

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062818\
 Data File : VF059366.D
 Acq On : 28 Jun 2018 17:52
 Operator : VA/AP
 Sample : J3715-01
 Misc : 5.03g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SS-SIDEWALK-CON

Quant Time: Jun 29 05:18:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	274609	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.76	114	414933	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	385618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	206133	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	153687	43.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.64%	
35) Dibromofluoromethane	4.29	113	151016	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
50) Toluene-d8	7.71	98	331880	44.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.42%	
62) 4-Bromofluorobenzene	11.51	95	186926	44.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.30%	

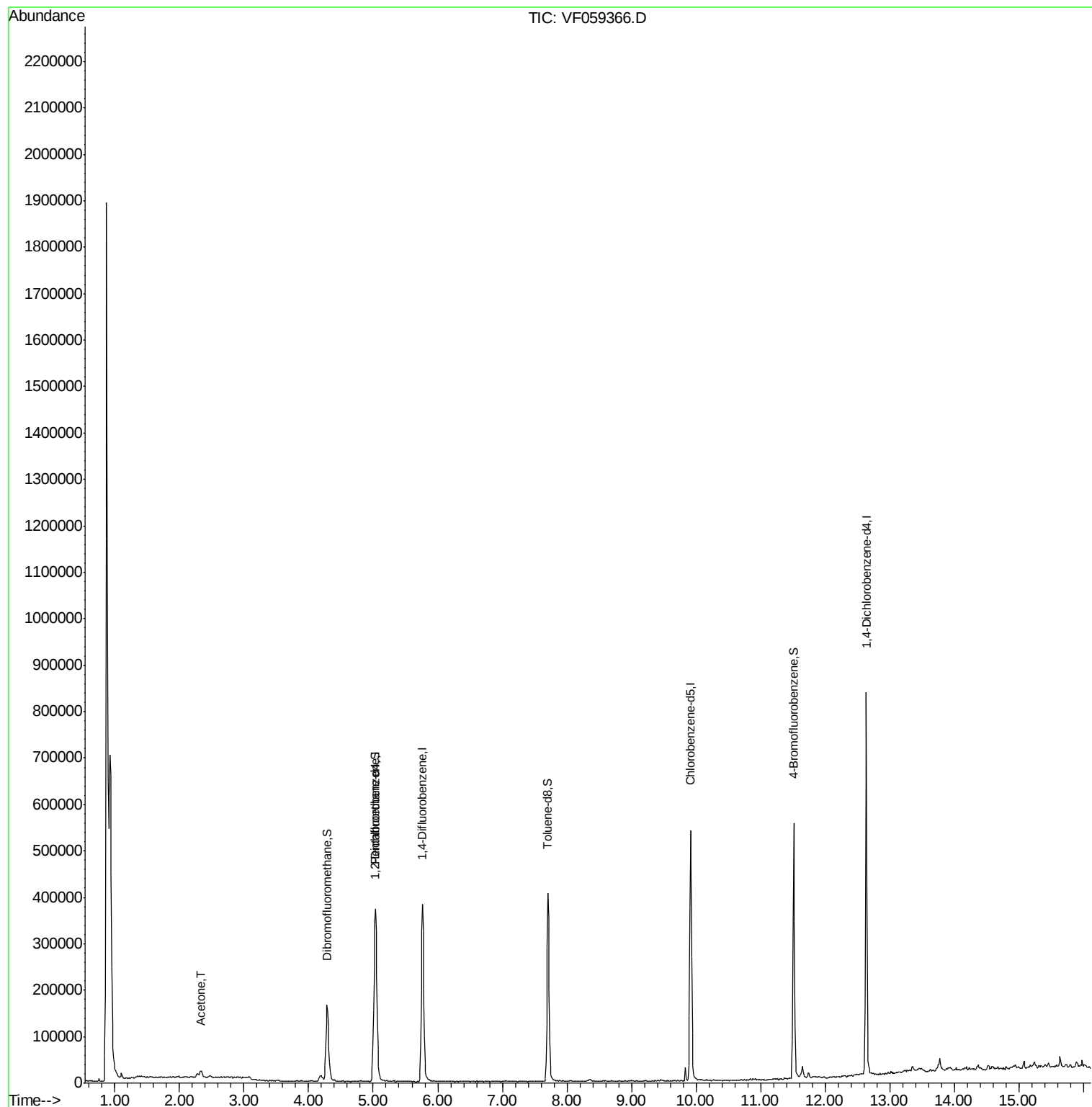
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.33	43	18047	10.60	ug/l	99

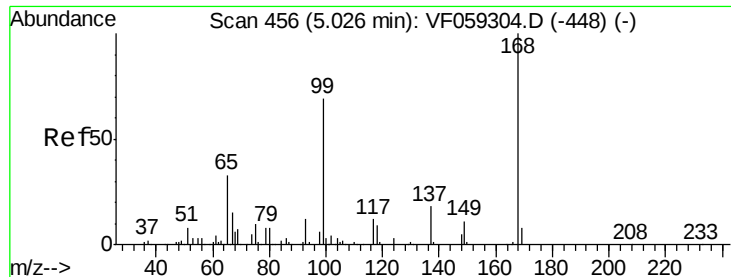
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 26 08:45:17 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.02 min

Lab File: VF059366.D

Acq: 28 Jun 2018 17:52

Instrument :

MSVOA_F

ClientSampleId :

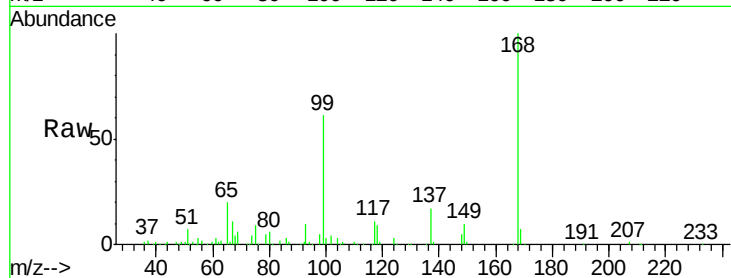
SS-SIDEWALK-CON

Tot Ion:168 Resp: 274609

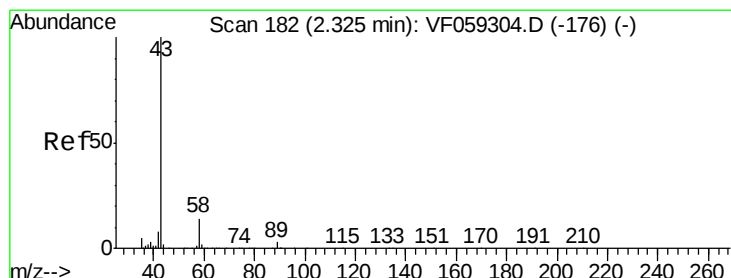
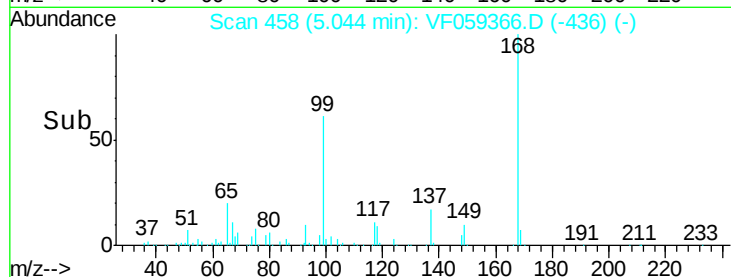
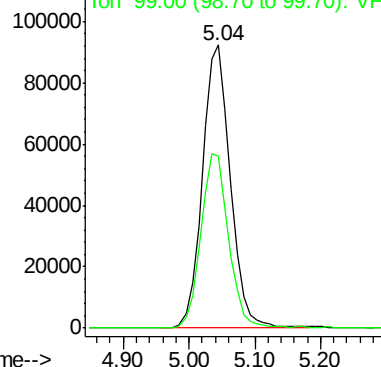
Ion Ratio Lower Upper

168 100

99 60.7 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0



#16

Acetone

Concen: 10.60 ug/l

RT: 2.33 min Scan# 183

Delta R.T. 0.01 min

Lab File: VF059366.D

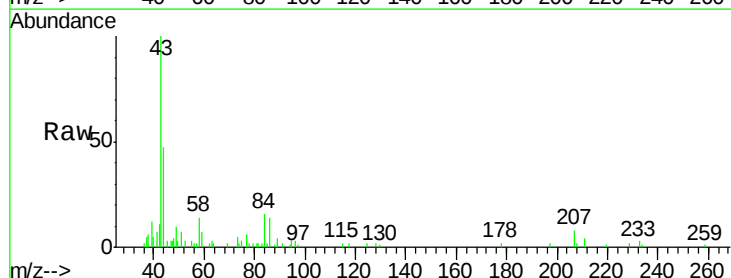
Acq: 28 Jun 2018 17:52

Tgt Ion: 43 Resp: 18047

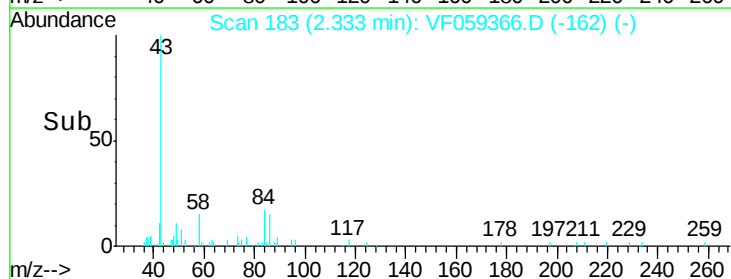
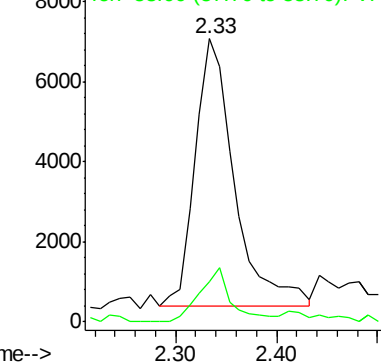
Ion Ratio Lower Upper

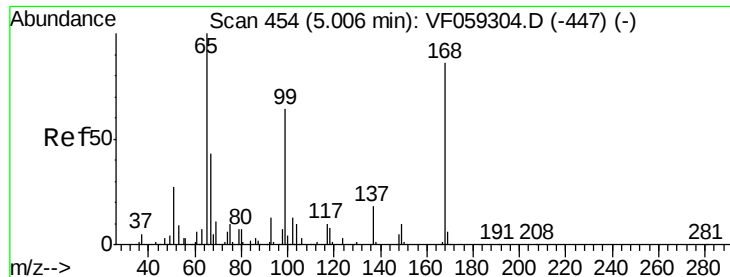
43 100

58 14.4 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 43.32 ug/l

RT: 5.01 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059366.D

Acq: 28 Jun 2018 17:52

Instrument :

MSVOA_F

ClientSampleId :

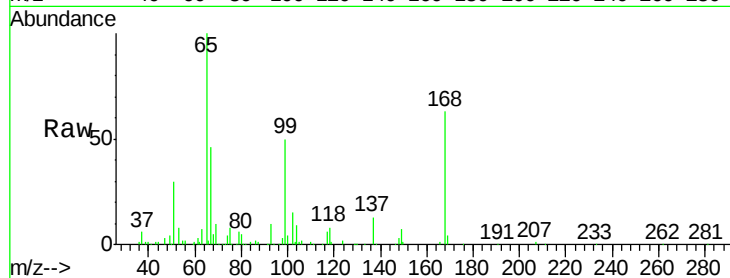
SS-SIDEWALK-CON

Tot Ion: 65 Resp: 153687

Ion Ratio Lower Upper

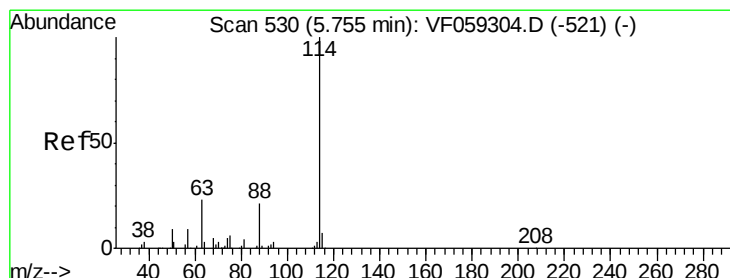
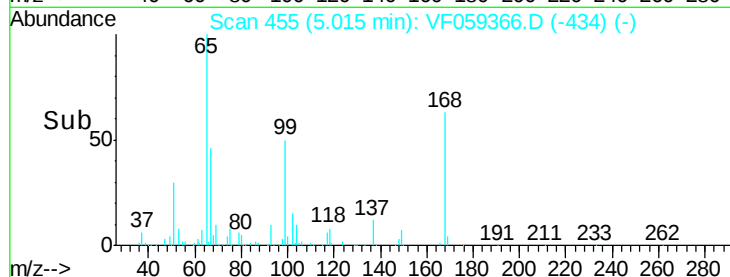
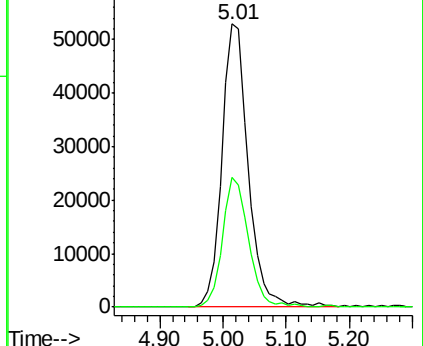
65 100

67 45.9 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. 0.01 min

Lab File: VF059366.D

Acq: 28 Jun 2018 17:52

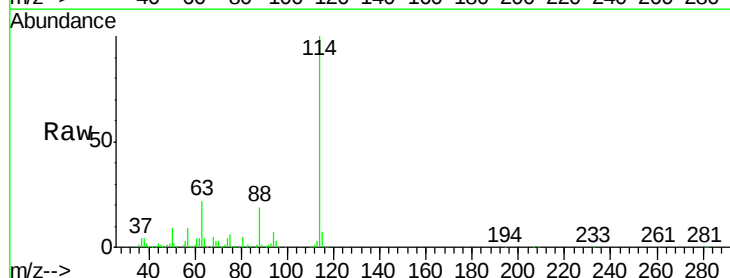
Tgt Ion: 114 Resp: 414933

Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.8

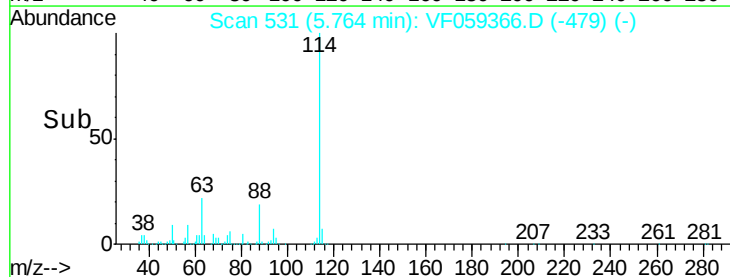
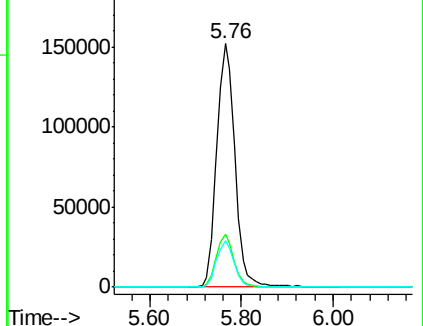
88 18.9 0.0 41.2

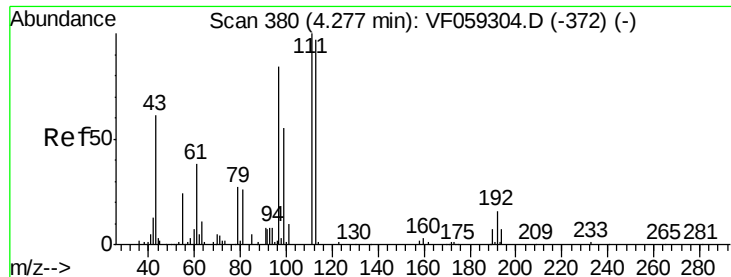


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 49.81 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059366.D

Acq: 28 Jun 2018 17:52

Instrument :

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ClientSampleId :

SS-SIDEWALK-CON

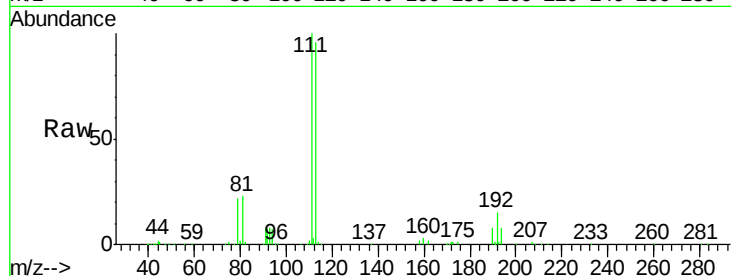
Tot Ion:113 Resp: 151016

Ion Ratio Lower Upper

113 100

111 104.0 82.1 123.1

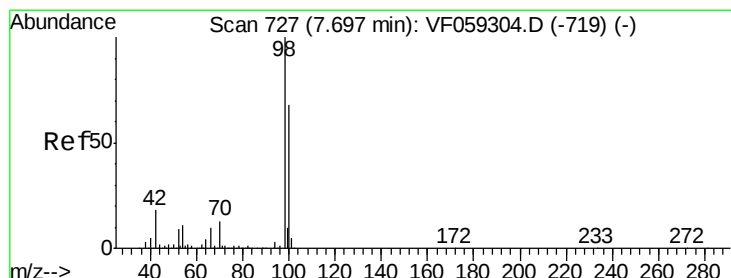
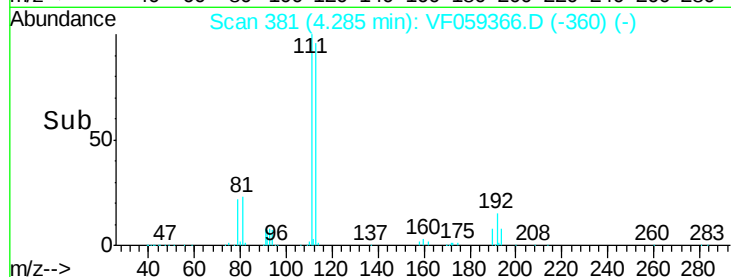
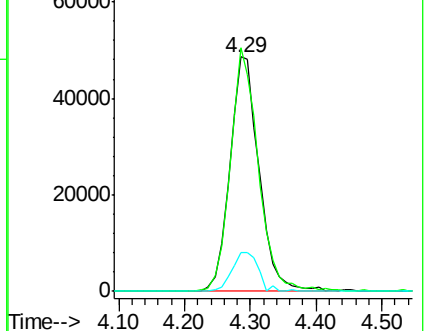
192 16.4 13.0 19.6



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#50

Toluene-d8

Concen: 44.21 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.01 min

Lab File: VF059366.D

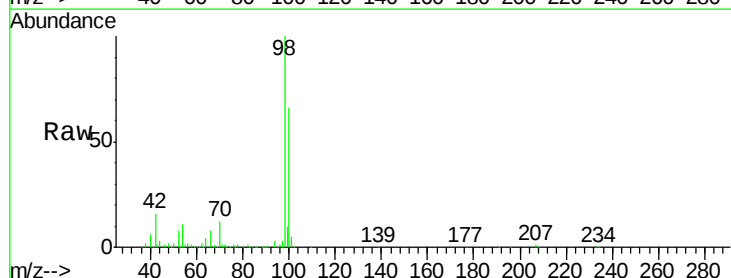
Acq: 28 Jun 2018 17:52

Tgt Ion: 98 Resp: 331880

Ion Ratio Lower Upper

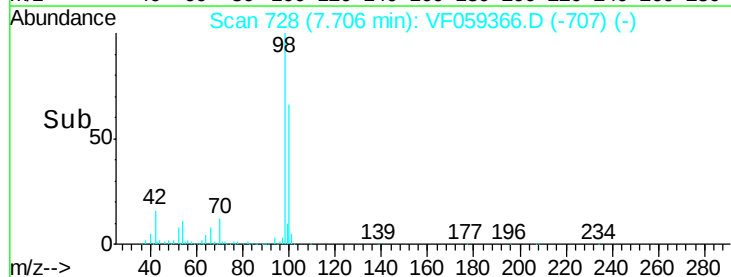
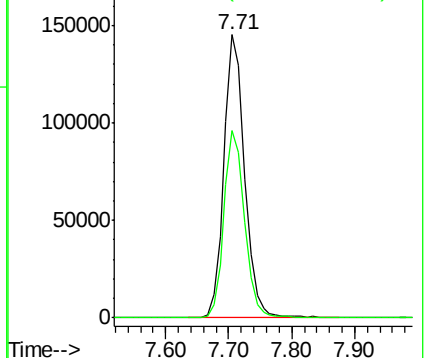
98 100

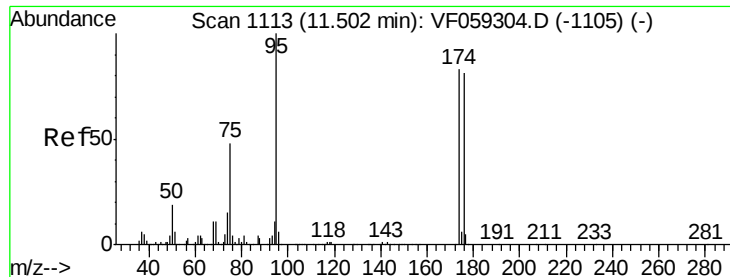
100 66.3 54.6 82.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#62

4-Bromofluorobenzene

Concen: 44.15 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VF059366.D

Acq: 28 Jun 2018 17:52

Instrument :

MSVOA_F

ClientSampleId :

SS-SIDEWALK-CON

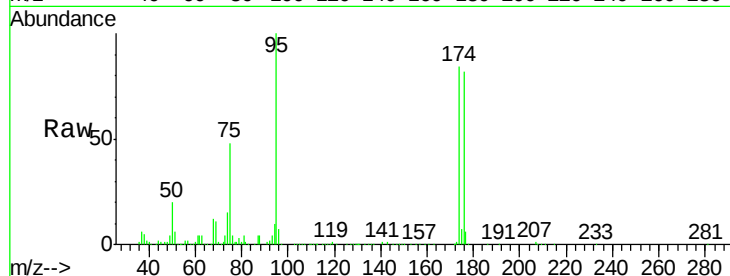
Tot Ion: 95 Resp: 186926

Ion Ratio Lower Upper

95 100

174 84.3 0.0 165.2

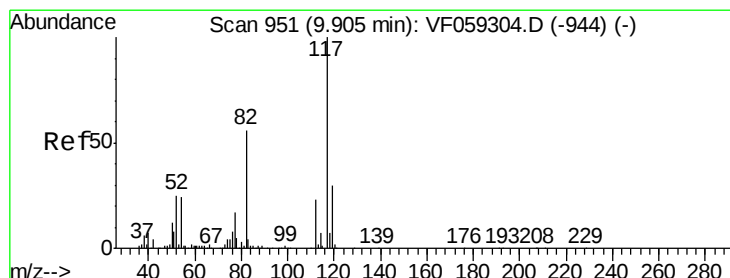
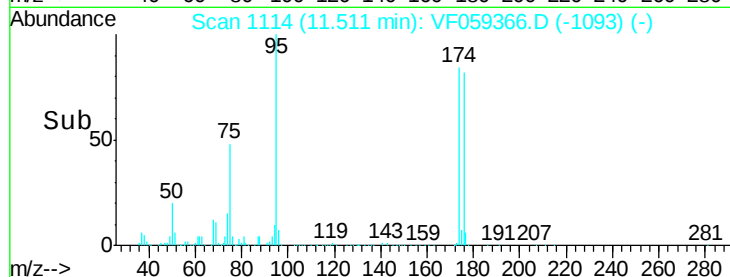
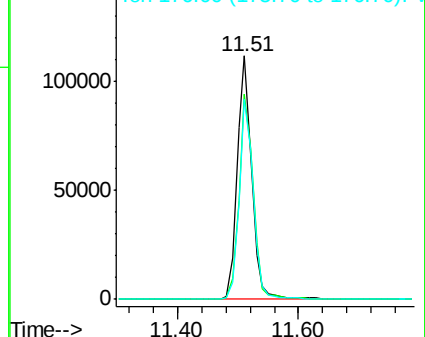
176 82.0 0.0 161.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.91 min Scan# 952

Delta R.T. 0.01 min

Lab File: VF059366.D

Acq: 28 Jun 2018 17:52

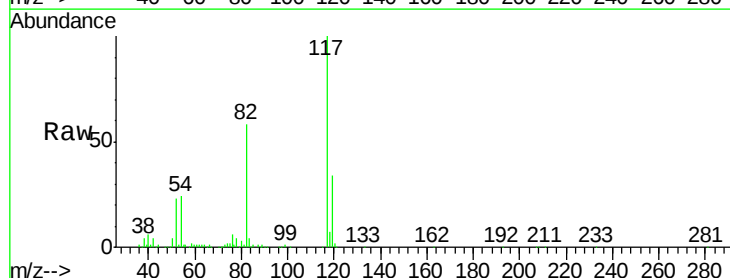
Tgt Ion: 117 Resp: 385618

Ion Ratio Lower Upper

117 100

82 57.6 44.6 66.8

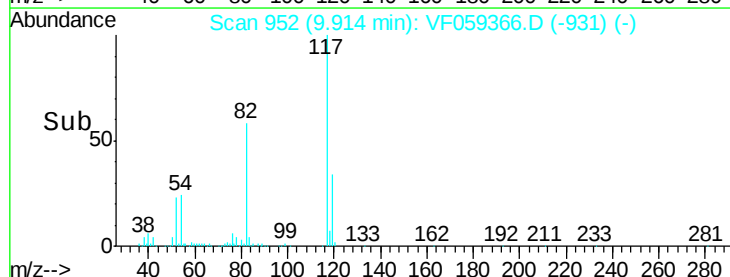
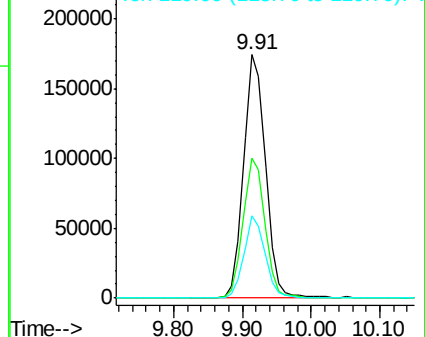
119 33.9 24.1 36.1

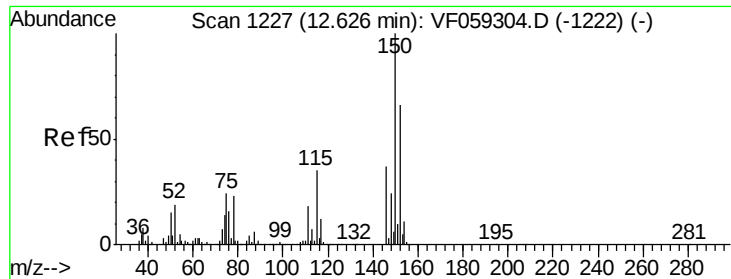


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VF059366.D

Acq: 28 Jun 2018 17:52

Instrument :

MSVOA_F

ClientSampleId :

SS-SIDEWALK-CON

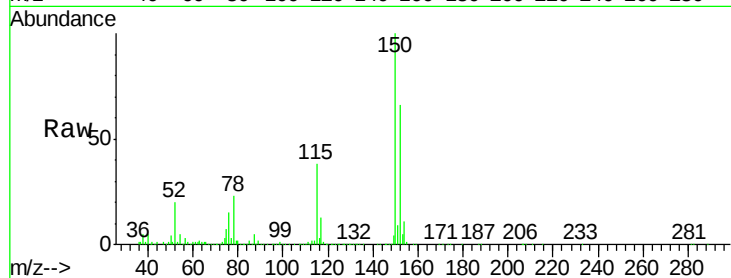
Tot Ion:152 Resp: 206133

Ion Ratio Lower Upper

152 100

115 58.1 27.1 81.3

150 151.9 0.0 305.2



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

