

Data File : VF062468.D
Acq On : 11 May 2019 19:00
Operator : FY/SY
Sample : K2734-16
Misc : 3.77g/5mL/MSVOA_F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-0002-01

Quant Time: May 12 04:38:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	178639	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	240670	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.91	117	177958	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	92524	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	129769	76.87	ug/l	0.02
Spiked Amount 50.000			Recovery	=	153.74%	
35) Dibromofluoromethane	4.31	113	142125	74.12	ug/l	0.01
Spiked Amount 50.000			Recovery	=	148.24%	
50) Toluene-d8	7.72	98	178496	38.46	ug/l	0.01
Spiked Amount 50.000			Recovery	=	76.92%	
62) 4-Bromofluorobenzene	11.50	95	82779	39.53	ug/l	0.01
Spiked Amount 50.000			Recovery	=	79.06%	
Target Compounds						
16) Acetone	2.35	43	38555	112.895	ug/l	Qvalue 99

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

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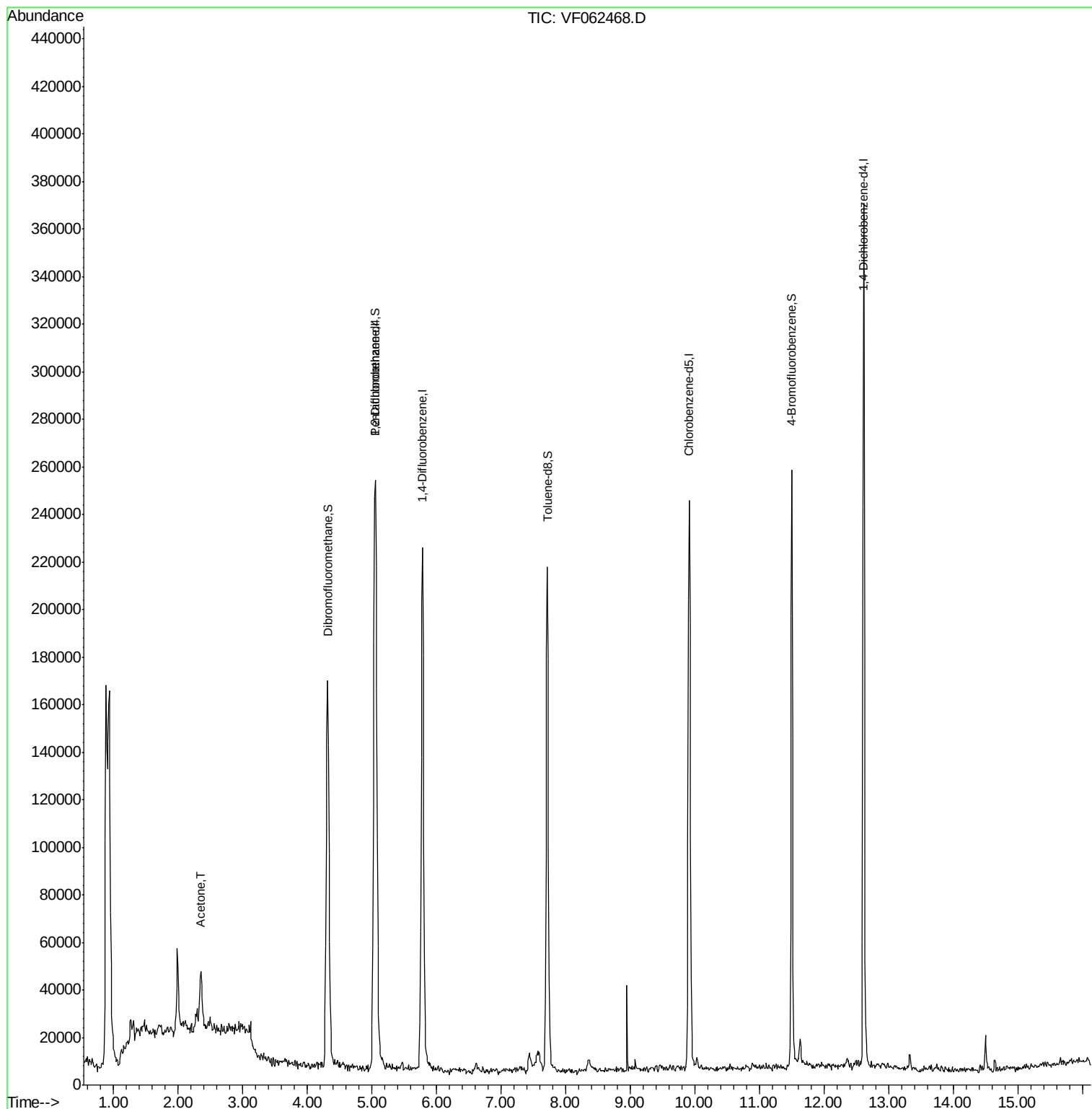
Quant Time: May 12 04:38:32 2019

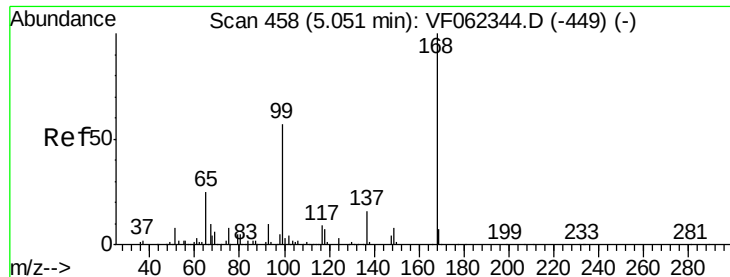
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M

Quant Title : SW846 8260

QLast Update : Tue May 07 04:34:57 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.01 min

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ClientSampleId :

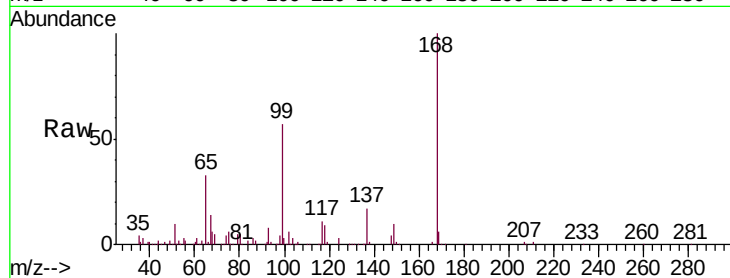
P026-SS014-0002-01

Tgt Ion:168 Resp: 178639

Ion Ratio Lower Upper

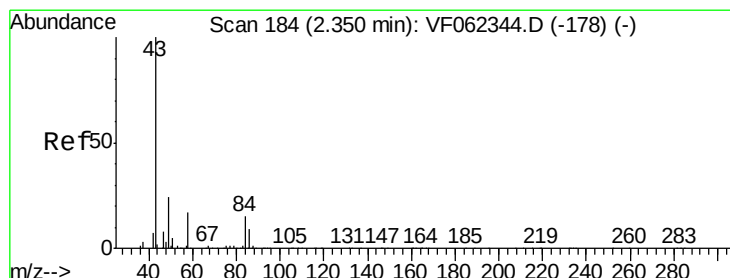
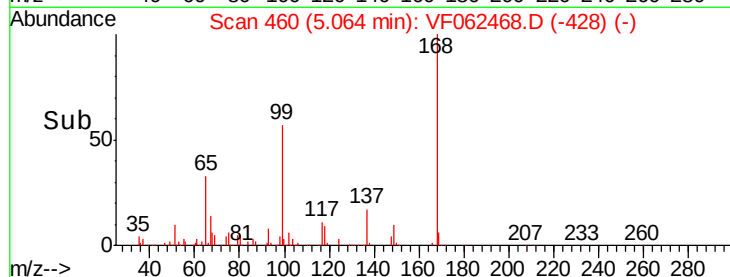
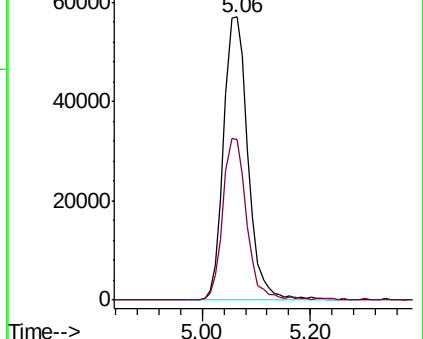
168 100

99 56.6 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0



#16

Acetone

Concen: 112.895 ug/l

RT: 2.35 min Scan# 185

Delta R.T. 0.00 min

Lab File: VF062468.D

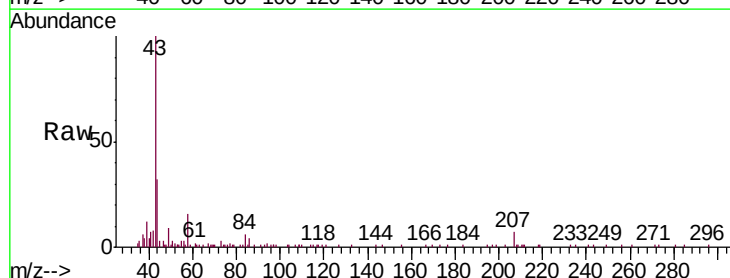
Acq: 11 May 2019 19:00

Tgt Ion: 43 Resp: 38555

Ion Ratio Lower Upper

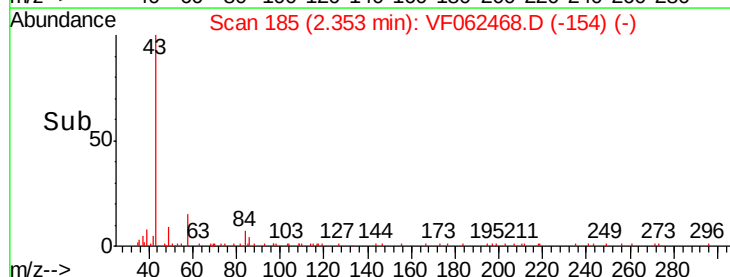
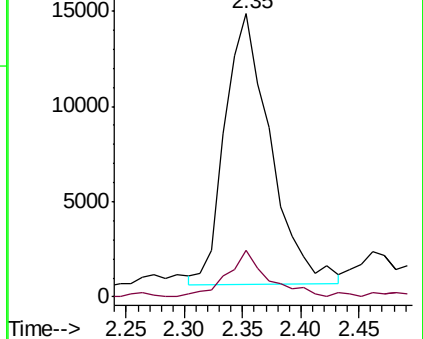
43 100

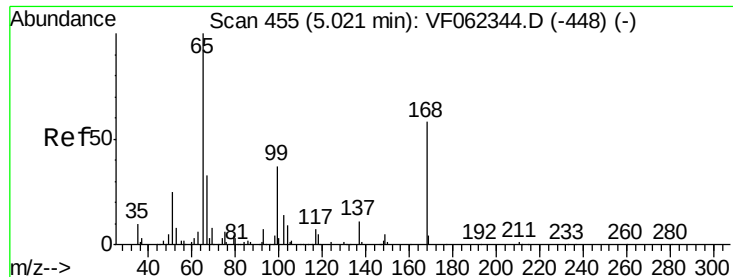
58 16.6 13.1 19.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

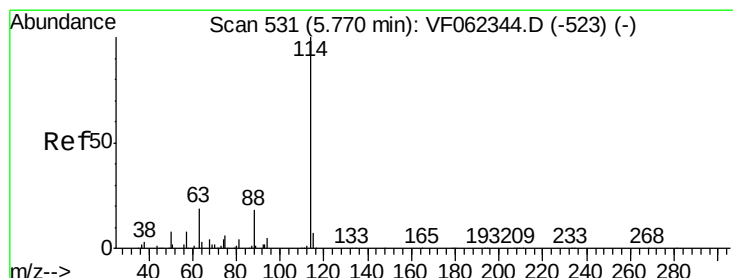
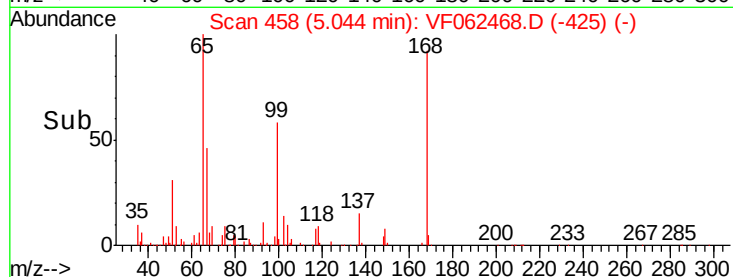
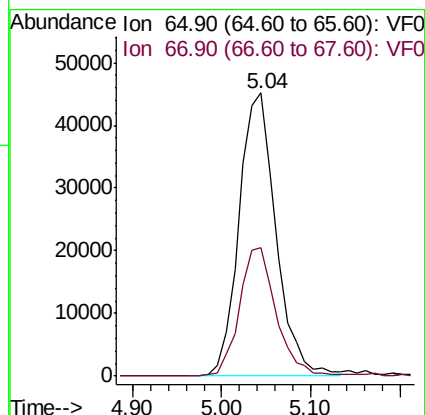
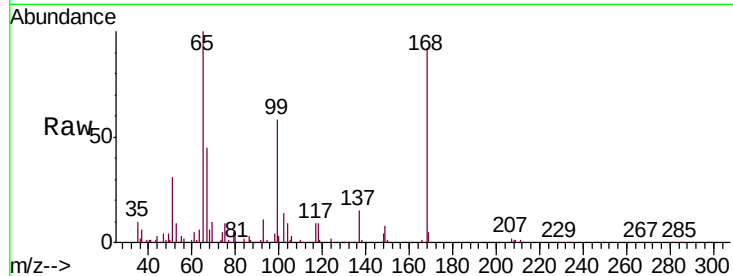




#33
 1,2-Dichloroethane-d4
 Concen: 76.868 ug/l
 RT: 5.04 min Scan# 458
 Delta R.T. 0.02 min
 Lab File: VF062468.D
 Acq: 11 May 2019 19:00

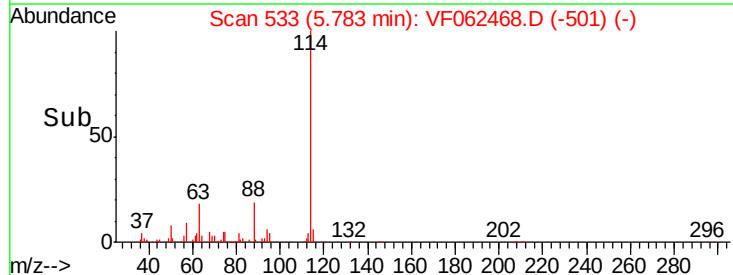
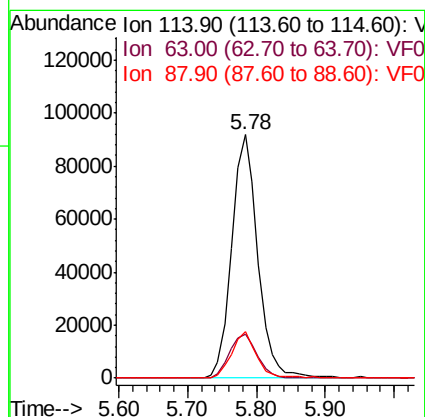
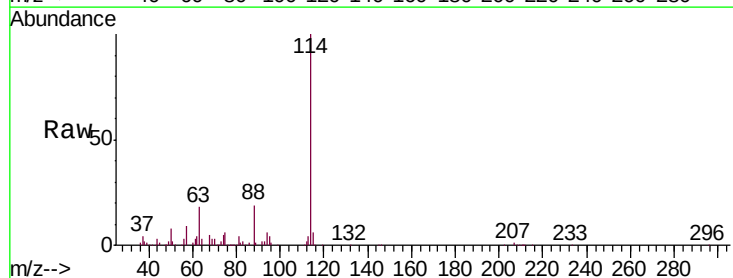
Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS014-0002-01

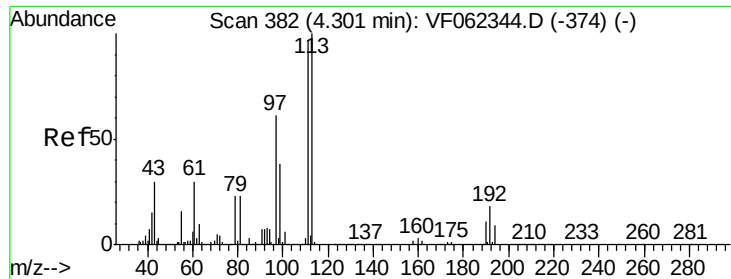
Tgt Ion: 65 Resp: 129769
 Ion Ratio Lower Upper
 65 100
 67 45.1 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.78 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VF062468.D
 Acq: 11 May 2019 19:00

Tgt Ion: 114 Resp: 240670
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 37.4
 88 19.1 0.0 36.4





#35

Dibromofluoromethane

Concen: 74.125 ug/l

RT: 4.31 min Scan# 384

Delta R.T. 0.01 min

Lab File: VF062468.D

Acq: 11 May 2019 19:00

Instrument :

MSVOA_F

ClientSampleId :

P026-SS014-0002-01

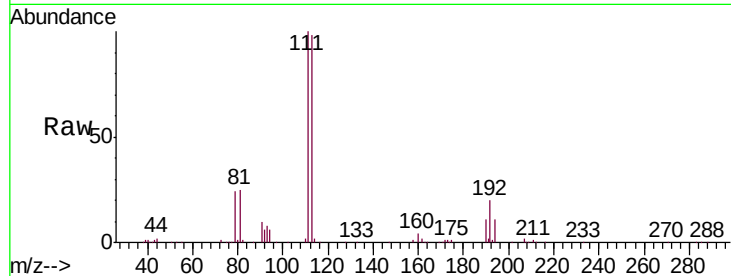
Tgt Ion: 113 Resp: 142125

Ion Ratio Lower Upper

113 100

111 100.5 79.4 119.0

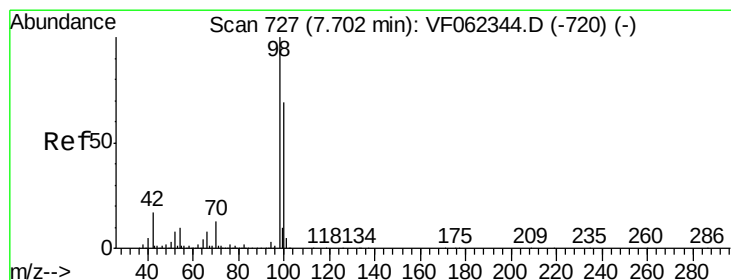
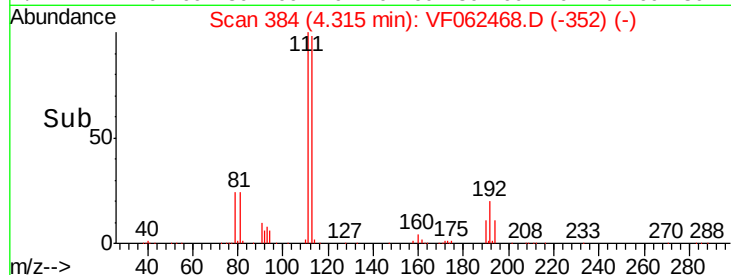
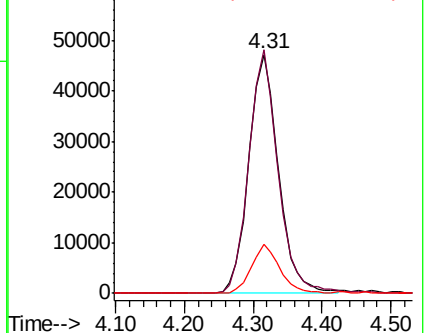
192 19.4 16.0 24.0



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: 38.458 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.01 min

Lab File: VF062468.D

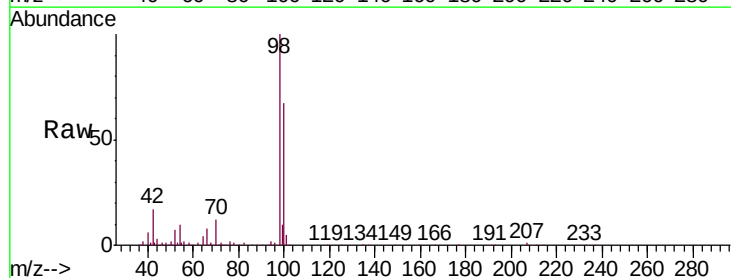
Acq: 11 May 2019 19:00

Tgt Ion: 98 Resp: 178496

Ion Ratio Lower Upper

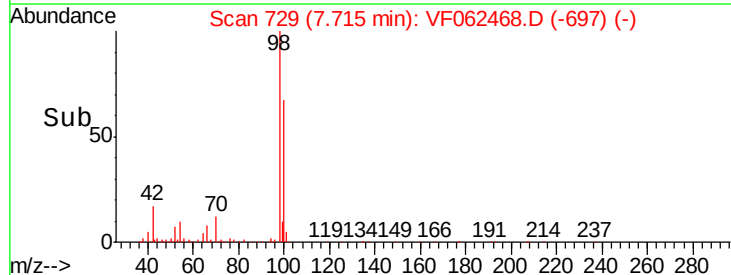
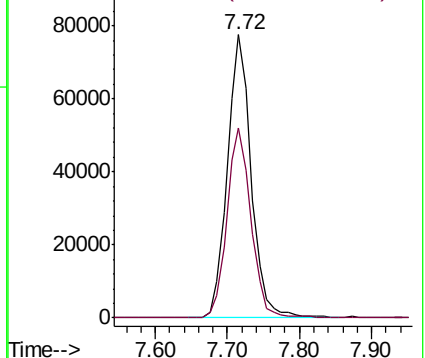
98 100

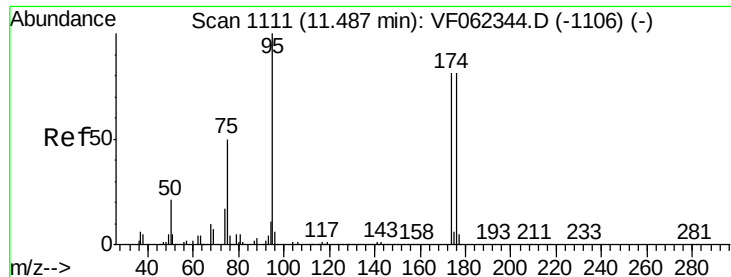
100 67.1 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 39.532 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VF062468.D

Acq: 11 May 2019 19:00

Instrument :

MSVOA_F

ClientSampleId :

P026-SS014-0002-01

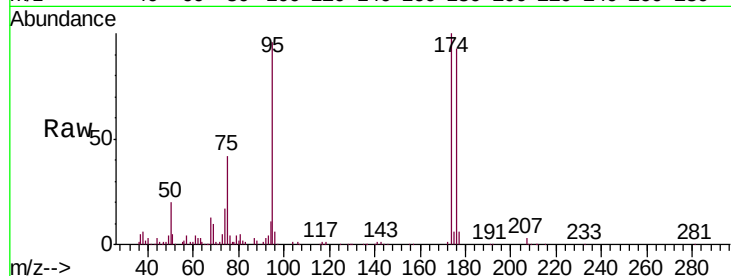
Tgt Ion: 95 Resp: 82779

Ion Ratio Lower Upper

95 100

174 93.0 0.0 191.8

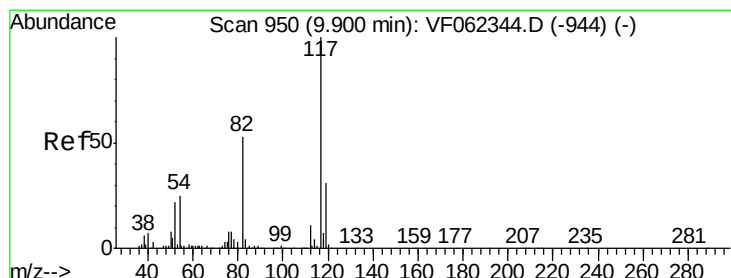
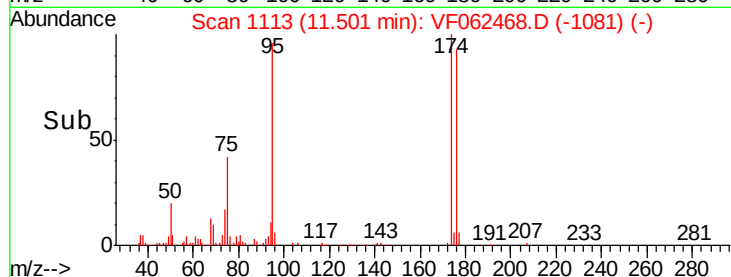
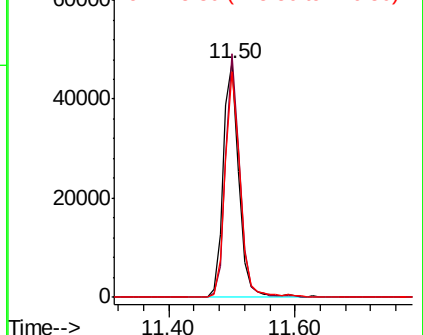
176 90.9 0.0 193.2



Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): VF0

Ion 175.80 (175.50 to 176.50): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 952

Delta R.T. 0.01 min

Lab File: VF062468.D

Acq: 11 May 2019 19:00

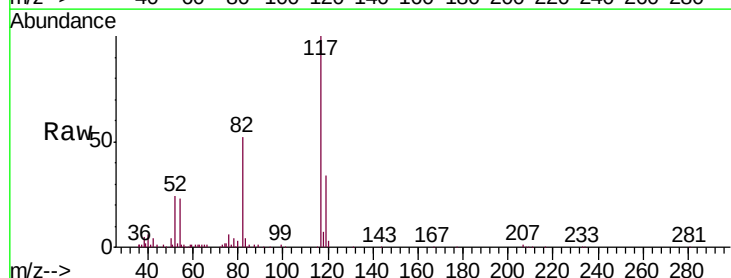
Tgt Ion: 117 Resp: 177958

Ion Ratio Lower Upper

117 100

82 52.2 42.2 63.2

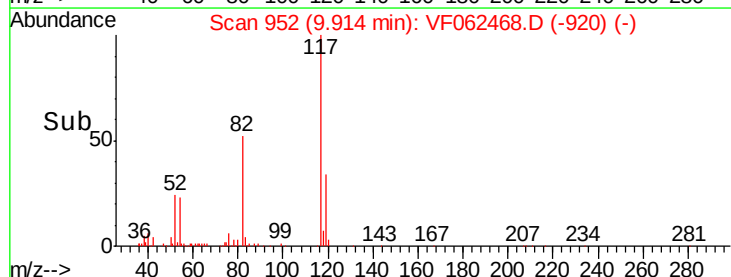
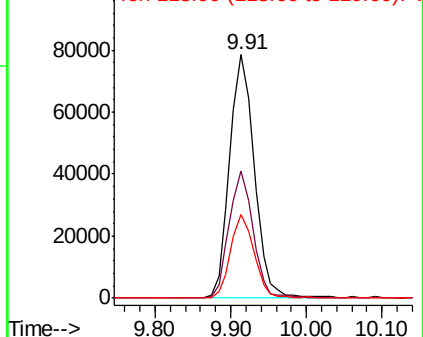
119 34.4 25.0 37.4

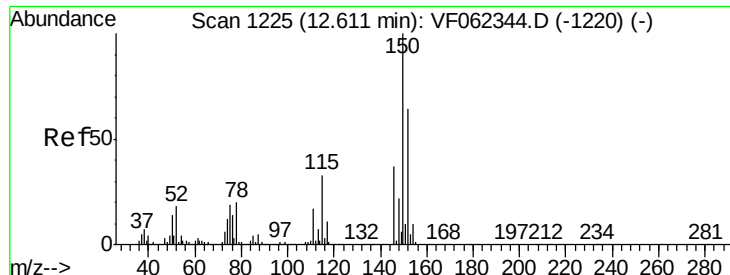


Abundance Ion 116.90 (116.60 to 117.60): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1226

Delta R.T. 0.00 min

Lab File: VF062468.D

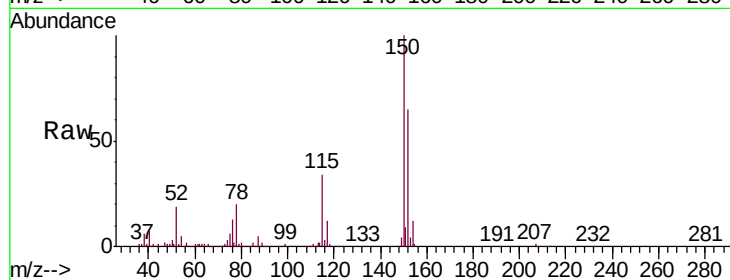
Acq: 11 May 2019 19:00

Instrument :

MSVOA_F

ClientSampleId :

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Tgt Ion:	152	Resp:	92524
Ion	Ratio	Lower	Upper
152	100		
115	53.1	26.4	79.2
150	152.8	0.0	335.0

