

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042619\
 Data File : VF062309.D
 Acq On : 26 Apr 2019 16:59
 Operator : FY/SY
 Sample : K2584-02
 Misc : 6.90g/5mL/MSVOA F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SSSI-0419-S-DH-7

Quant Time: Apr 27 01:11:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 2019
 Response via : Initial Calibration

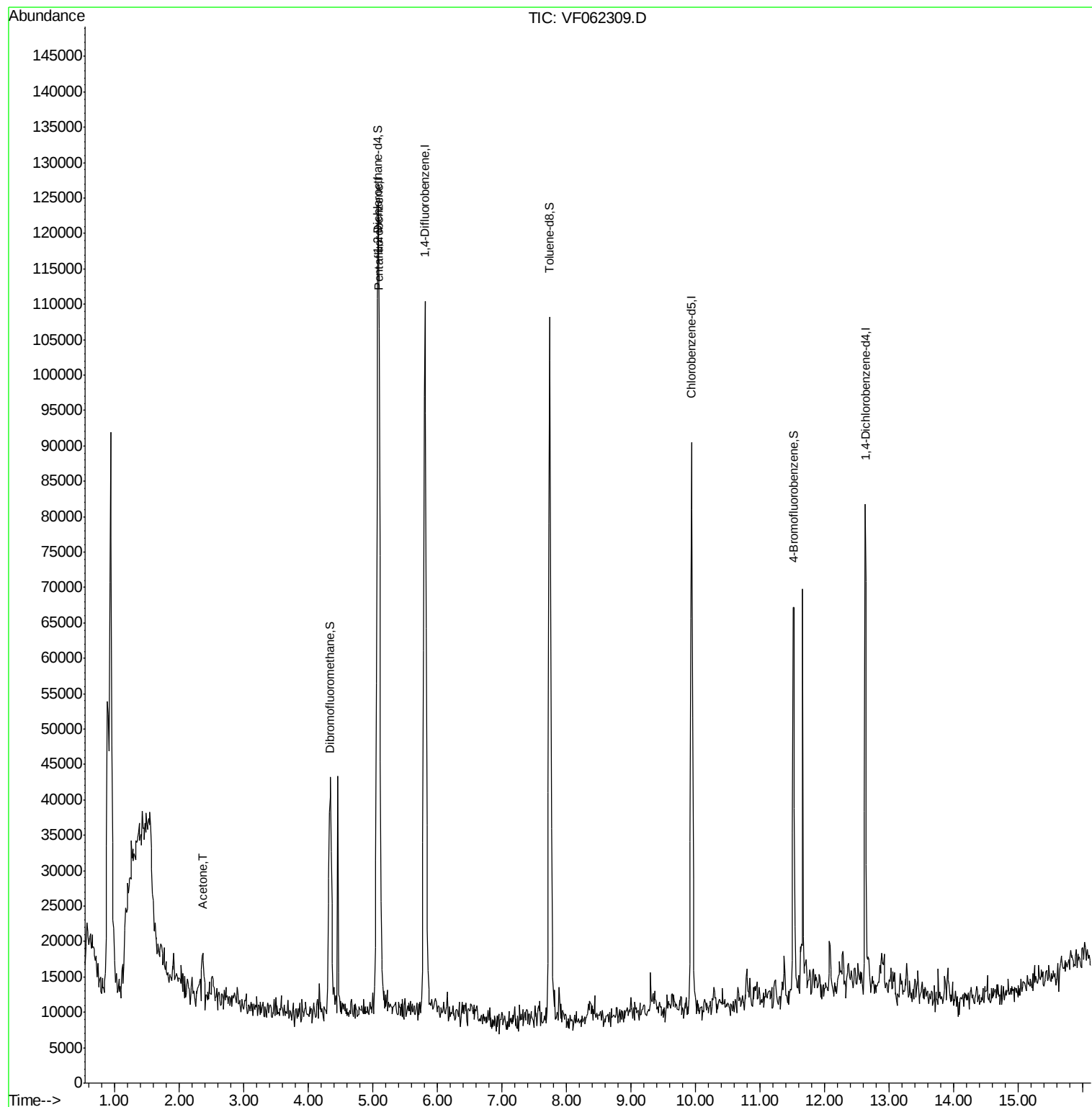
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.09	168	111517	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.81	114	117680	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.94	117	61680	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.64	152	18030	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.07	65	17617	19.50	ug/l	0.03
Spiked Amount 50.000			Recovery	=	39.00%	
35) Dibromofluoromethane	4.33	113	30841	35.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.70%	
50) Toluene-d8	7.74	98	90251	42.35	ug/l	0.02
Spiked Amount 50.000			Recovery	=	84.70%	
62) 4-Bromofluorobenzene	11.51	95	20262	23.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	46.12%	
Target Compounds						
16) Acetone	2.37	43	8920	44.105	ug/l #	Qvalue 90

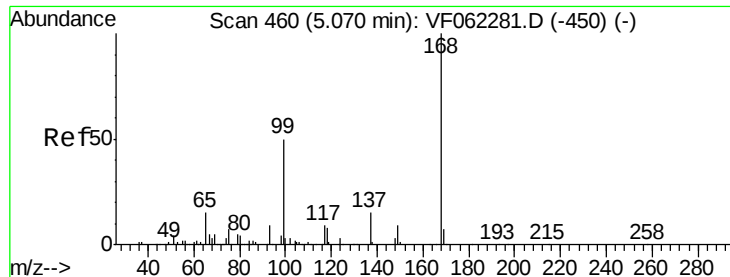
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.09 min Scan# 462

Delta R.T. 0.02 min

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ClientSampleId :

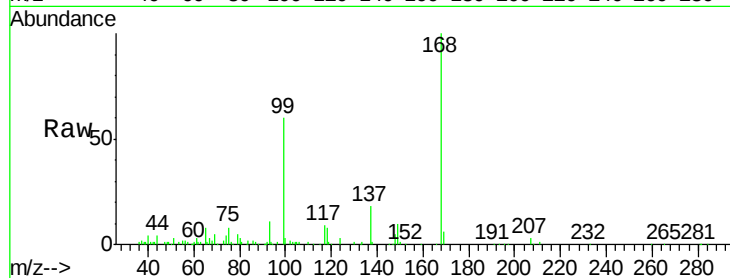
SSSI-0419-S-DH-7

Tot Ion:168 Resp: 111517

Ion Ratio Lower Upper

168 100

99 59.6 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.09

40000

30000

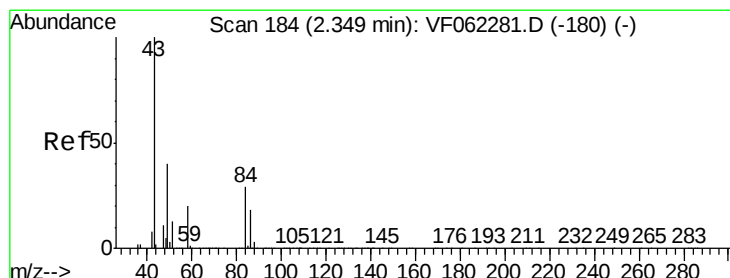
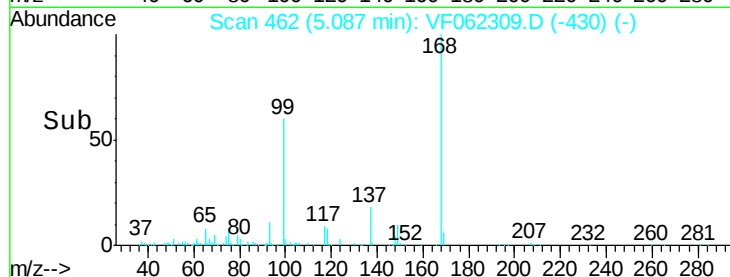
20000

10000

0

4.90 5.00 5.10 5.20 5.30

Time-->



#16

Acetone

Concen: 44.105 ug/l

RT: 2.37 min Scan# 186

Delta R.T. 0.02 min

Lab File: VF062309.D

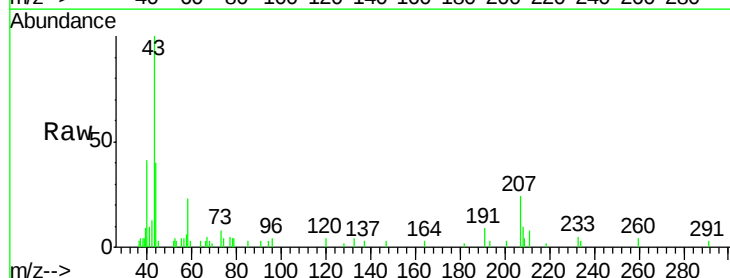
Acq: 26 Apr 2019 16:59

Tgt Ion: 43 Resp: 8920

Ion Ratio Lower Upper

43 100

58 25.1 16.4 24.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.37

5000

4000

3000

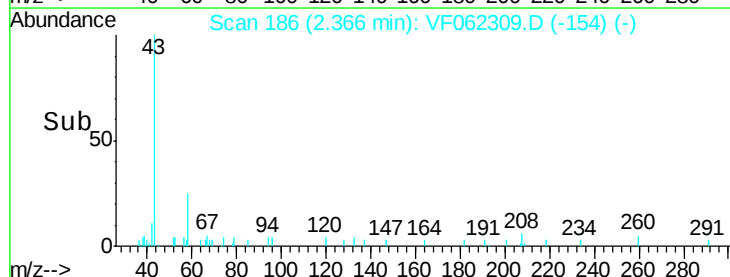
2000

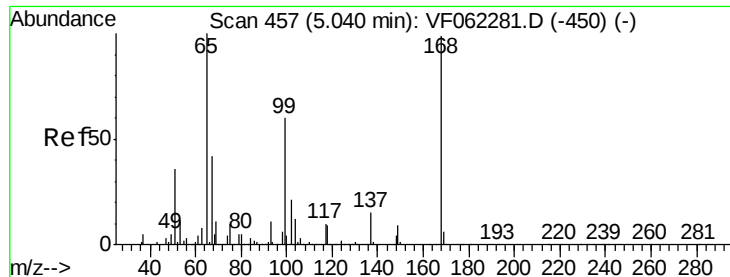
1000

0

2.25 2.30 2.35 2.40 2.45

Time-->





#33

1,2-Dichloroethane-d4

Concen: 19.503 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.03 min

Lab File: VF062309.D

Acq: 26 Apr 2019 16:59

Instrument :

MSVOA_F

ClientSampleId :

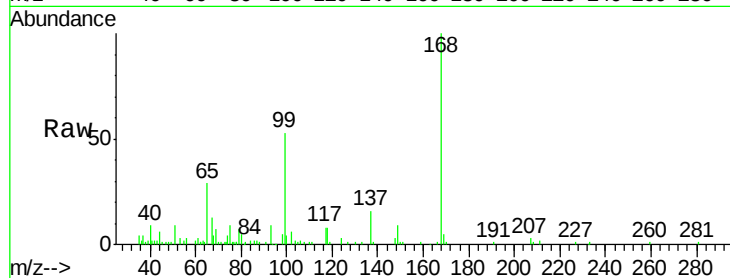
SSSI-0419-S-DH-7

Tot Ion: 65 Resp: 17617

Ion Ratio Lower Upper

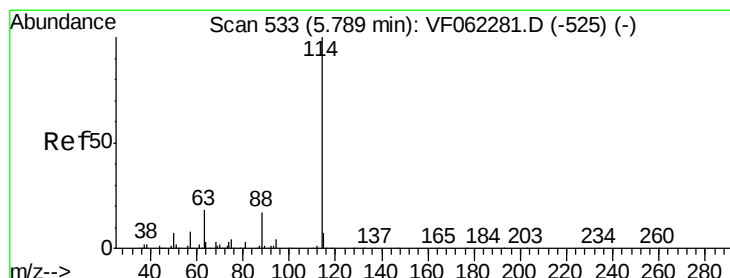
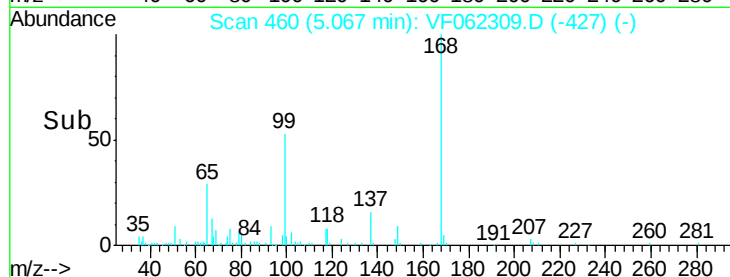
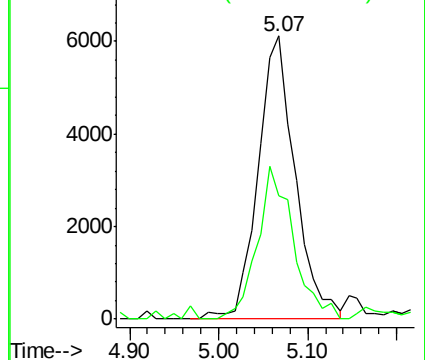
65 100

67 52.3 0.0 98.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.81 min Scan# 535

Delta R.T. 0.02 min

Lab File: VF062309.D

Acq: 26 Apr 2019 16:59

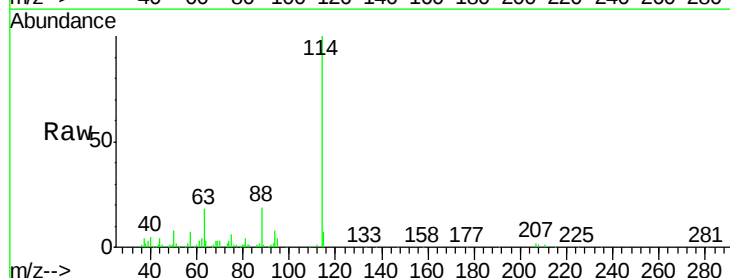
Tgt Ion: 114 Resp: 117680

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.6

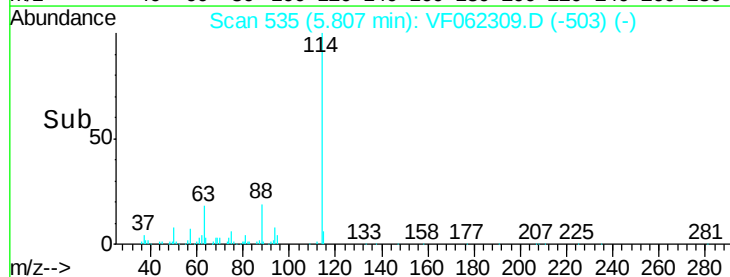
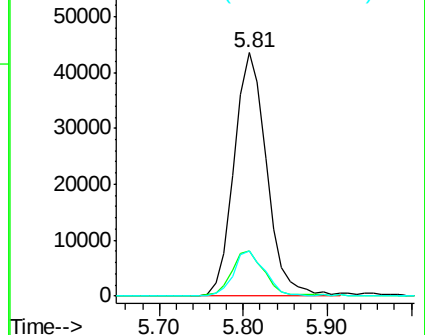
88 18.6 0.0 34.6

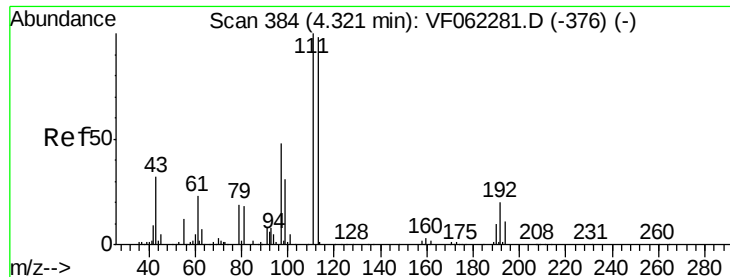


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0





#35

Dibromofluoromethane

Concen: 35.346 ug/l

RT: 4.33 min Scan# 385

Delta R.T. 0.01 min

Lab File: VF062309.D

Acq: 26 Apr 2019 16:59

Instrument :

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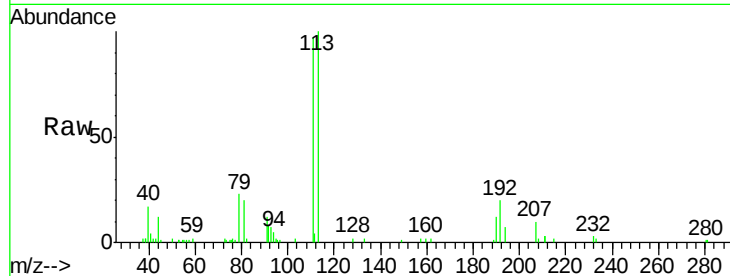
Tot Ion:113 Resp: 30841

Ion Ratio Lower Upper

113 100

111 104.9 81.4 122.2

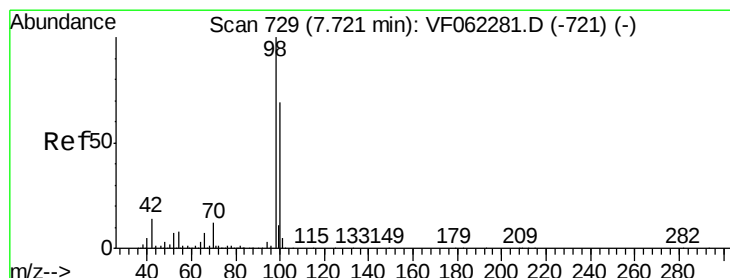
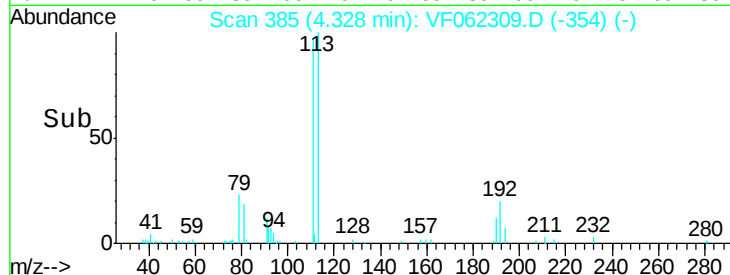
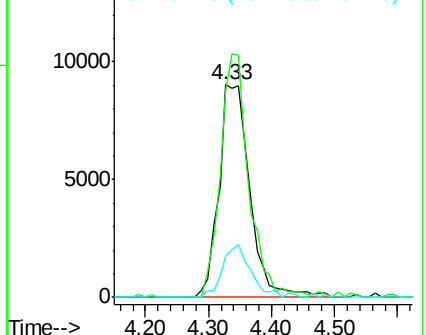
192 23.0 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 42.346 ug/l

RT: 7.74 min Scan# 731

Delta R.T. 0.02 min

Lab File: VF062309.D

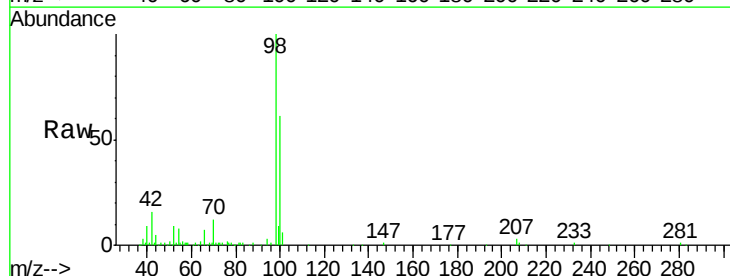
Acq: 26 Apr 2019 16:59

Tgt Ion: 98 Resp: 90251

Ion Ratio Lower Upper

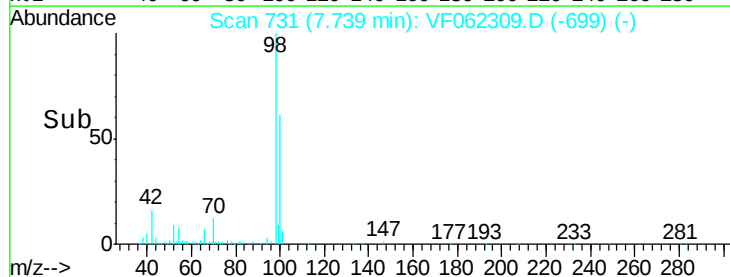
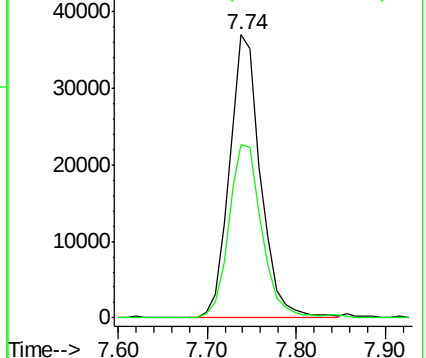
98 100

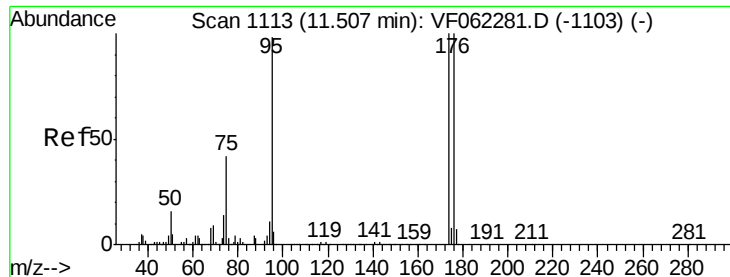
100 65.1 54.4 81.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#62

4-Bromofluorobenzene

Concen: 23.065 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VF062309.D

Acq: 26 Apr 2019 16:59

Instrument :

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ClientSampleId :

SSSI-0419-S-DH-7

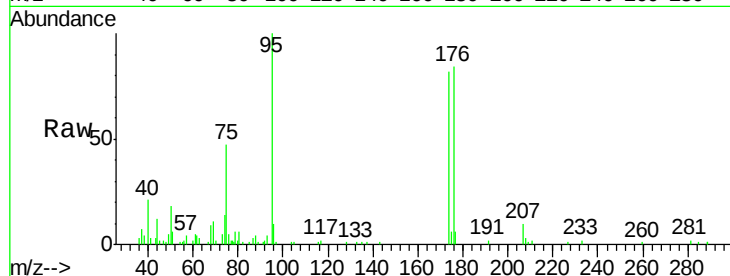
Tot Ion: 95 Resp: 20262

Ion Ratio Lower Upper

95 100

174 99.3 0.0 185.2

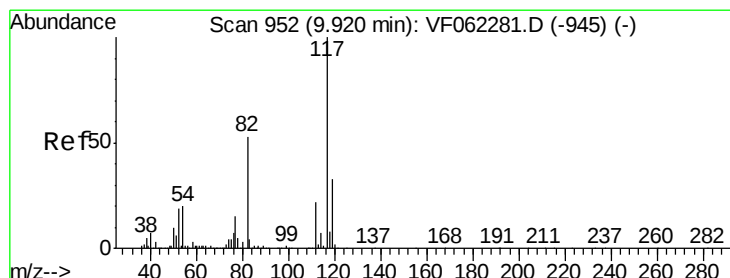
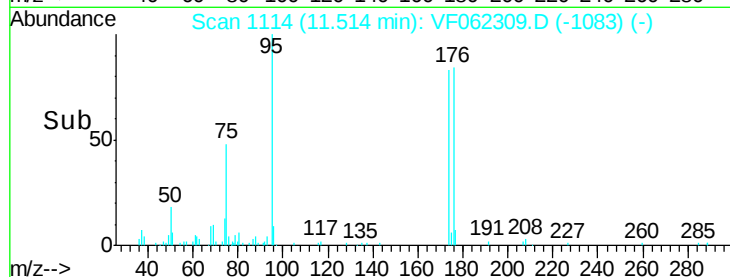
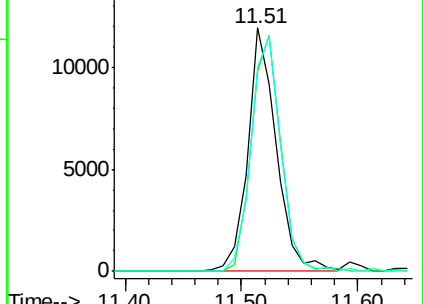
176 99.6 0.0 184.8



Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.94 min Scan# 954

Delta R.T. 0.02 min

Lab File: VF062309.D

Acq: 26 Apr 2019 16:59

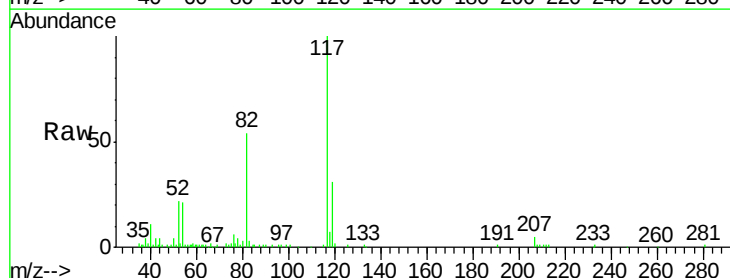
Tgt Ion: 117 Resp: 61680

Ion Ratio Lower Upper

117 100

82 53.5 42.6 64.0

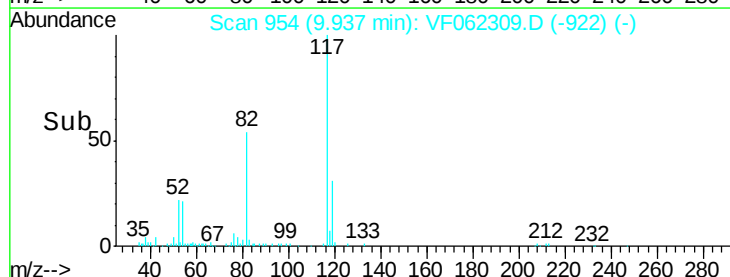
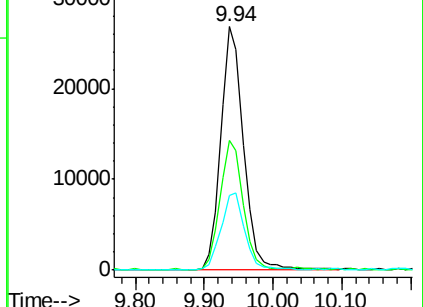
119 30.8 26.1 39.1

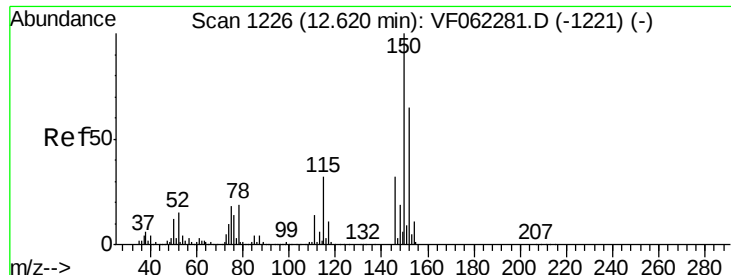


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.64 min Scan# 1228

Delta R.T. 0.02 min

Lab File: VF062309.D

Acq: 26 Apr 2019 16:59

Instrument :

MSVOA_F

ClientSampleId :

SSSI-0419-S-DH-7

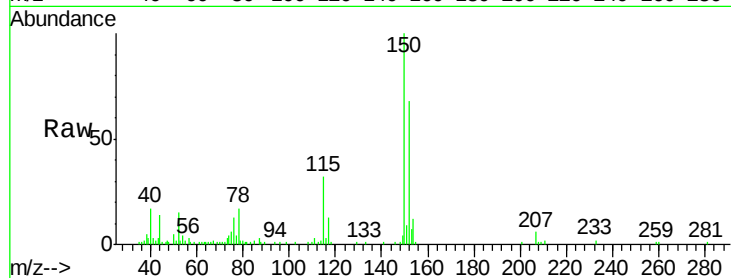
Tot Ion:152 Resp: 18030

Ion Ratio Lower Upper

152 100

115 55.4 25.6 76.8

150 163.4 0.0 330.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

