

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050919\
 Data File : VF062401.D
 Acq On : 9 May 2019 17:46
 Operator : FY/SY
 Sample : K2641-01
 Misc : 6.10g/5mL/MSVOA F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-02-050719-A

Quant Time: May 10 02:29:39 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

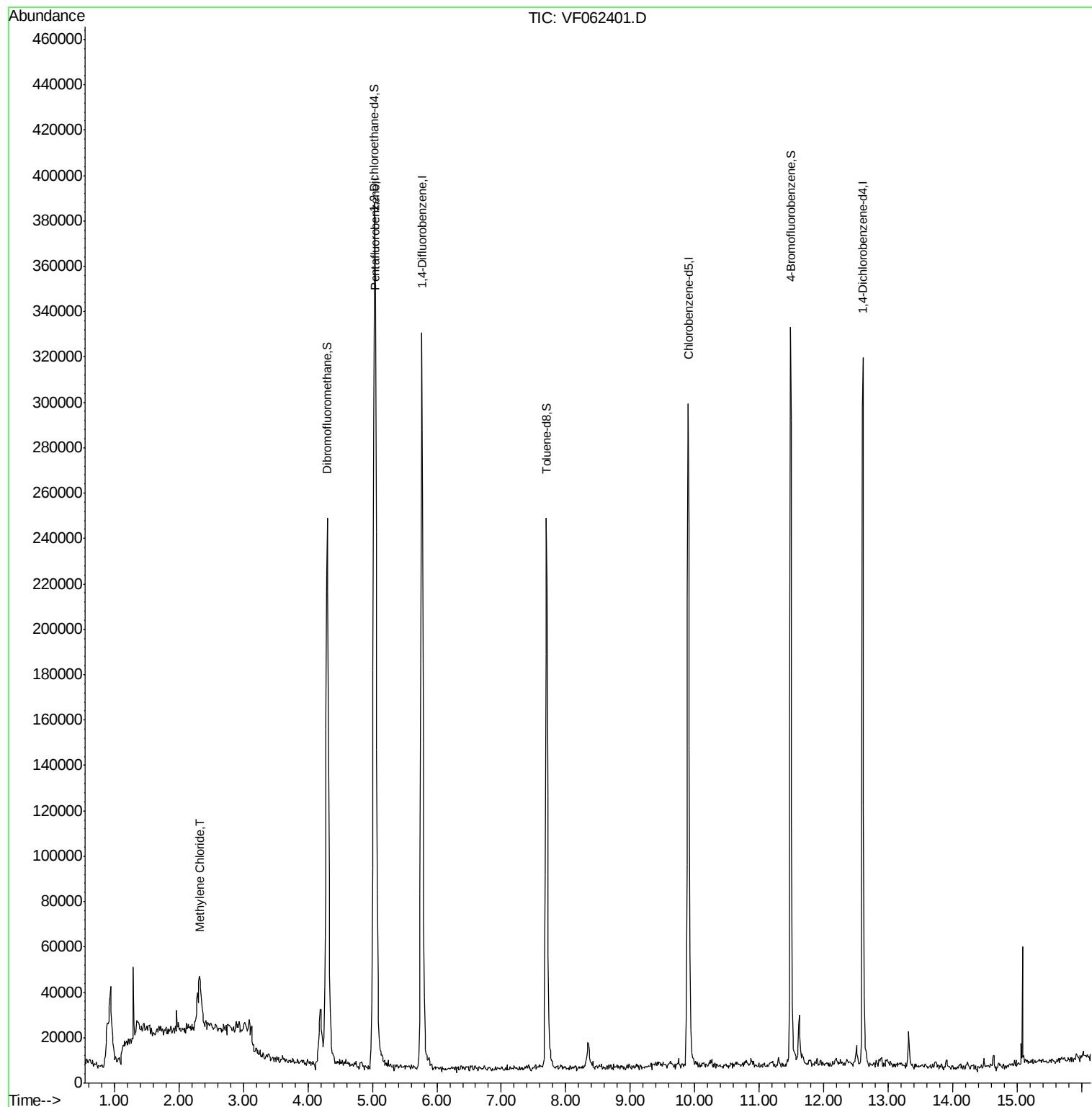
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	267057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	347830	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	211693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	87278	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	221795	87.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	175.76%	
35) Dibromofluoromethane	4.30	113	215712	77.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	155.68%	
50) Toluene-d8	7.70	98	204283	30.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.90%	
62) 4-Bromofluorobenzene	11.48	95	108481	35.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.70%	
Target Compounds						
20) Methylene Chloride	2.33	84	21859	11.834	ug/l #	88

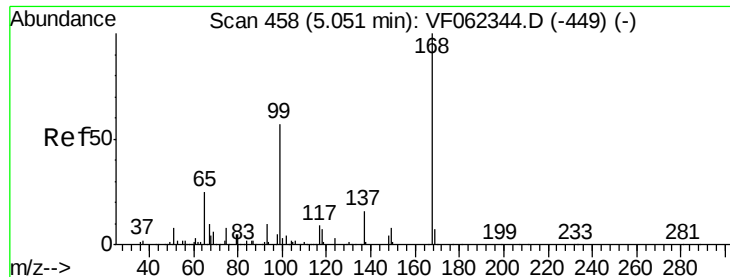
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.00 min

Lab File: VF062401.D

Acq: 9 May 2019 17:46

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MSVOA_F

ClientSampleId :

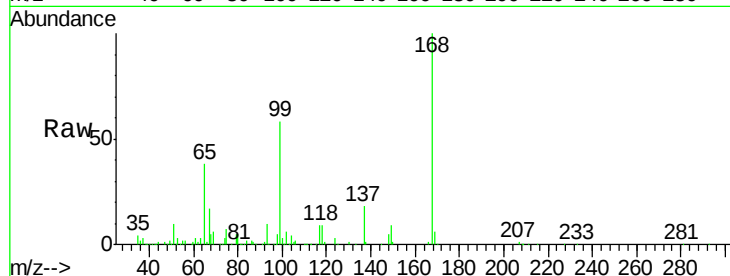
CL-02-050719-A

Tot Ion:168 Resp: 267057

Ion Ratio Lower Upper

168 100

99 58.4 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.05

80000

60000

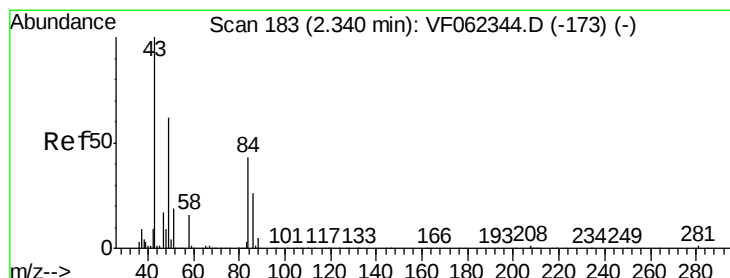
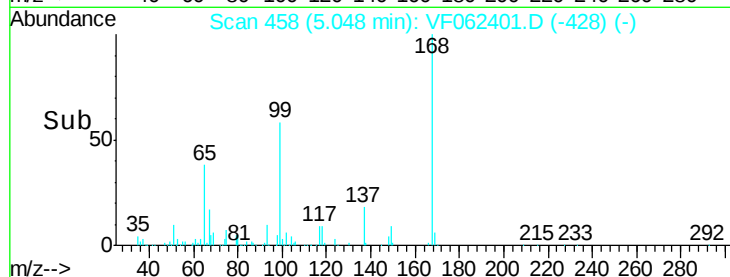
40000

20000

0

4.90 5.00 5.10 5.20 5.30

Time-->



#20

Methylene Chloride

Concen: 11.834 ug/l

RT: 2.33 min Scan# 182

Delta R.T. -0.01 min

Lab File: VF062401.D

Acq: 9 May 2019 17:46

Tgt Ion: 84 Resp: 21859

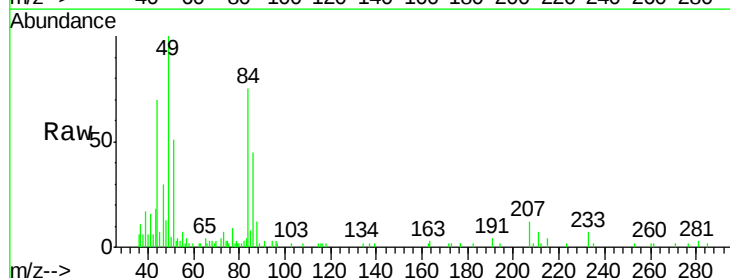
Ion Ratio Lower Upper

84 100

49 133.3 117.5 176.3

51 64.0 37.0 55.4#

86 59.8 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

12000

10000

8000

6000

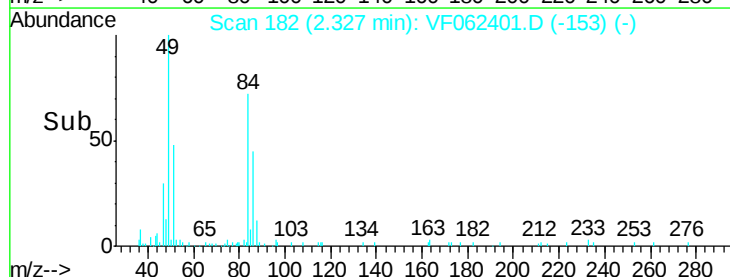
4000

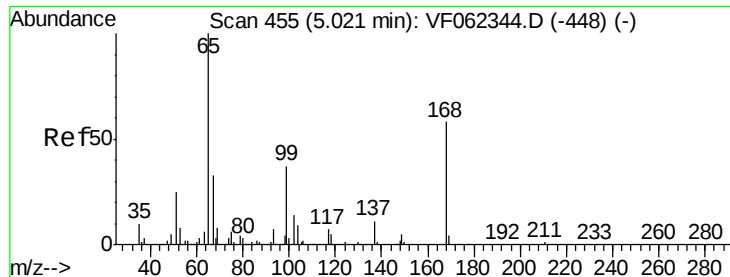
2000

0

2.20 2.30 2.40 2.50

Time-->





#33

1,2-Dichloroethane-d4

Concen: 87.881 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.00 min

Lab File: VF062401.D

Acq: 9 May 2019 17:46

Instrument :

MSVOA_F

ClientSampleId :

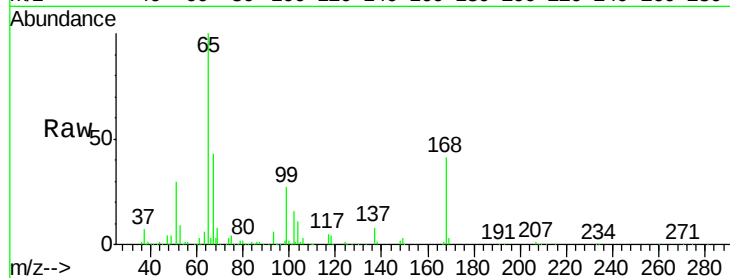
CL-02-050719-A

Tot Ion: 65 Resp: 221795

Ion Ratio Lower Upper

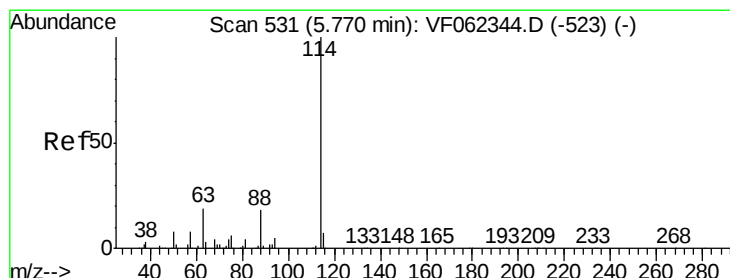
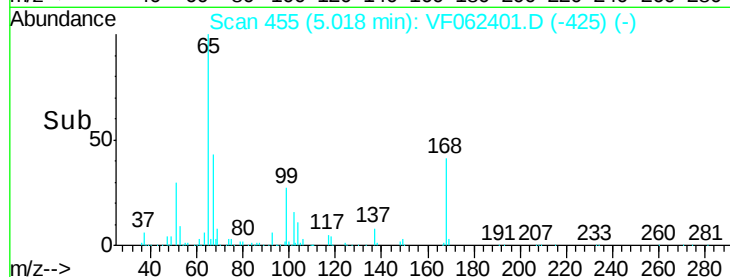
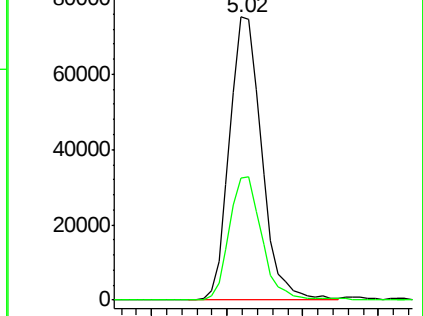
65 100

67 44.5 0.0 85.8



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: 5.77 min Scan# 531

Delta R.T. -0.00 min

Lab File: VF062401.D

Acq: 9 May 2019 17:46

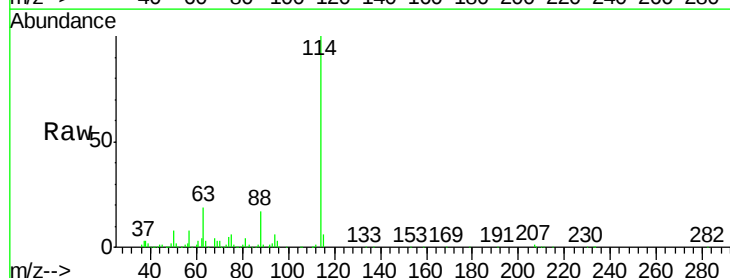
Tgt Ion:114 Resp: 347830

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.4

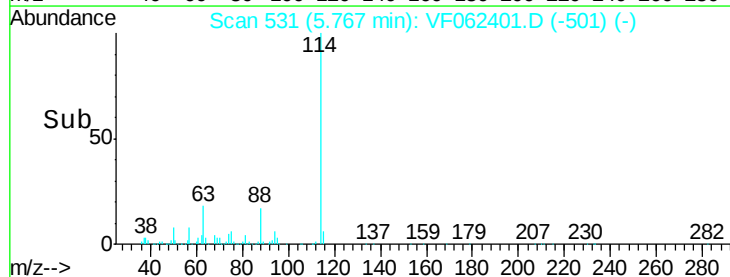
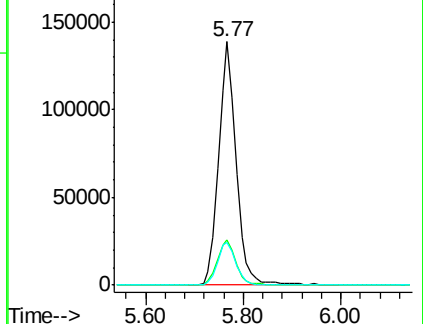
88 17.4 0.0 36.4

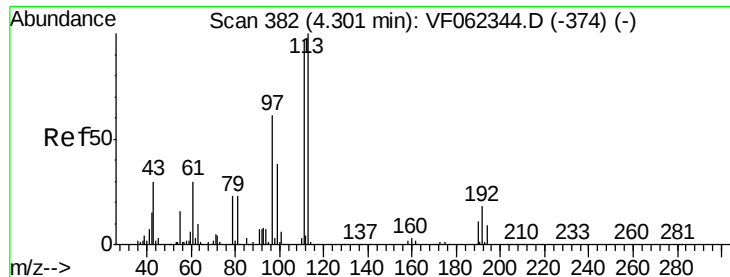


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0

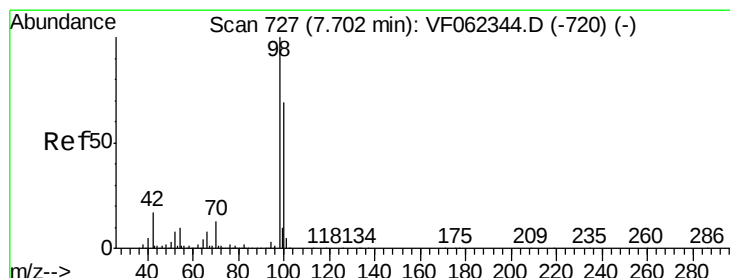
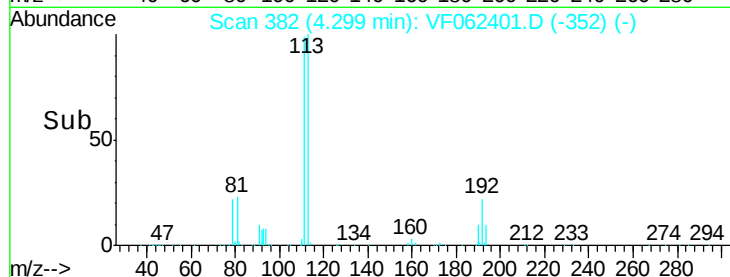
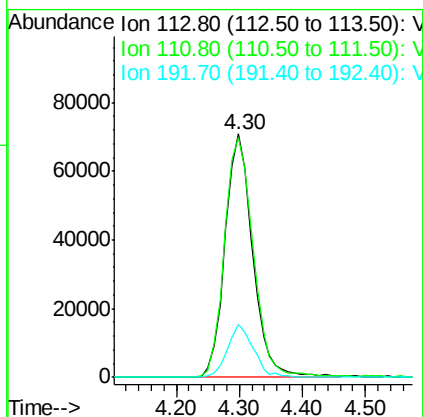
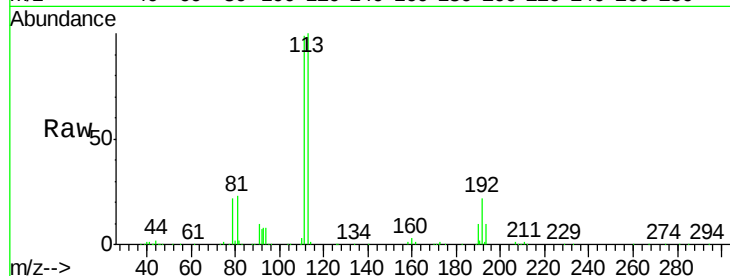




#35
 Dibromofluoromethane
 Concen: 77.843 ug/l
 RT: 4.30 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VF062401.D
 Acq: 9 May 2019 17:46

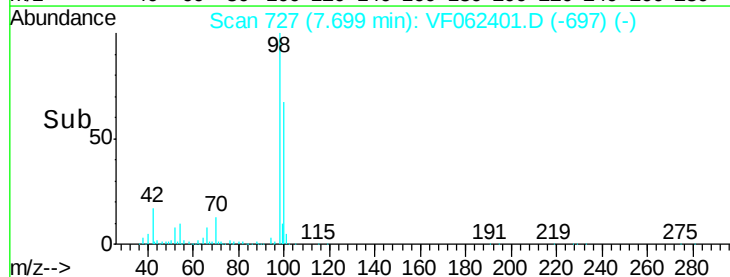
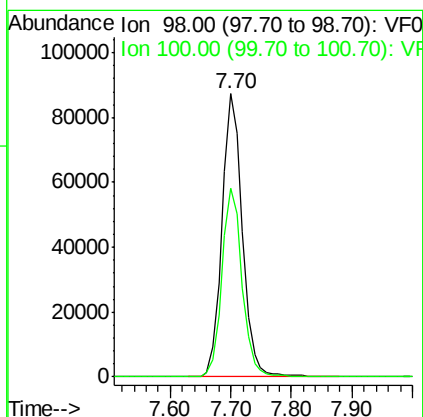
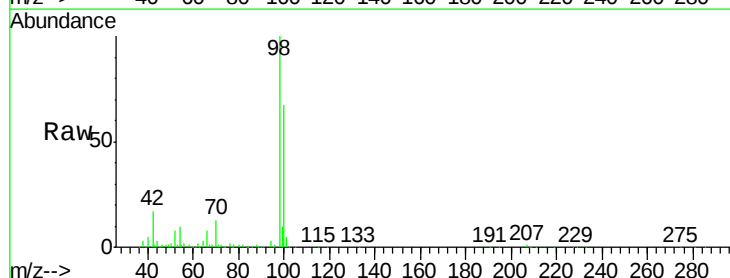
Instrument :
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 CL-02-050719-A

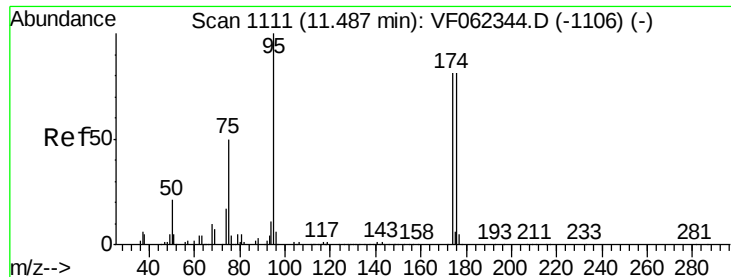
Tot Ion:113 Resp: 215712
 Ion Ratio Lower Upper
 113 100
 111 102.2 79.4 119.0
 192 20.4 16.0 24.0



#50
 Toluene-d8
 Concen: 30.454 ug/l
 RT: 7.70 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: VF062401.D
 Acq: 9 May 2019 17:46

Tgt Ion: 98 Resp: 204283
 Ion Ratio Lower Upper
 98 100
 100 65.8 53.3 79.9





#62

4-Bromofluorobenzene

Concen: 35.846 ug/l

RT: 11.48 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VF062401.D

Acq: 9 May 2019 17:46

Instrument :

MSVOA_F

ClientSampleId :

CL-02-050719-A

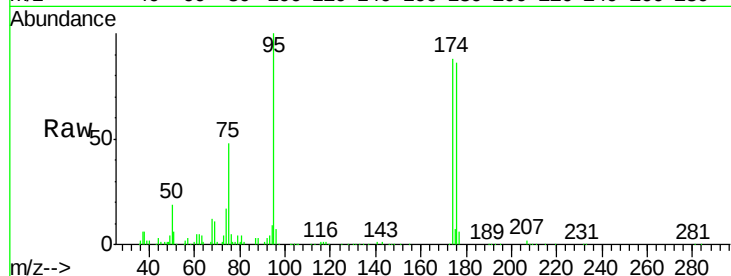
Tot Ion: 95 Resp: 108481

Ion Ratio Lower Upper

95 100

174 98.5 0.0 191.8

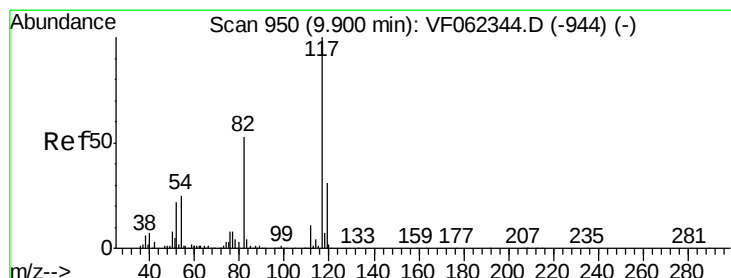
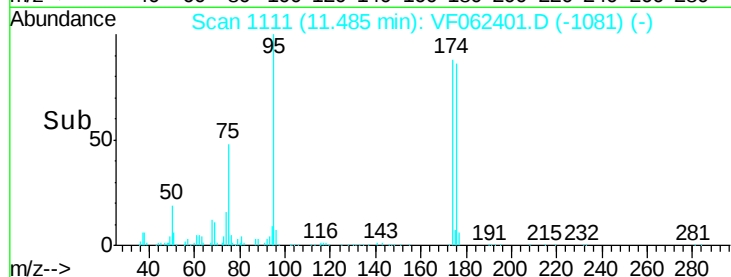
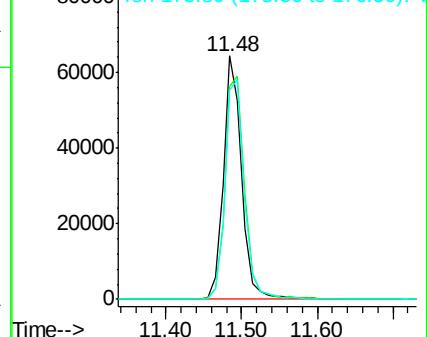
176 94.9 0.0 193.2



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: 9.90 min Scan# 950

Delta R.T. -0.00 min

Lab File: VF062401.D

Acq: 9 May 2019 17:46

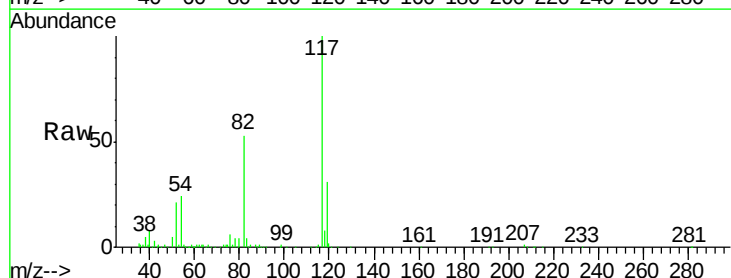
Tgt Ion: 117 Resp: 211693

Ion Ratio Lower Upper

117 100

82 53.2 42.2 63.2

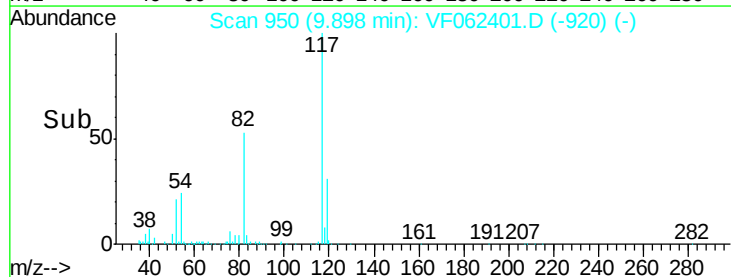
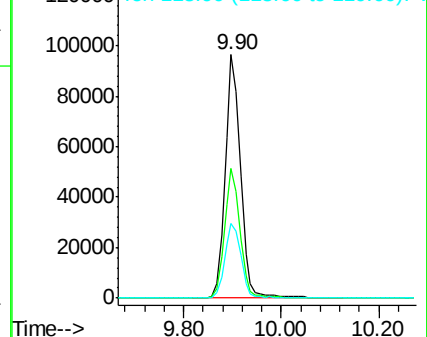
119 30.8 25.0 37.4

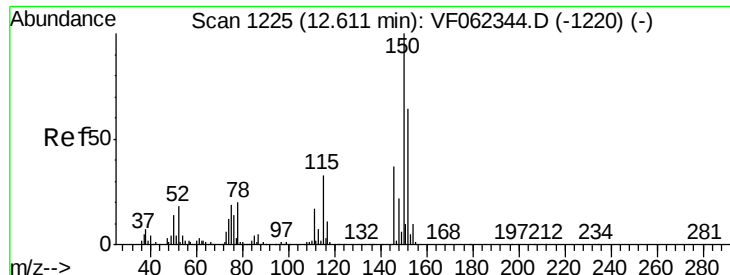


Abundance Ion 116.90 (116.60 to 117.60): VF0

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# 1225

Delta R.T. -0.00 min

Lab File: VF062401.D

Acq: 9 May 2019 17:46

Instrument :

MSVOA_F

ClientSampleId :

CL-02-050719-A

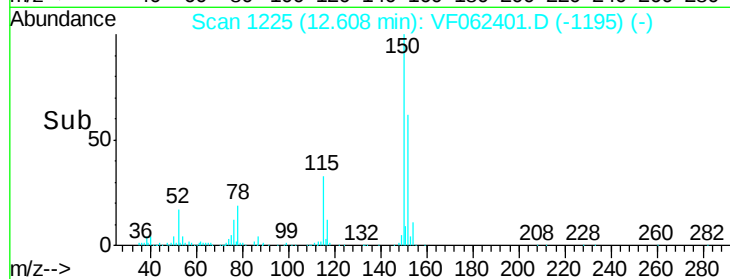
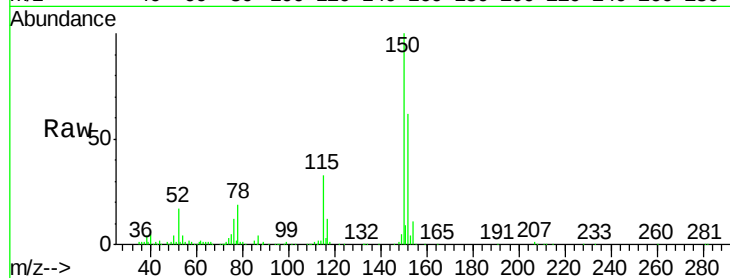
Tot Ion:152 Resp: 87278

Ion Ratio Lower Upper

152 100

115 56.0 26.4 79.2

150 156.9 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

