

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041919\
 Data File : VF062226.D
 Acq On : 19 Apr 2019 15:48
 Operator : FY/SY
 Sample : K2198-03
 Misc : 6.27g/5mL/MSVOA F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OK-02-041619

Quant Time: Apr 19 16:25:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 03:56:19 2019
 Response via : Initial Calibration

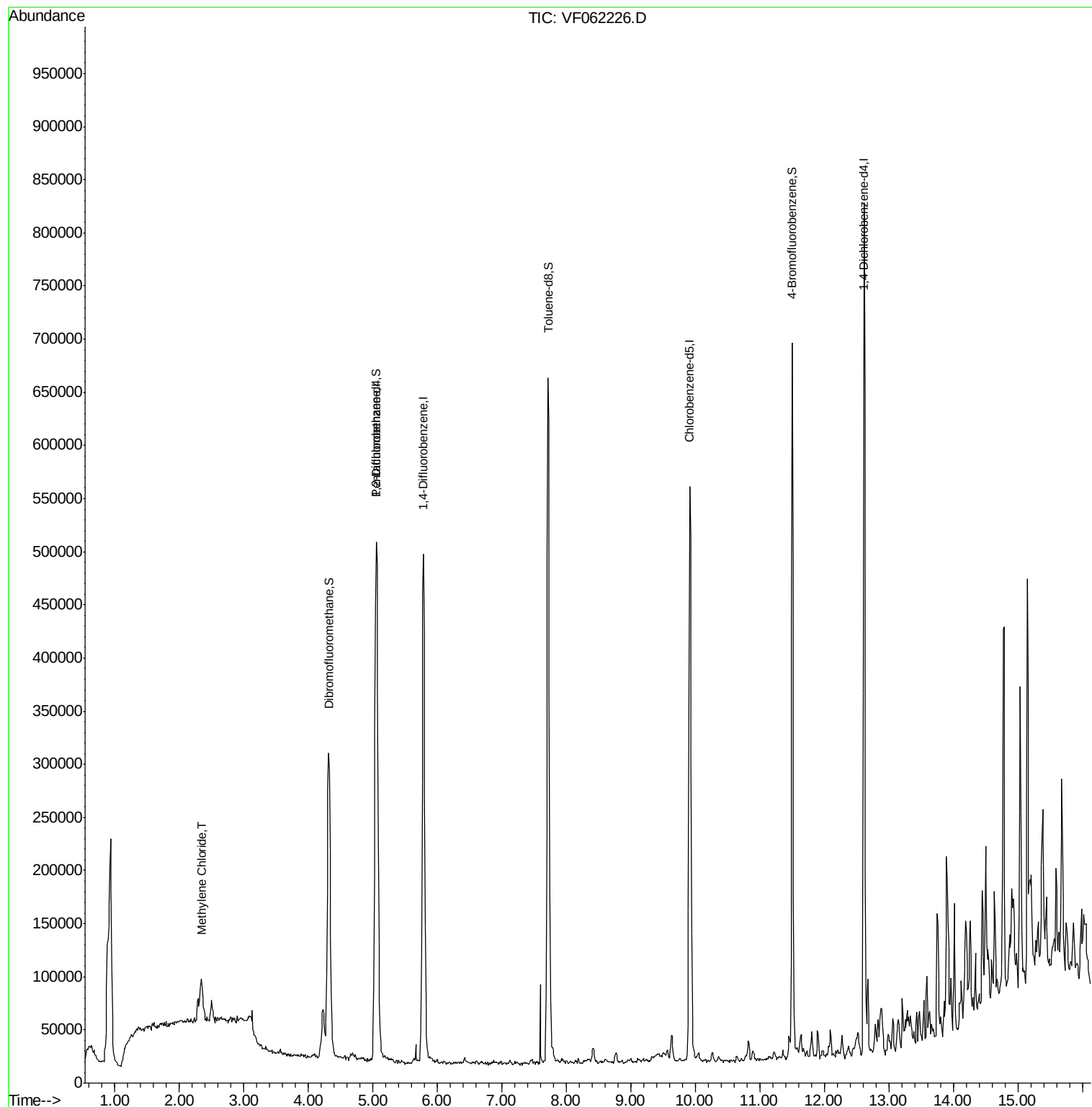
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	399349	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.78	114	602594	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.91	117	423514	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	216982	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	210734	57.55	ug/l	0.03
Spiked Amount 50.000			Recovery	=	115.10%	
35) Dibromofluoromethane	4.32	113	284237	53.92	ug/l	0.02
Spiked Amount 50.000			Recovery	=	107.84%	
50) Toluene-d8	7.72	98	590401	44.25	ug/l	0.02
Spiked Amount 50.000			Recovery	=	88.50%	
62) 4-Bromofluorobenzene	11.50	95	240579	46.87	ug/l	0.02
Spiked Amount 50.000			Recovery	=	93.74%	
Target Compounds						
20) Methylene Chloride	2.34	84	35936	2.399	ug/l	Qvalue 94

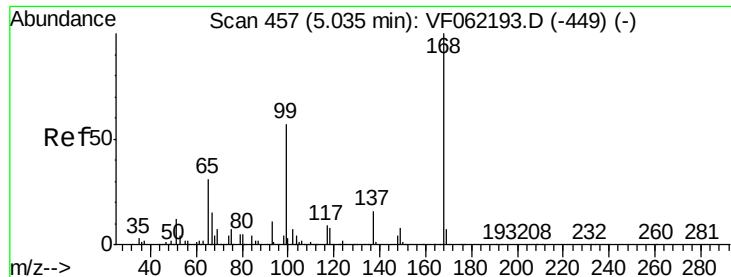
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Apr 19 03:56:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.03 min

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MSVOA_F

ClientSampleId :

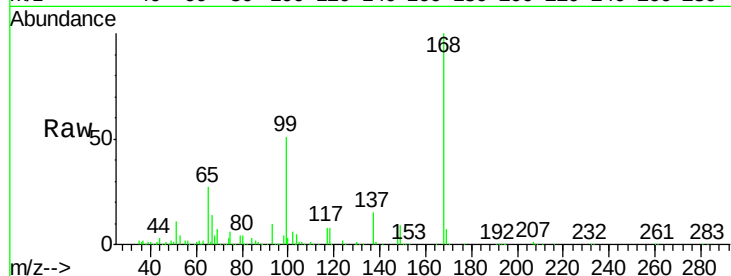
OK-02-041619

Tot Ion:168 Resp: 399349

Ion Ratio Lower Upper

168 100

99 50.8 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.06

150000

100000

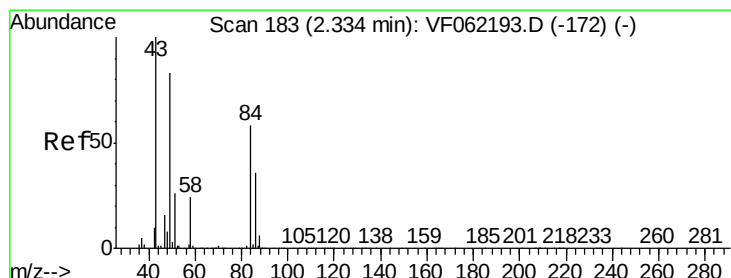
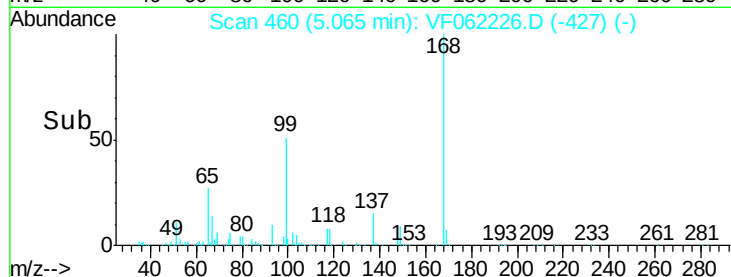
50000

0

Time-->

5.00

5.20



#20

Methylene Chloride

Concen: 2.399 ug/l

RT: 2.34 min Scan# 184

Delta R.T. 0.01 min

Lab File: VF062226.D

Acq: 19 Apr 2019 15:48

Tgt Ion: 84 Resp: 35936

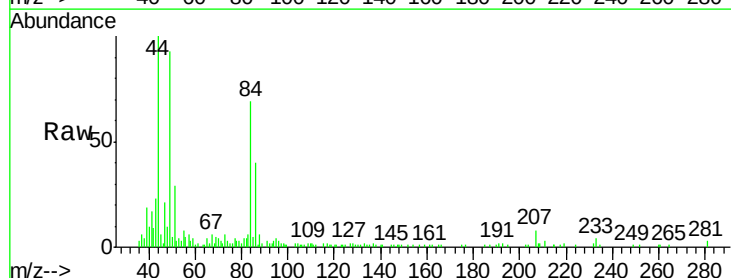
Ion Ratio Lower Upper

84 100

49 136.7 114.0 171.0

51 38.4 37.0 55.4

86 59.1 49.8 74.8



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

20000

15000

10000

5000

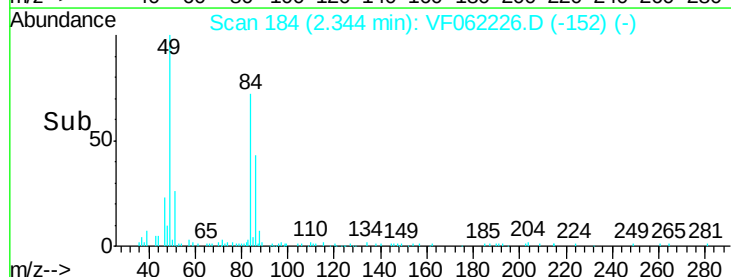
0

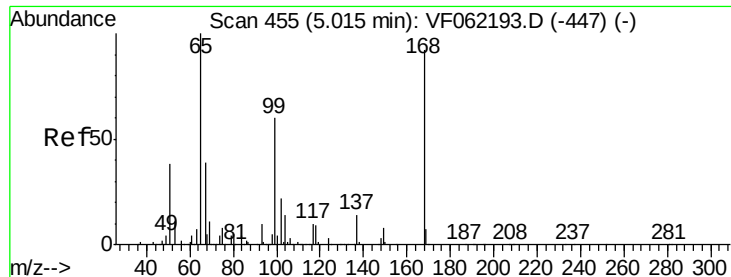
Time-->

2.20

2.30

2.40





#33

1,2-Dichloroethane-d4

Concen: 57.549 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.03 min

Lab File: VF062226.D

Acq: 19 Apr 2019 15:48

Instrument :

MSVOA_F

ClientSampleId :

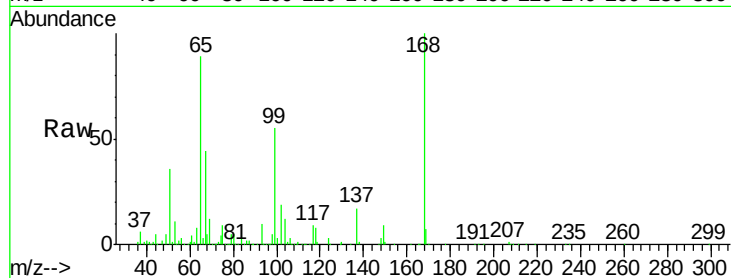
OK-02-041619

Tot Ion: 65 Resp: 210734

Ion Ratio Lower Upper

65 100

67 51.6 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.04

80000

60000

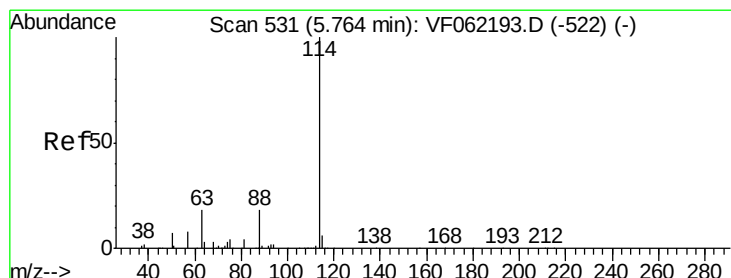
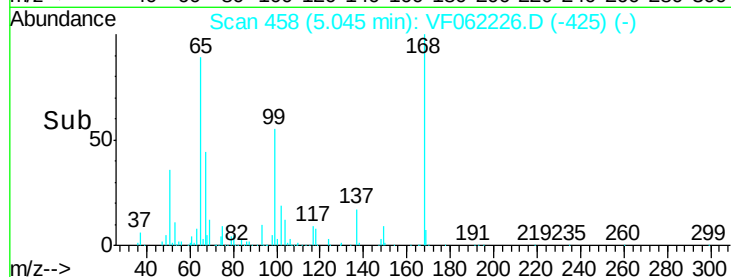
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 533

Delta R.T. 0.02 min

Lab File: VF062226.D

Acq: 19 Apr 2019 15:48

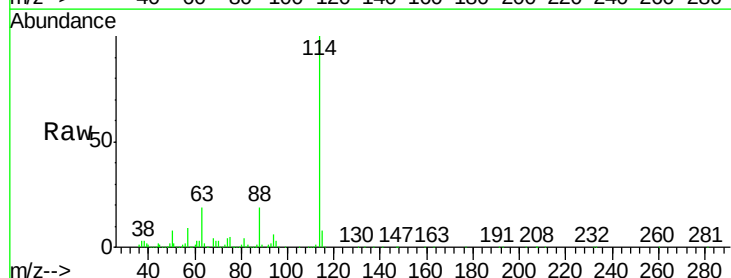
Tgt Ion: 114 Resp: 602594

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.6

88 18.8 0.0 35.8



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

250000

200000

150000

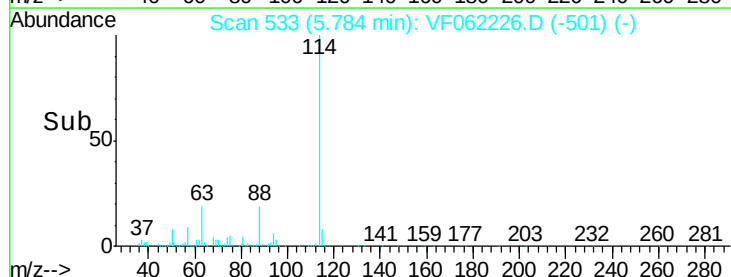
100000

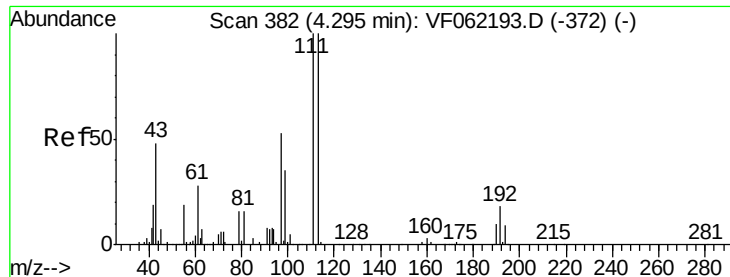
50000

0

Time-->

5.60 5.80 6.00

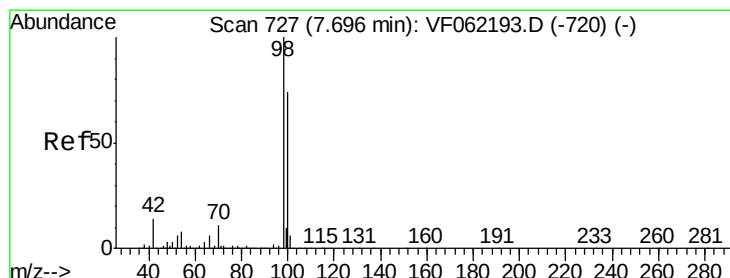
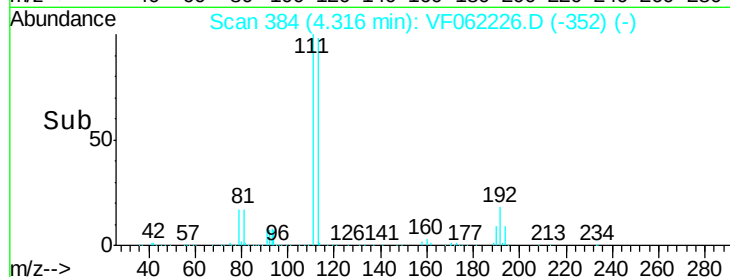
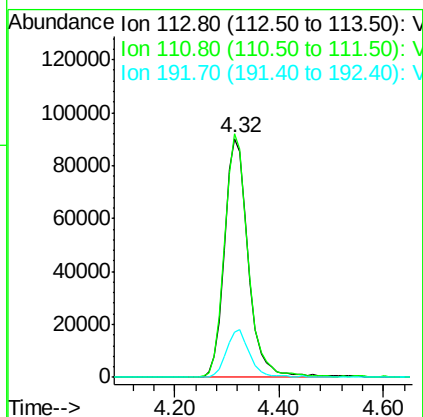
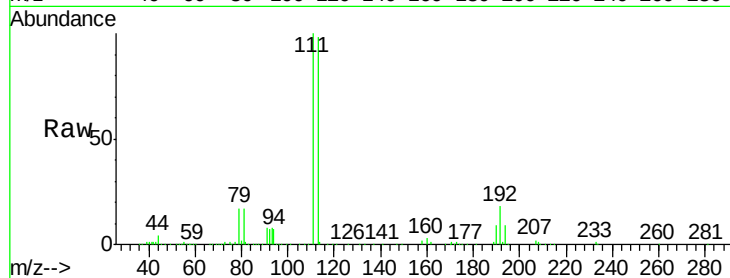




#35
 Dibromofluoromethane
 Concen: 53.924 ug/l
 RT: 4.32 min Scan# 384
 Delta R.T. 0.02 min
 Lab File: VF062226.D
 Acq: 19 Apr 2019 15:48

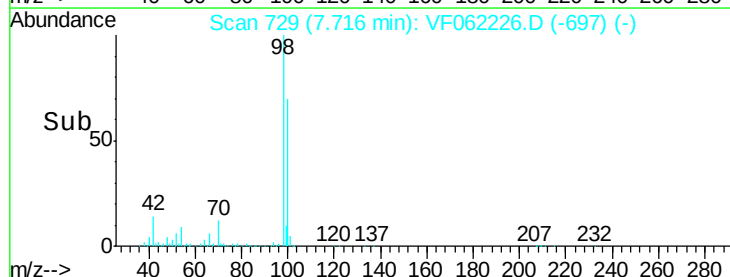
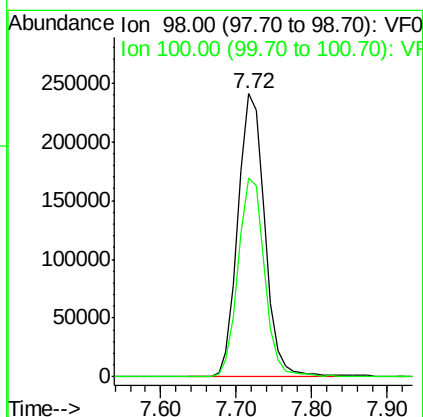
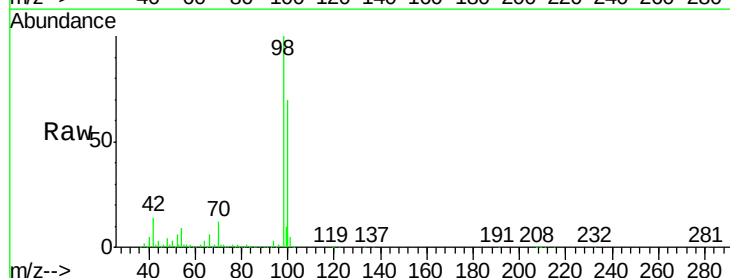
Instrument :
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 OK-02-041619

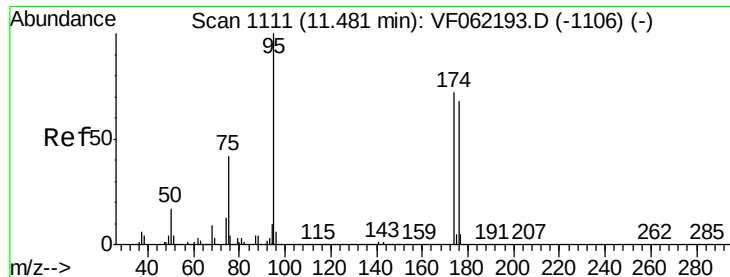
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.1	121.7
192	19.4	14.7	22.1



#50
 Toluene-d8
 Concen: 44.248 ug/l
 RT: 7.72 min Scan# 729
 Delta R.T. 0.02 min
 Lab File: VF062226.D
 Acq: 19 Apr 2019 15:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	69.3	56.2	84.2

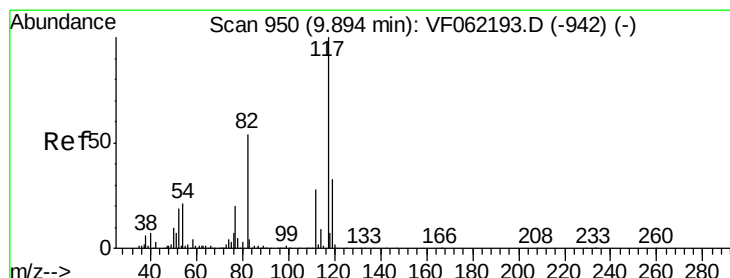
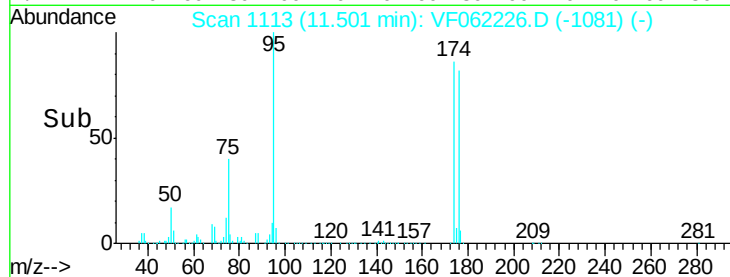
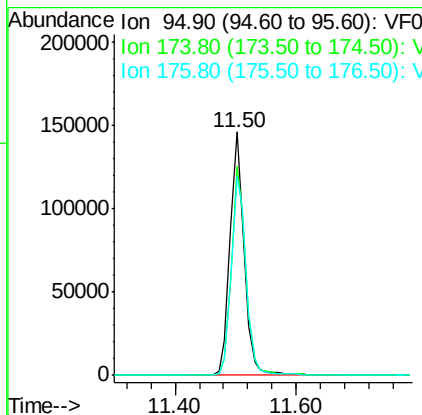
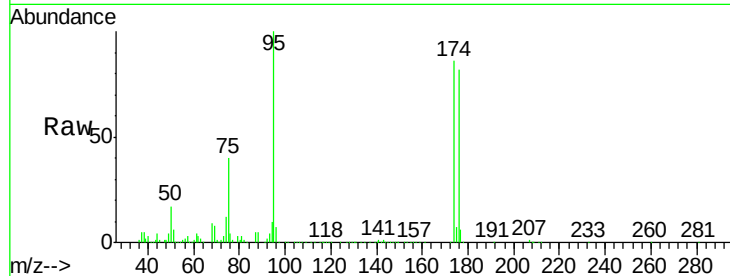




#62
4-Bromofluorobenzene
Concen: 46.869 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062226.D
Acq: 19 Apr 2019 15:48

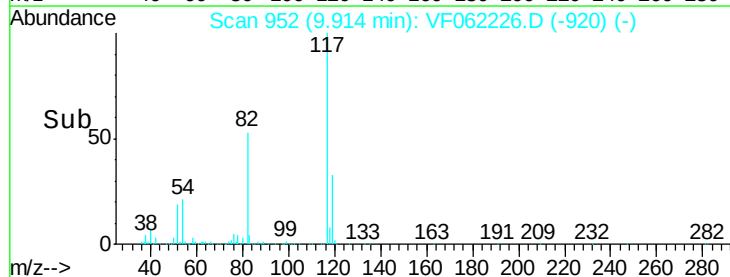
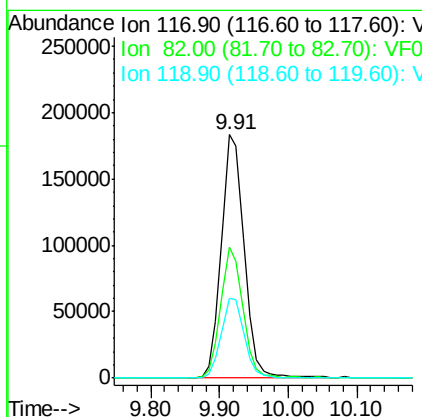
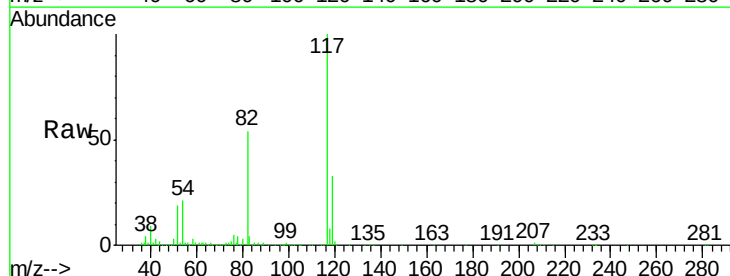
Instrument :
MSVOA_F
ClientSampleId :
OK-02-041619

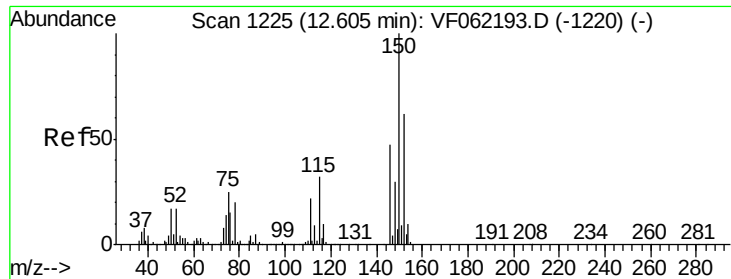
Tot Ion: 95 Resp: 240579
Ion Ratio Lower Upper
95 100
174 86.5 0.0 159.4
176 85.4 0.0 155.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062226.D
Acq: 19 Apr 2019 15:48

Tgt Ion: 117 Resp: 423514
Ion Ratio Lower Upper
117 100
82 53.6 43.2 64.8
119 32.9 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VF062226.D

Acq: 19 Apr 2019 15:48

Instrument :

MSVOA_F

ClientSampleId :

OK-02-041619

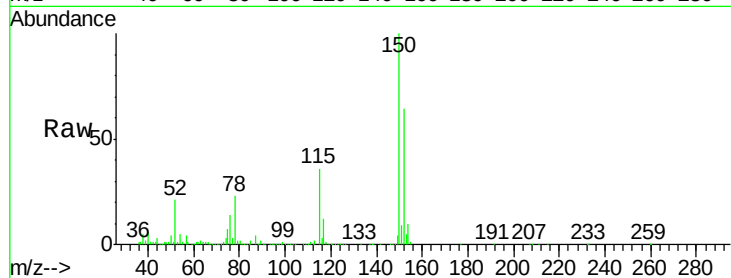
Tot Ion:152 Resp: 216982

Ion Ratio Lower Upper

152 100

115 54.9 27.8 83.3

150 154.0 0.0 341.8



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

