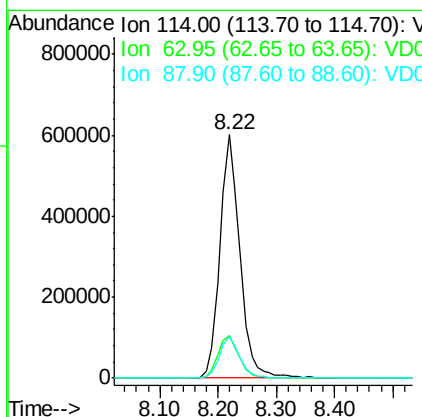
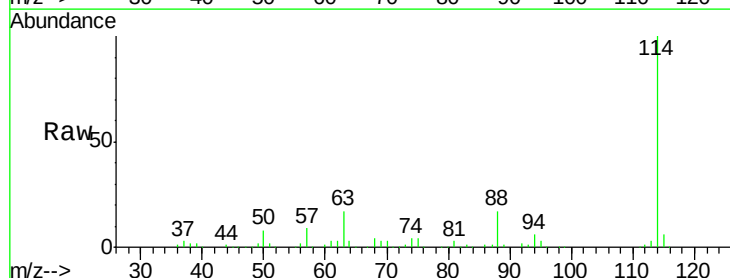
Instrument :
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 SU-02-080219-A

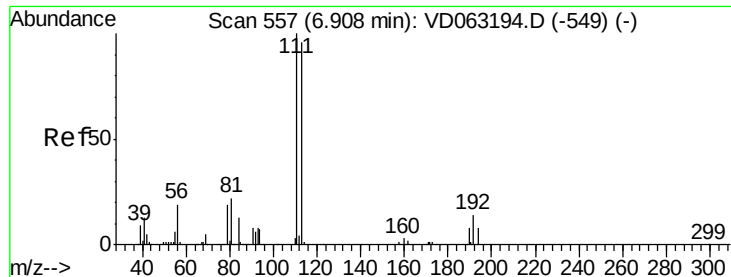
Tot Ion: 65 Resp: 487190
 Ion Ratio Lower Upper
 65 100
 67 40.7 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VD063404.D
 Acq: 6 Aug 2019 17:37

Tgt Ion: 114 Resp: 1430545
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.2
 88 17.0 0.0 34.6





#35

Dibromofluoromethane

Concen: 46.808 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.02 min

Lab File: VD063404.D

Acq: 6 Aug 2019 17:37

Instrument :

MSVOA_D

ClientSampleId :

SU-02-080219-A

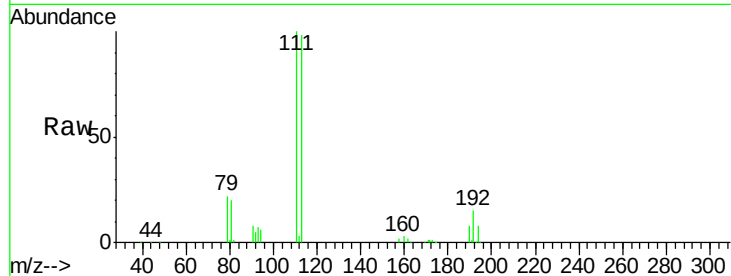
Tot Ion:113 Resp: 571709

Ion Ratio Lower Upper

113 100

111 102.4 83.2 124.8

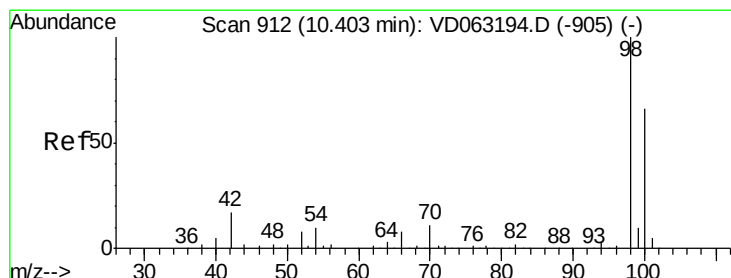
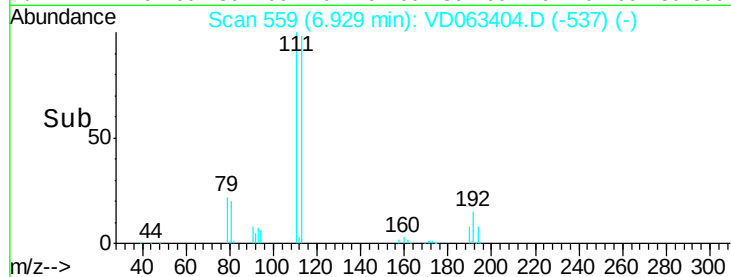
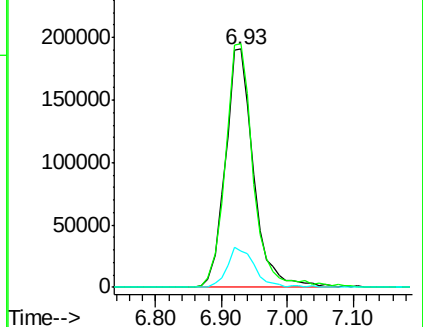
192 15.4 11.8 17.8



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: 43.035 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD063404.D

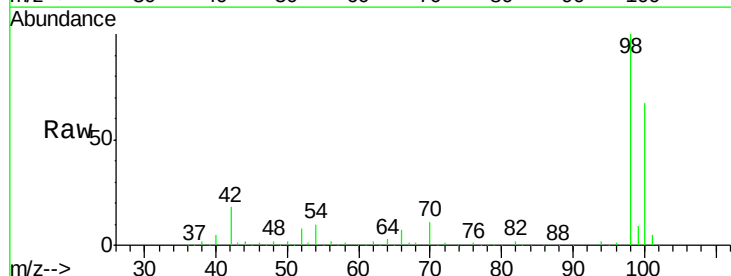
Acq: 6 Aug 2019 17:37

Tgt Ion: 98 Resp: 1176341

Ion Ratio Lower Upper

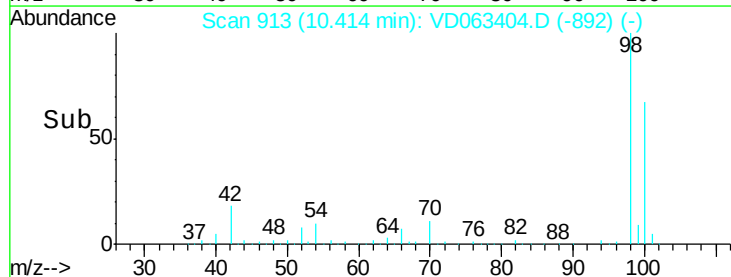
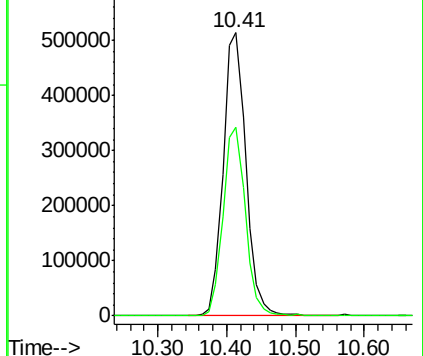
98 100

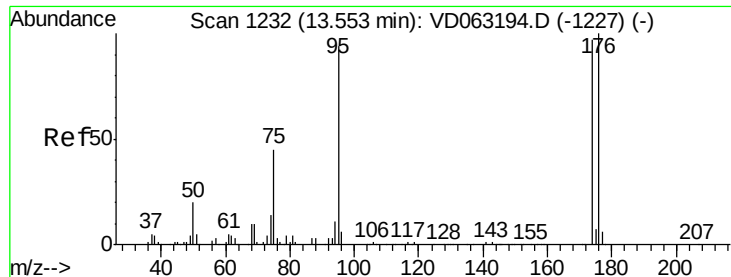
100 66.7 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 42.433 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063404.D

Acq: 6 Aug 2019 17:37

Instrument :

MSVOA_D

ClientSampleId :

SU-02-080219-A

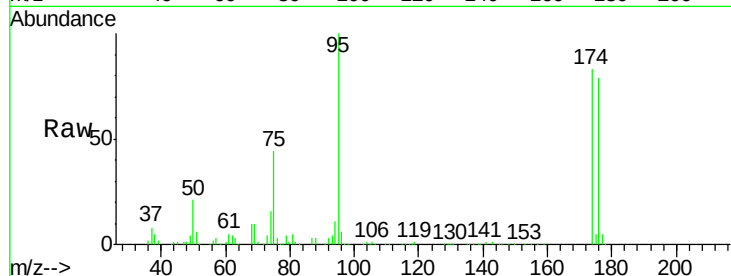
Tot Ion: 95 Resp: 528556

Ion Ratio Lower Upper

95 100

174 82.9 0.0 205.4

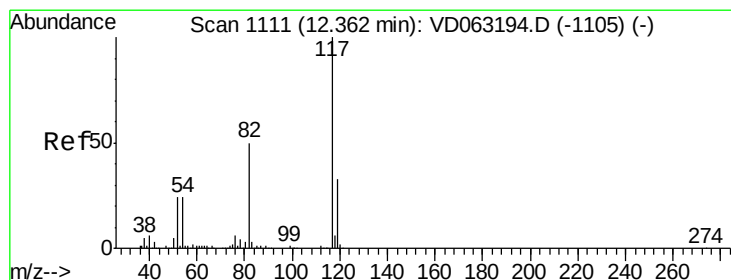
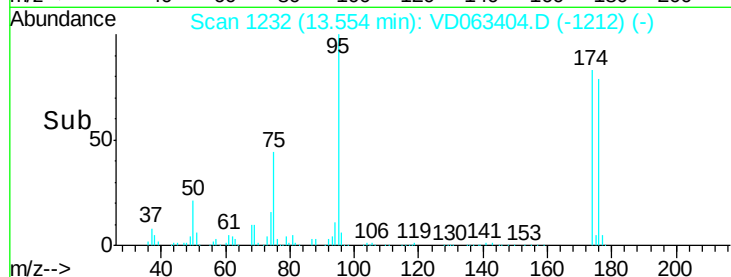
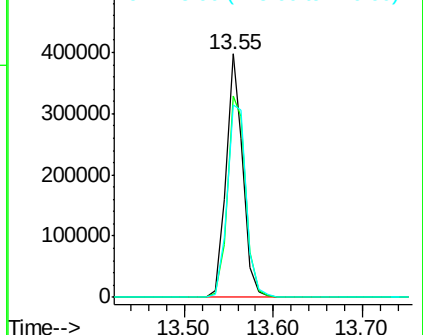
176 79.0 0.0 211.8



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# 1112

Delta R.T. 0.01 min

Lab File: VD063404.D

Acq: 6 Aug 2019 17:37

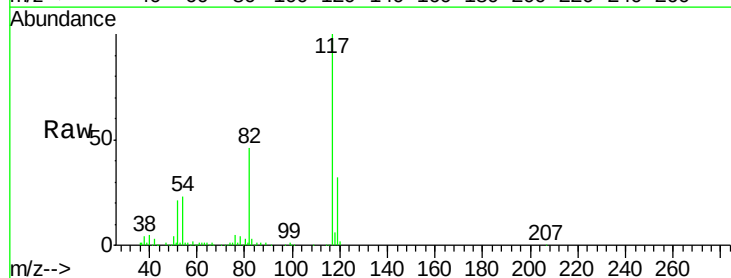
Tgt Ion: 117 Resp: 1154787

Ion Ratio Lower Upper

117 100

82 46.1 40.1 60.1

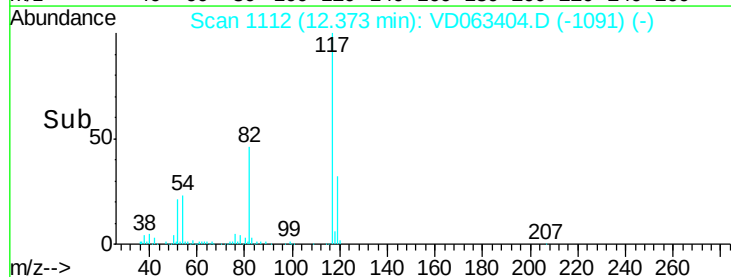
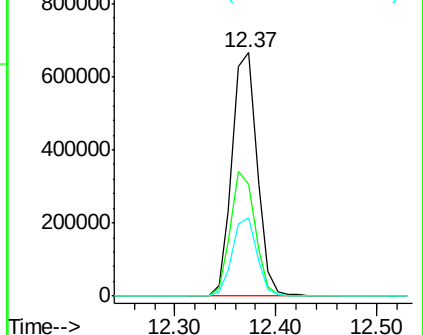
119 32.5 26.5 39.7

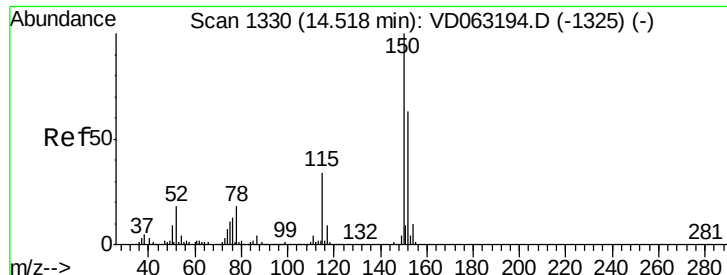


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD063404.D

Acq: 6 Aug 2019 17:37

Instrument :

MSVOA_D

ClientSampleId :

SU-02-080219-A

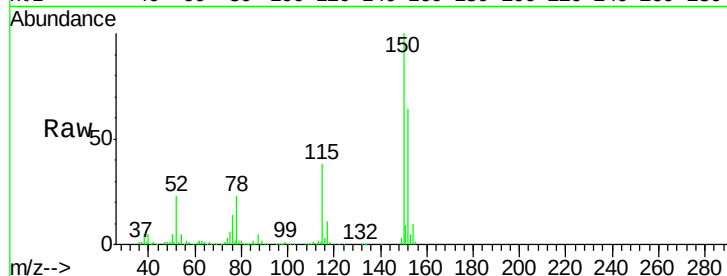
Tot Ion:152 Resp: 617520

Ion Ratio Lower Upper

152 100

115 59.4 27.5 82.4

150 155.3 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

