

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051019\
 Data File : VF062431.D
 Acq On : 10 May 2019 18:50
 Operator : FY/SY
 Sample : K2750-03RE
 Misc : 1.05g/5mL/MSVOA F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 72-11995RE

Quant Time: May 11 05:17:13 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

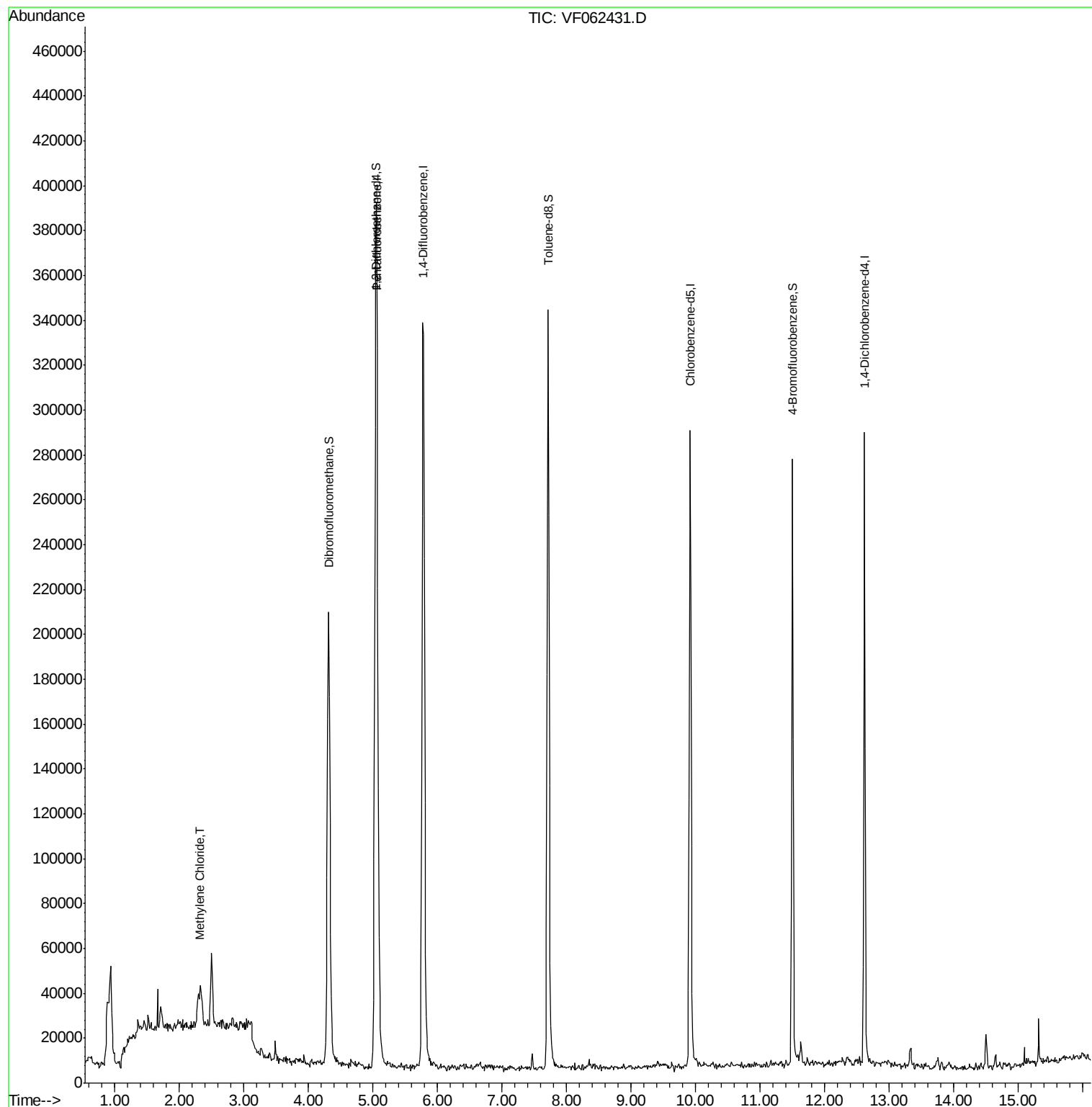
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	310352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	379897	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	205566	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	72627	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	161310	55.00	ug/l	0.01
Spiked Amount 50.000			Recovery	=	110.00%	
35) Dibromofluoromethane	4.31	113	189962	62.76	ug/l	0.01
Spiked Amount 50.000			Recovery	=	125.52%	
50) Toluene-d8	7.71	98	293968	40.13	ug/l	0.01
Spiked Amount 50.000			Recovery	=	80.26%	
62) 4-Bromofluorobenzene	11.50	95	90865	27.49	ug/l	0.01
Spiked Amount 50.000			Recovery	=	54.98%	
Target Compounds						
20) Methylene Chloride	2.32	84	16343	7.613	ug/l #	94

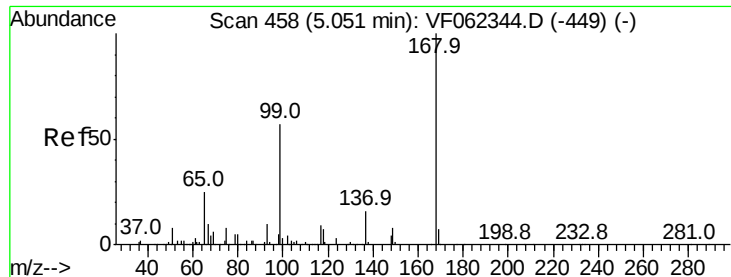
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.00 min

Lab File: VF062431.D

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MSVOA_F

ClientSampleId :

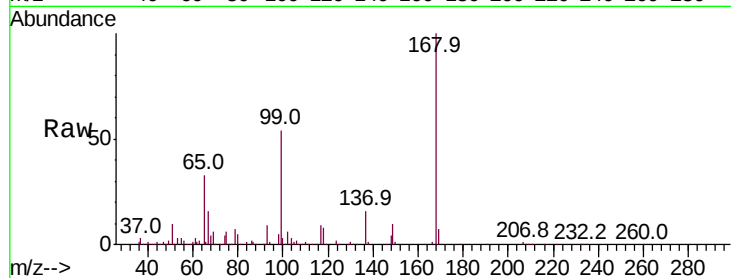
72-11995RE

Tot Ion:168 Resp: 310352

Ion Ratio Lower Upper

168 100

99 54.4 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.05

120000

100000

80000

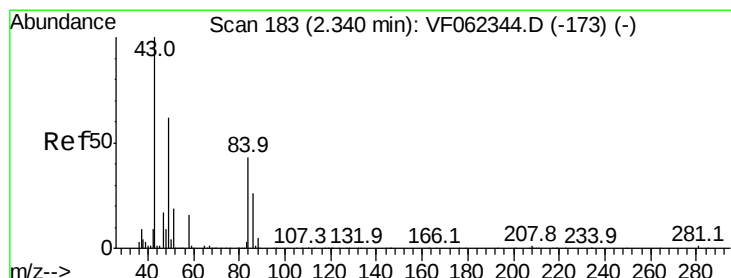
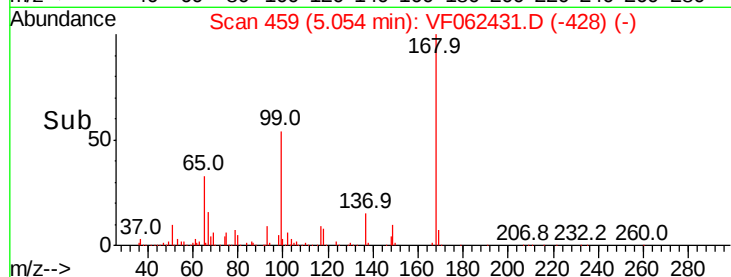
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 7.613 ug/l

RT: 2.32 min Scan# 182

Delta R.T. -0.02 min

Lab File: VF062431.D

Acq: 10 May 2019 18:50

Tgt Ion: 84 Resp: 16343

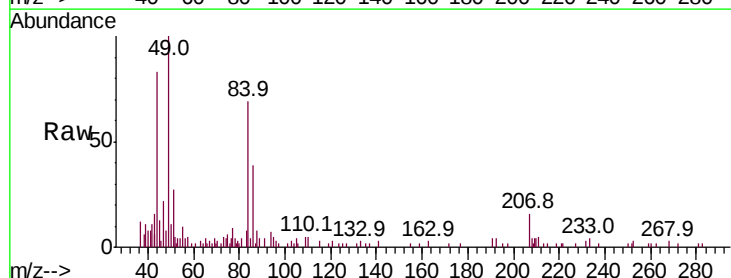
Ion Ratio Lower Upper

84 100

49 145.4 117.5 176.3

51 33.6 37.0 55.4#

86 57.2 49.3 73.9



Abundance Ion 83.90 (83.60 to 84.60): VF0

Ion 48.90 (48.60 to 49.60): VF0

Ion 50.90 (50.60 to 51.60): VF0

Ion 85.90 (85.60 to 86.60): VF0

8000

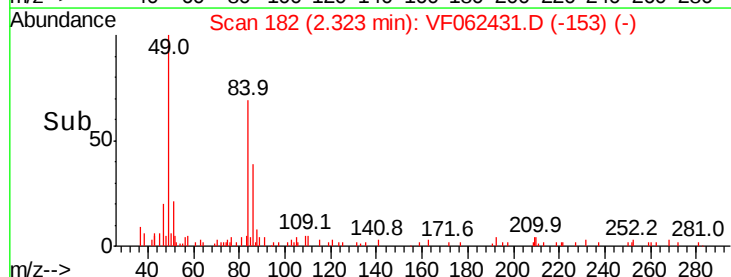
6000

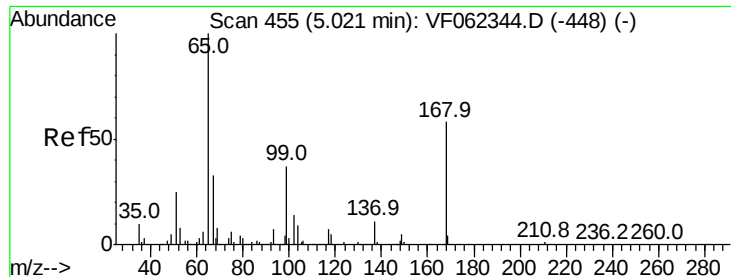
4000

2000

0

Time-->

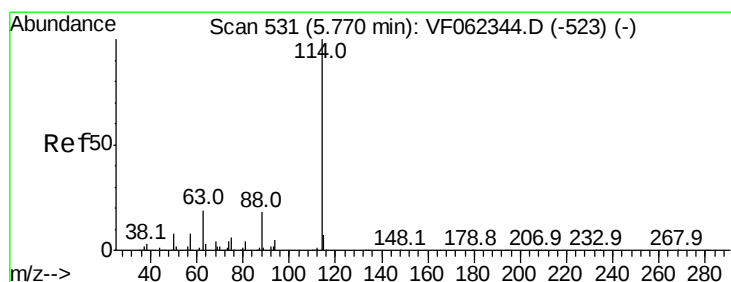
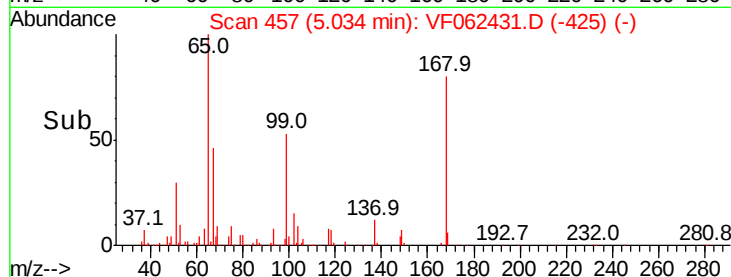
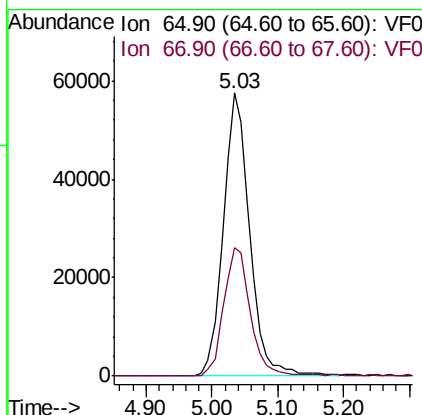
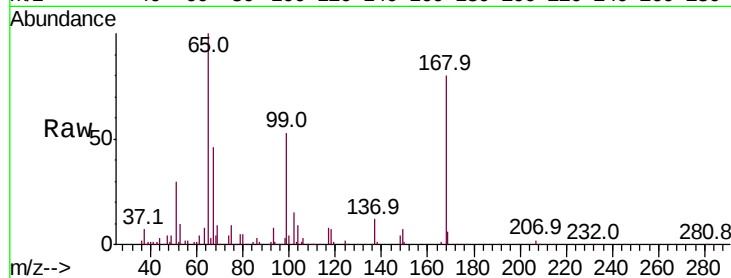




#33
 1,2-Dichloroethane-d4
 Concen: 54.999 ug/l
 RT: 5.03 min Scan# 457
 Delta R.T. 0.01 min
 Lab File: VF062431.D
 Acq: 10 May 2019 18:50

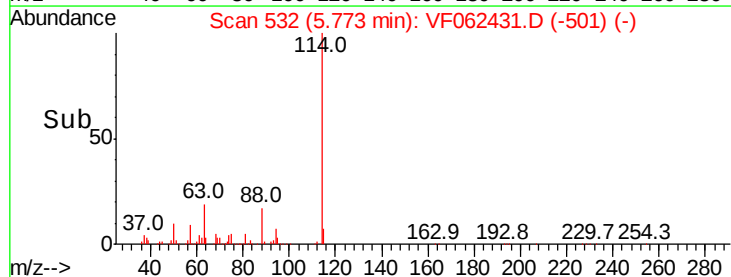
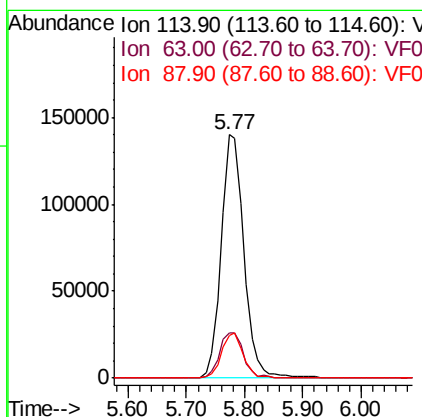
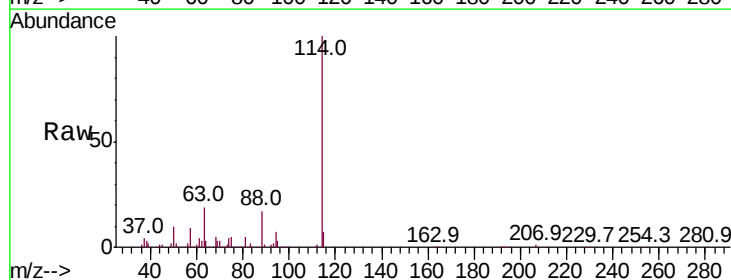
Instrument :
 MSVOA_F
 ClientSampleId :
 72-11995RE

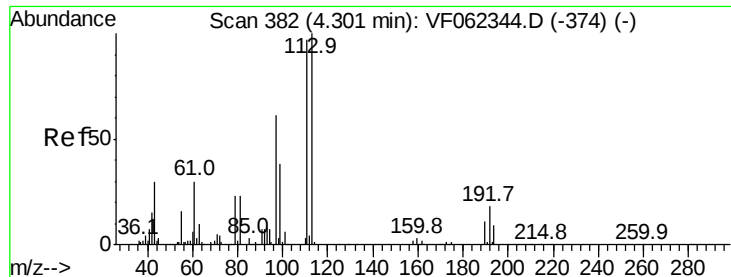
Tot Ion: 65 Resp: 161310
 Ion Ratio Lower Upper
 65 100
 67 46.5 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.77 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VF062431.D
 Acq: 10 May 2019 18:50

Tgt Ion:114 Resp: 379897
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 37.4
 88 17.3 0.0 36.4





#35

Dibromofluoromethane

Concen: 62.765 ug/l

RT: 4.31 min Scan# 384

Delta R.T. 0.01 min

Lab File: VF062431.D

Acq: 10 May 2019 18:50

Instrument :
MSVOA_F
ClientSampleId :
72-11995RE

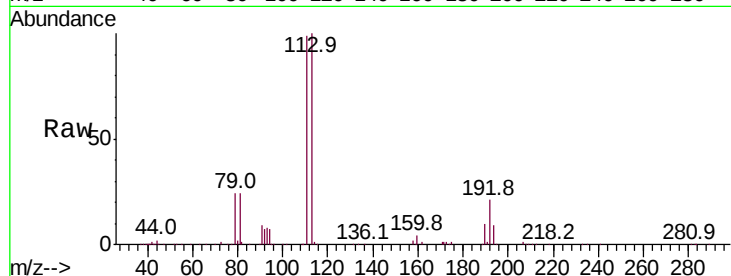
Tot Ion:113 Resp: 189962

Ion Ratio Lower Upper

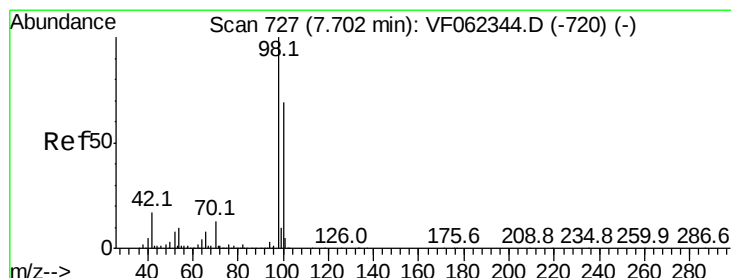
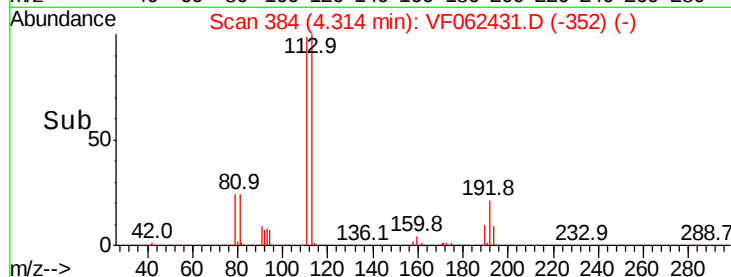
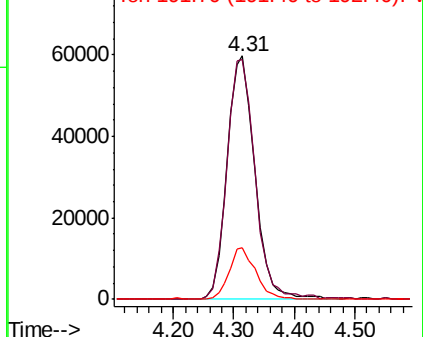
113 100

111 100.7 79.4 119.0

192 20.3 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: 40.125 ug/l

RT: 7.71 min Scan# 729

Delta R.T. 0.01 min

Lab File: VF062431.D

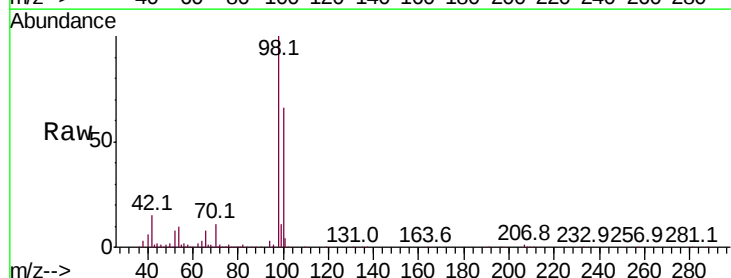
Acq: 10 May 2019 18:50

Tgt Ion: 98 Resp: 293968

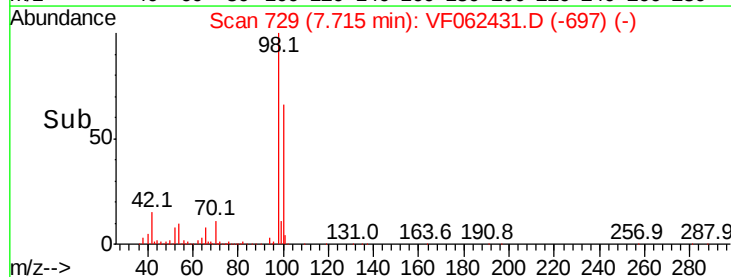
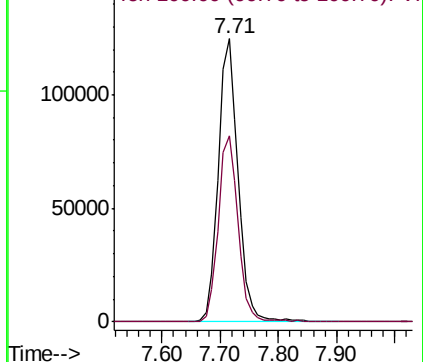
Ion Ratio Lower Upper

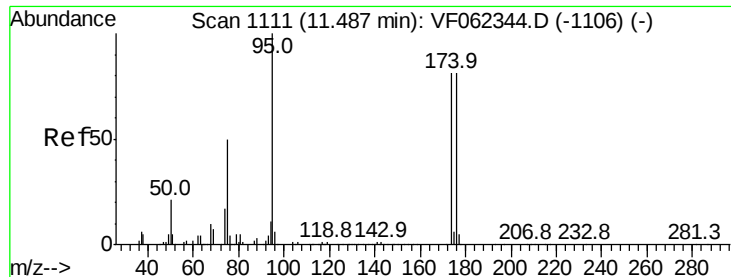
98 100

100 65.6 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: 27.490 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VF062431.D

Acq: 10 May 2019 18:50

Instrument :

MSVOA_F

ClientSampleId :

72-11995RE

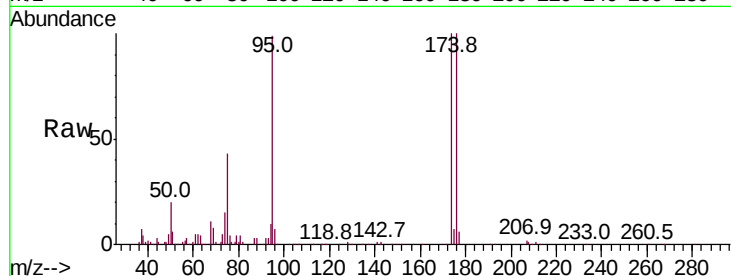
Tot Ion: 95 Resp: 90865

Ion Ratio Lower Upper

95 100

174 95.6 0.0 191.8

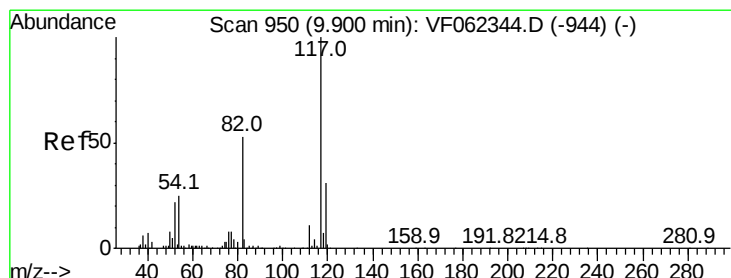
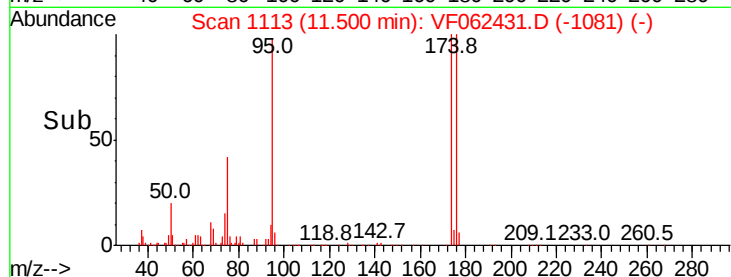
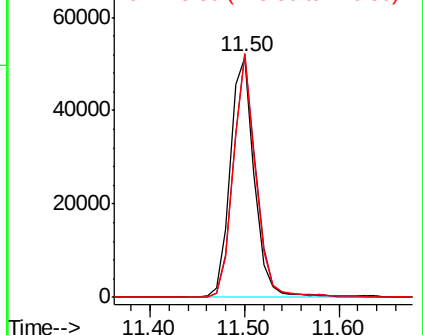
176 94.4 0.0 193.2



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: 9.91 min Scan# 952

Delta R.T. 0.01 min

Lab File: VF062431.D

Acq: 10 May 2019 18:50

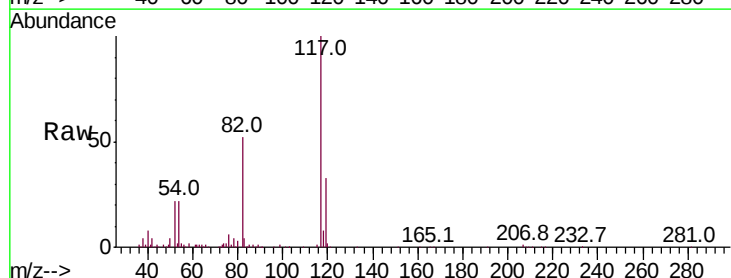
Tgt Ion: 117 Resp: 205566

Ion Ratio Lower Upper

117 100

82 52.2 42.2 63.2

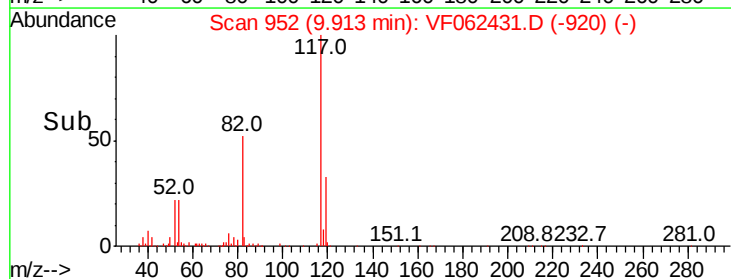
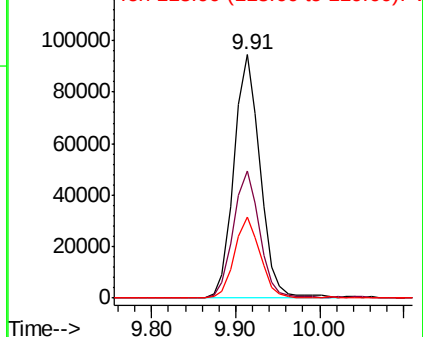
119 33.5 25.0 37.4

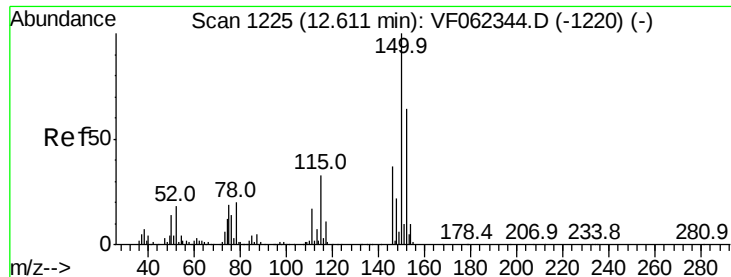


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.61 min Scan# 1226

Delta R.T. 0.00 min

Lab File: VF062431.D

Acq: 10 May 2019 18:50

Instrument :

MSVOA_F

ClientSampleId :

72-11995RE

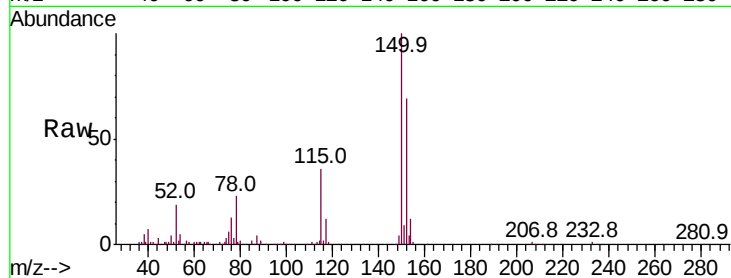
Tot Ion:152 Resp: 72627

Ion Ratio Lower Upper

152 100

115 55.0 26.4 79.2

150 153.2 0.0 335.0



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

