

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031919\
 Data File : VF062019.D
 Acq On : 19 Mar 2019 15:43
 Operator : VA/AP
 Sample : K1931-02
 Misc : 5.57g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 LSP-1

Quant Time: Mar 20 05:55:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 18 07:28:40 2019
 Response via : Initial Calibration

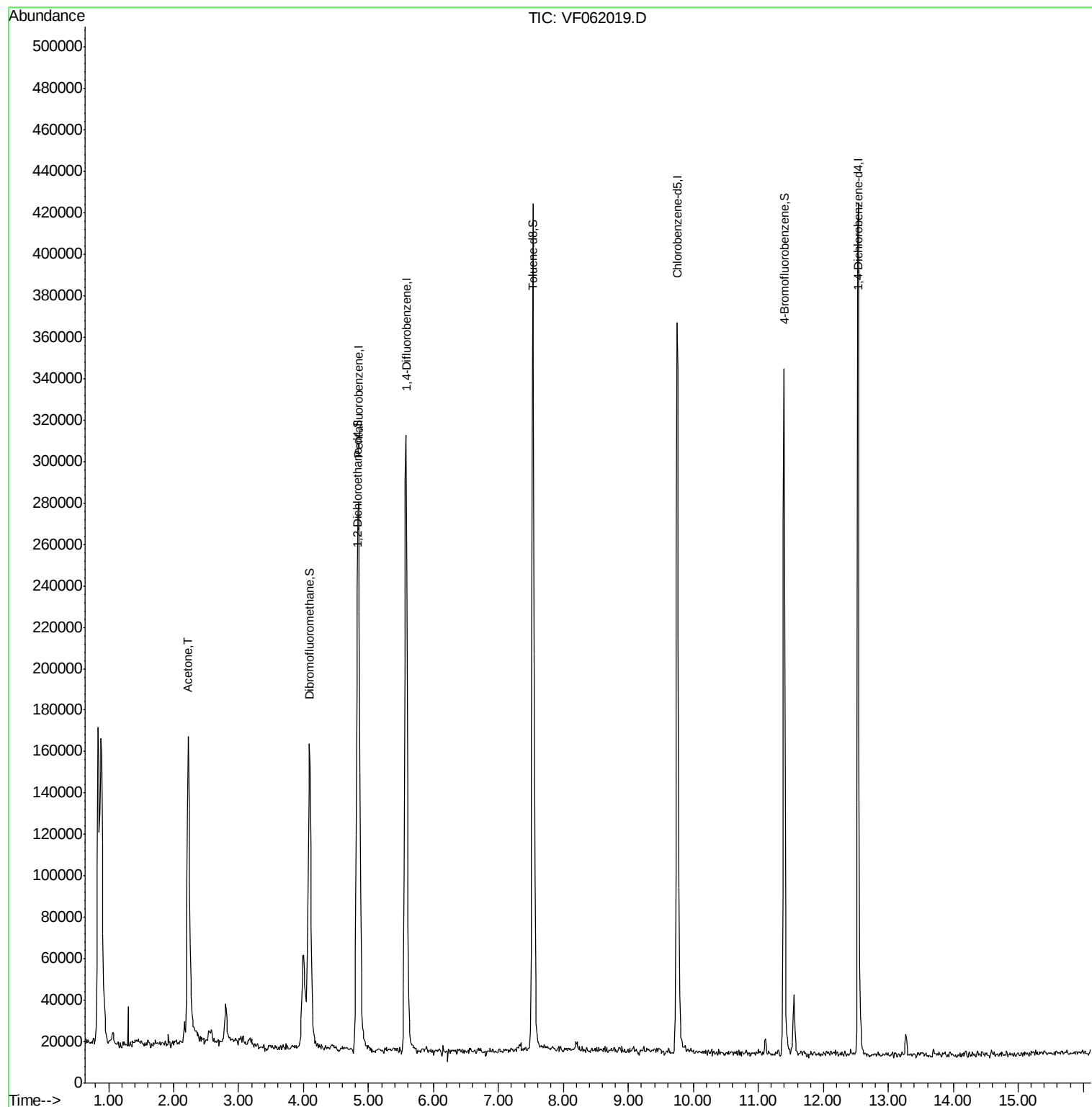
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	248886	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	371342	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.75	117	290616	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	125977	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	97979	54.69	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	109.38%	
35) Dibromofluoromethane	4.09	113	143794	57.66	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	115.32%	
50) Toluene-d8	7.53	98	360363	49.44	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.40	95	129417	44.69	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	89.38%	
Target Compounds						
16) Acetone	2.23	43	260816	648.302	ug/l	Qvalue 97

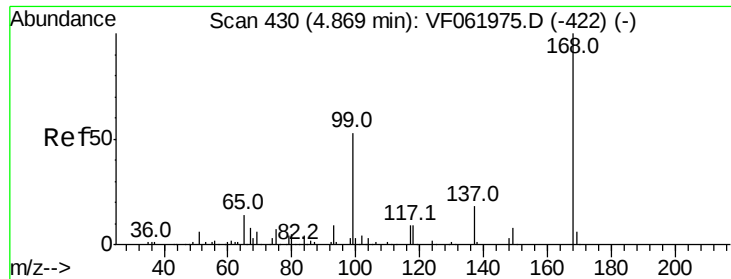
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF062019.D

Acq: 19 Mar 2019 15:43

Instrument :

MSVOA_F

ClientSampleId :

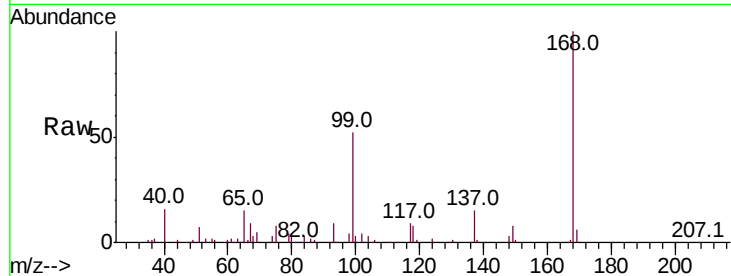
LSP-1

Tot Ion:168 Resp: 248886

Ion Ratio Lower Upper

168 100

99 51.7 42.4 63.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

80000

60000

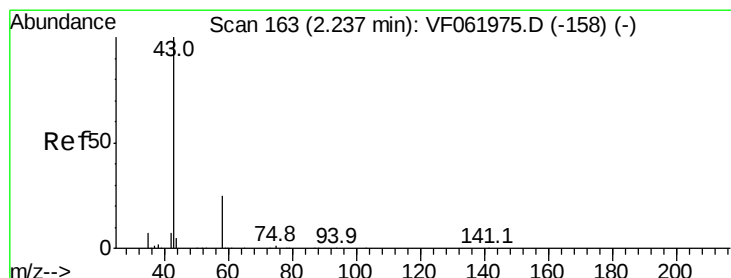
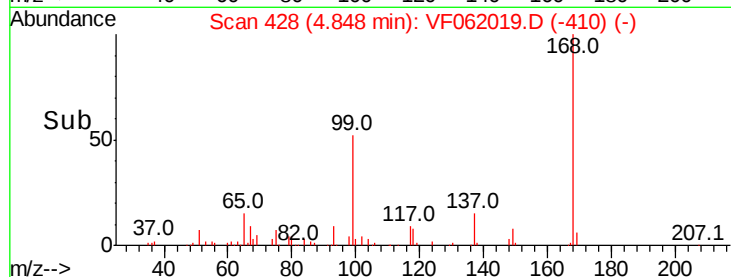
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 648.302 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.01 min

Lab File: VF062019.D

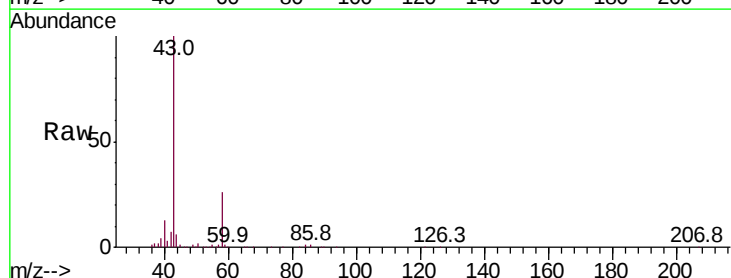
Acq: 19 Mar 2019 15:43

Tgt Ion: 43 Resp: 260816

Ion Ratio Lower Upper

43 100

58 26.3 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

100000

80000

60000

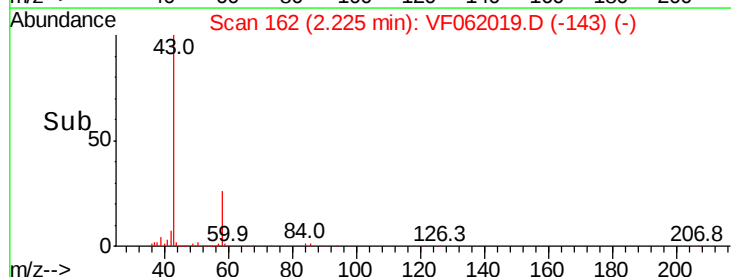
40000

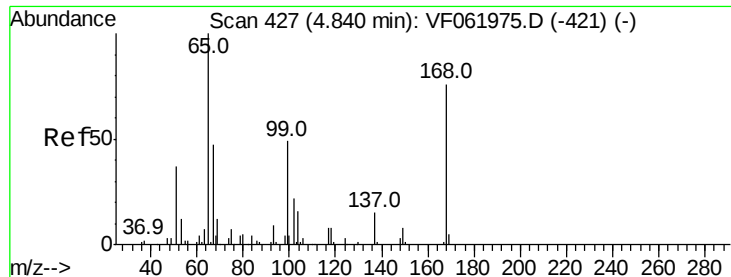
20000

0

2.00 2.10 2.20 2.30 2.40

Time-->





#33

1,2-Dichloroethane-d4

Concen: 54.689 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.02 min

Lab File: VF062019.D

Acq: 19 Mar 2019 15:43

Instrument :

MSVOA_F

ClientSampled :

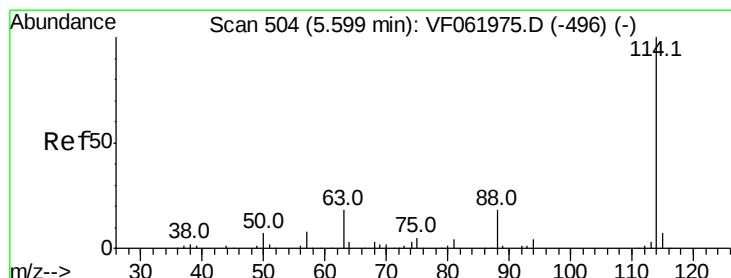
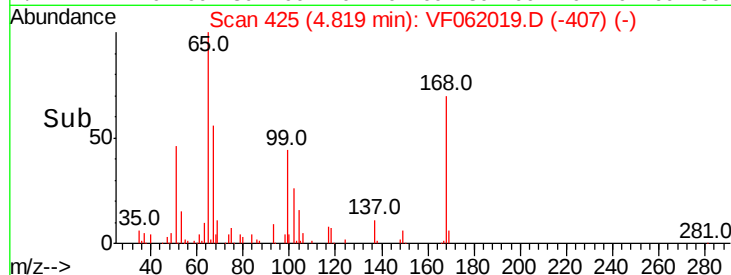
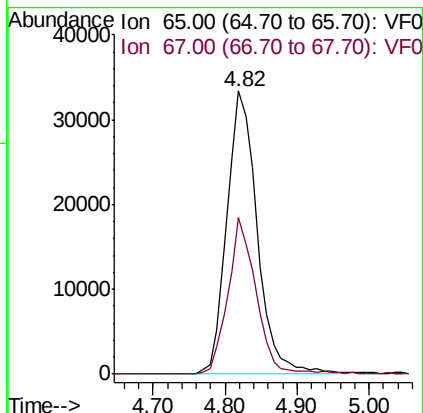
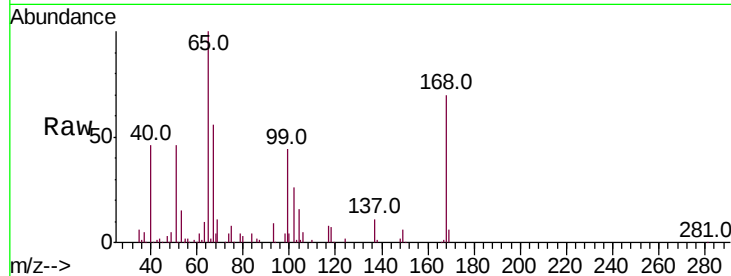
LSP-1

Tot Ion: 65 Resp: 97979

Ion Ratio Lower Upper

65 100

67 55.6 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.02 min

Lab File: VF062019.D

Acq: 19 Mar 2019 15:43

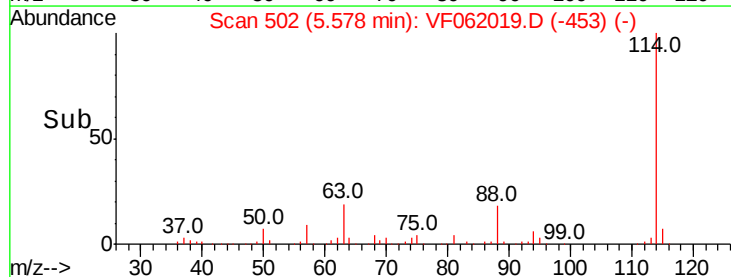
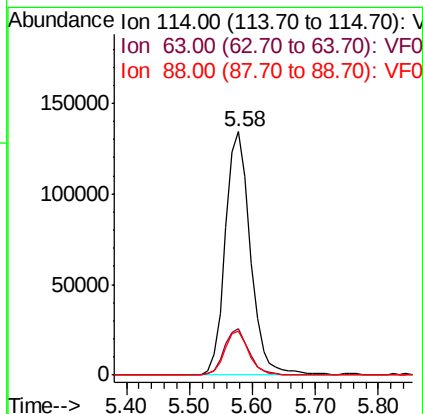
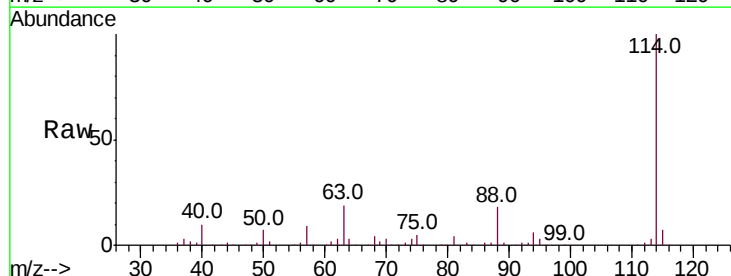
Tgt Ion: 114 Resp: 371342

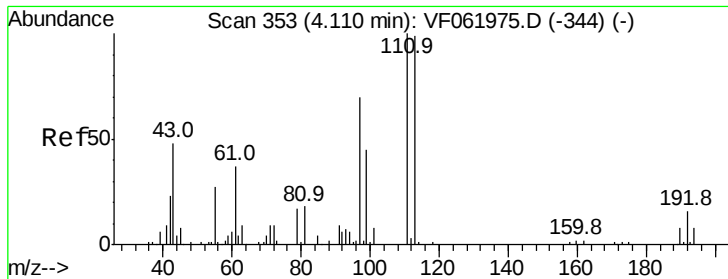
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

88 17.9 0.0 36.4





#35

Dibromofluoromethane

Concen: 57.664 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.02 min

Lab File: VF062019.D

Acq: 19 Mar 2019 15:43

Instrument :

MSVOA_F

ClientSampleId :

LSP-1

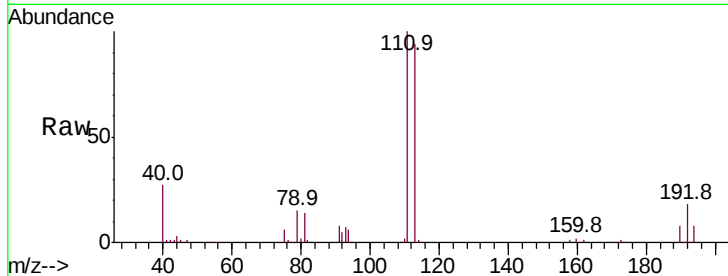
Tot Ion:113 Resp: 143794

Ion Ratio Lower Upper

113 100

111 106.5 80.8 121.2

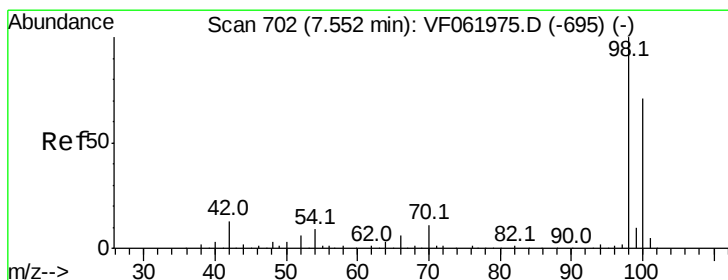
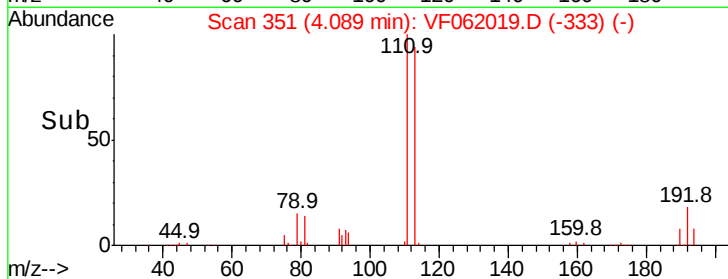
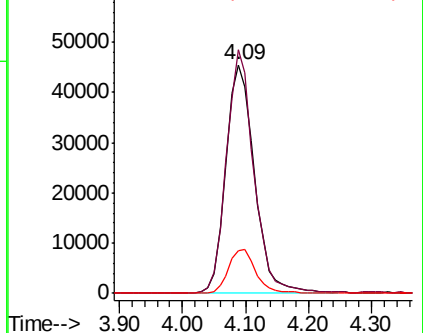
192 18.8 13.0 19.6



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: 49.435 ug/l

RT: 7.53 min Scan# 700

Delta R.T. -0.02 min

Lab File: VF062019.D

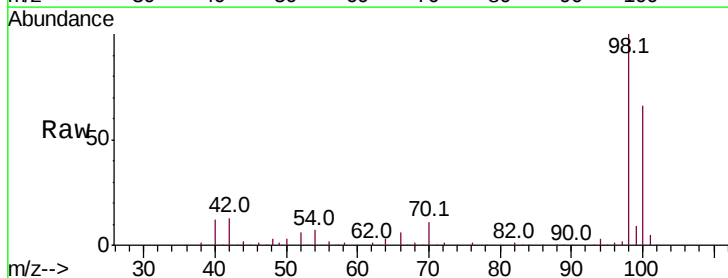
Acq: 19 Mar 2019 15:43

Tgt Ion: 98 Resp: 360363

Ion Ratio Lower Upper

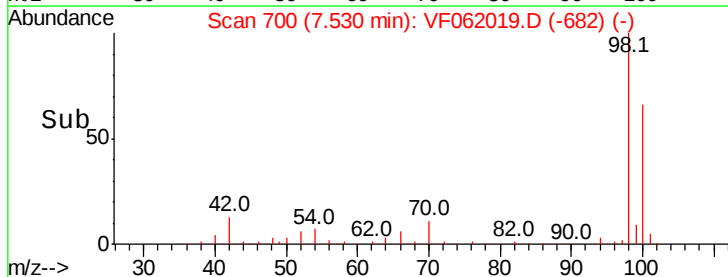
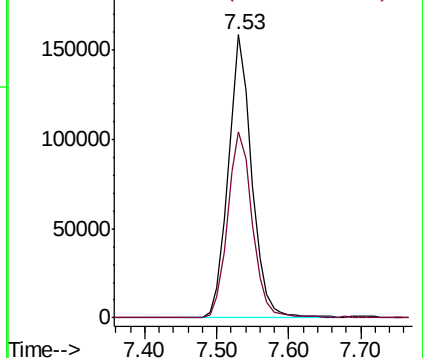
98 100

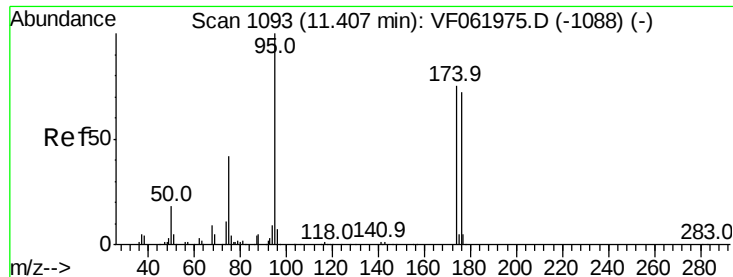
100 65.6 56.8 85.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 44.690 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF062019.D

Acq: 19 Mar 2019 15:43

Instrument :

MSVOA_F

ClientSampleId :

LSP-1

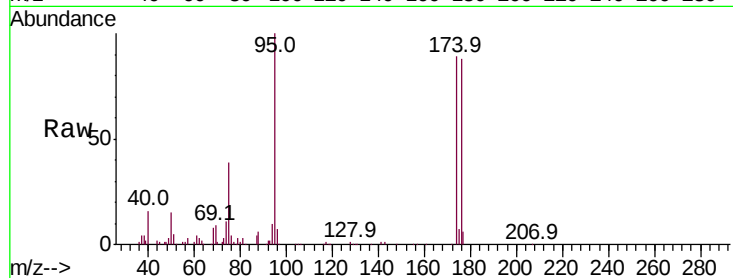
Tot Ion: 95 Resp: 129417

Ion Ratio Lower Upper

95 100

174 89.5 0.0 149.4

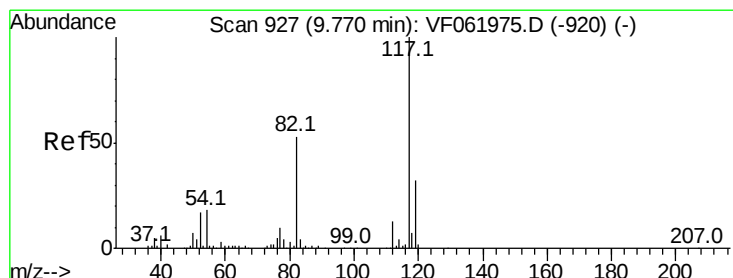
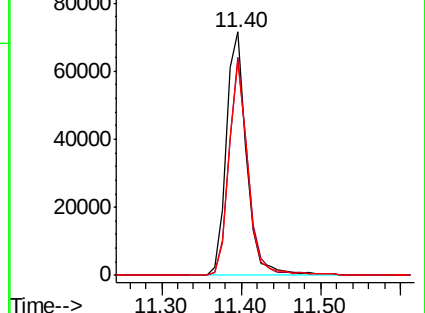
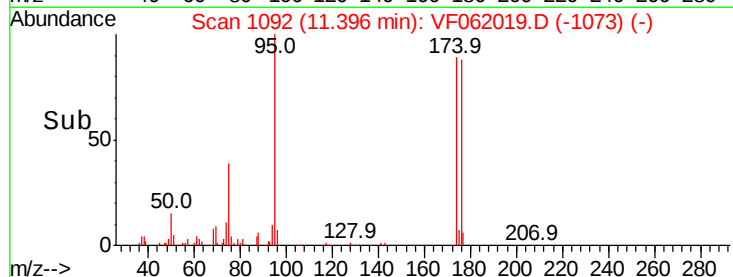
176 87.9 0.0 143.4



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.75 min Scan# 925

Delta R.T. -0.02 min

Lab File: VF062019.D

Acq: 19 Mar 2019 15:43

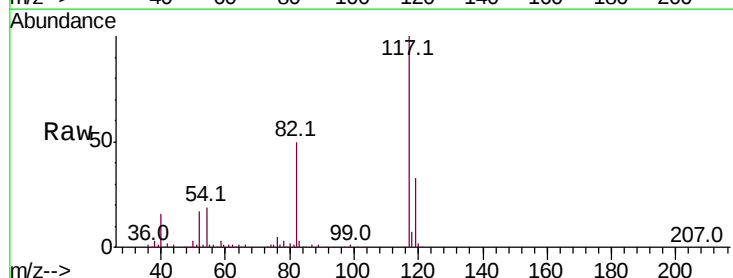
Tgt Ion: 117 Resp: 290616

Ion Ratio Lower Upper

117 100

82 50.1 42.5 63.7

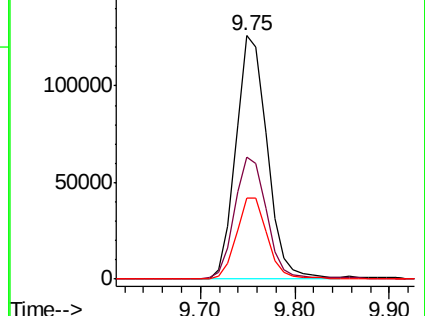
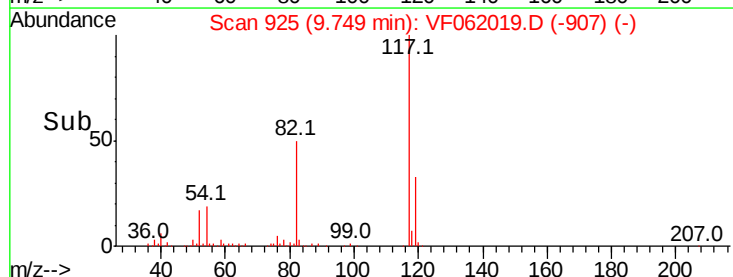
119 33.1 25.4 38.0

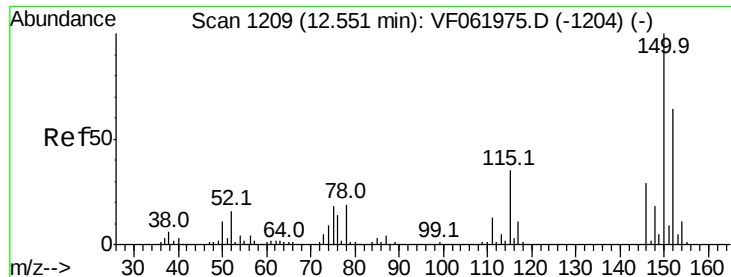


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0

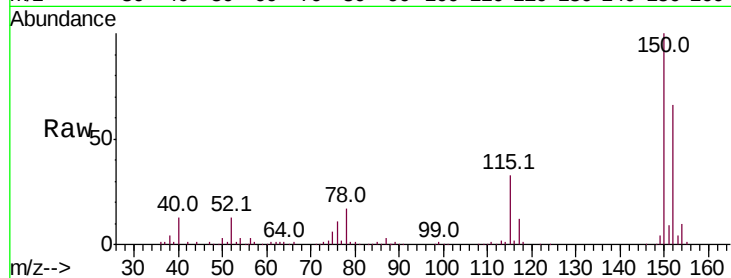




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.54 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: VF062019.D
 Acq: 19 Mar 2019 15:43

Instrument :
 MSVOA_F
 ClientSampleId :
 LSP-1

Tot Ion	Ratio	Lower	Upper
152	100		
115	50.1	27.3	81.9
150	152.6	0.0	316.2



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

