

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052219\
 Data File : VF062711.D
 Acq On : 22 May 2019 17:45
 Operator : FY/SY
 Sample : K3008-06
 Misc : 6.22g/5mL/MSVOA F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VOC-21

Quant Time: May 23 02:10:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

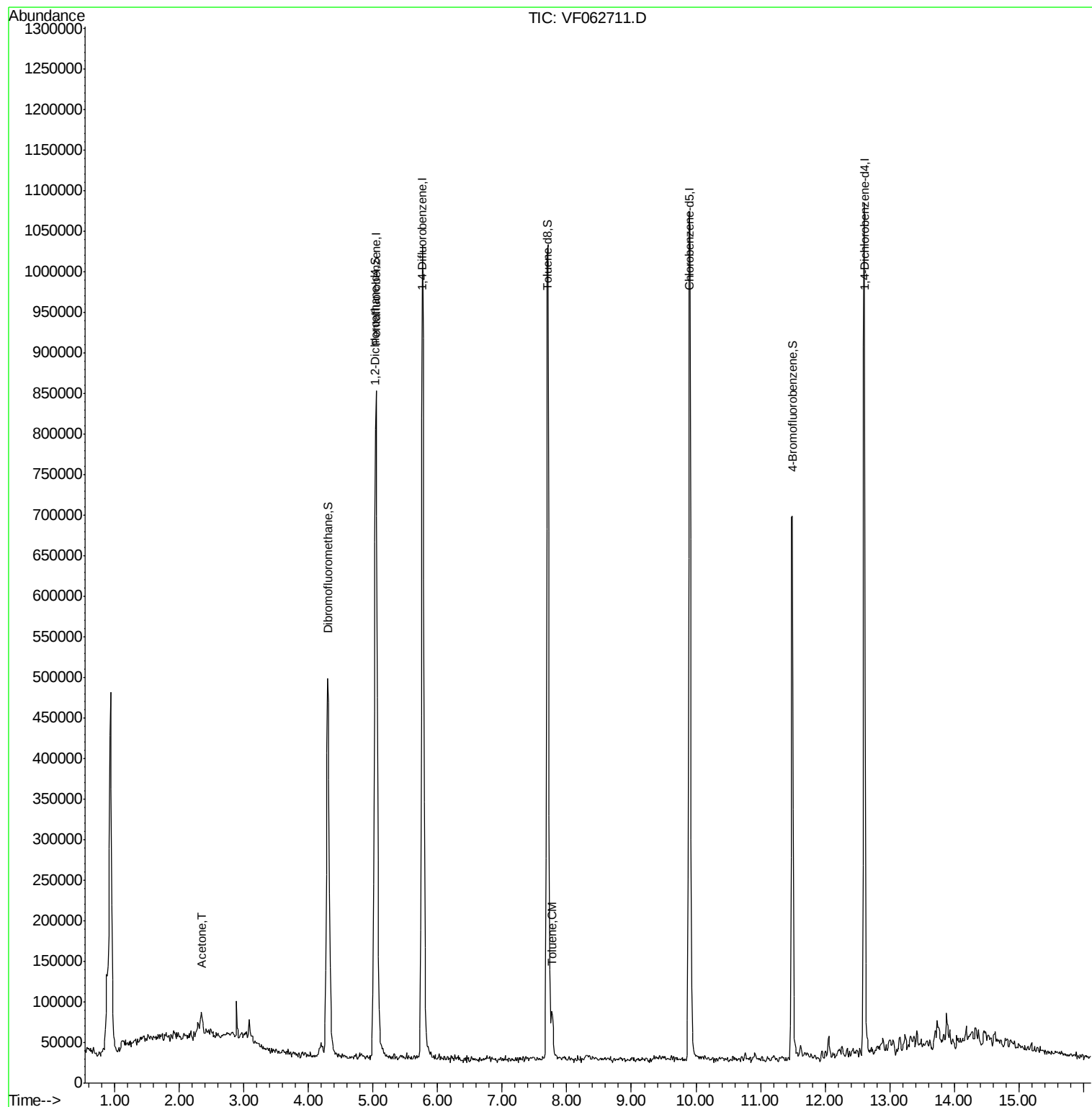
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	735721	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.77	114	1263817	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.90	117	843988	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	298871	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	247668	47.64	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	95.28%	
35) Dibromofluoromethane	4.30	113	470563	48.66	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	97.32%	
50) Toluene-d8	7.71	98	940429	40.73	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	81.46%	
62) 4-Bromofluorobenzene	11.48	95	265103	30.27	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	60.54%	
Target Compounds						
16) Acetone	2.35	43	24905	18.465	ug/l	Qvalue 100
52) Toluene	7.77	92	28762	1.554	ug/l	93

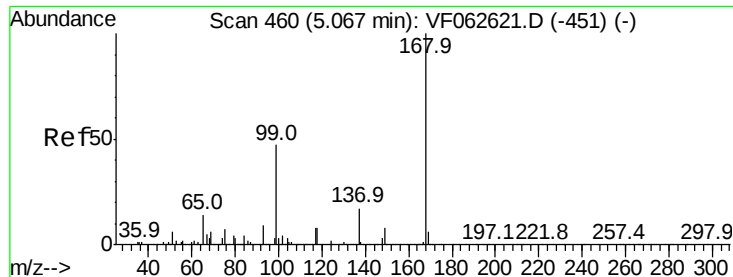
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.02 min

Lab File: VF062711.D

Acq: 22 May 2019 17:45

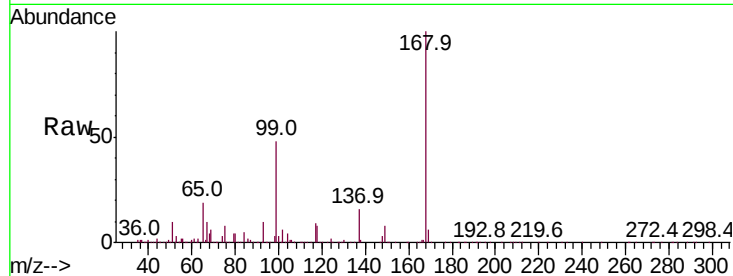
Instrument :
MSVOA_F
ClientSampleId :
VOC-21

Tot Ion:168 Resp: 735721

Ion Ratio Lower Upper

168 100

99 48.4 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

250000

200000

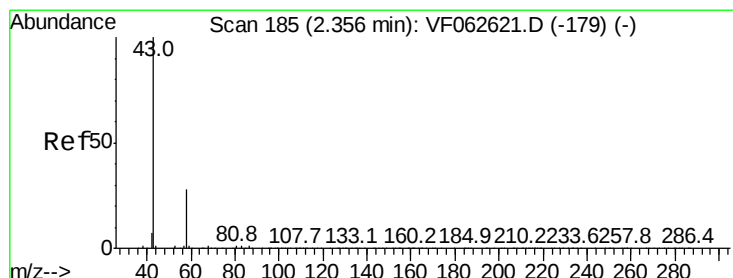
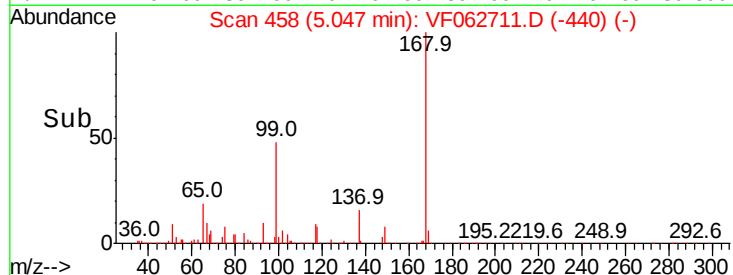
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 18.465 ug/l

RT: 2.35 min Scan# 184

Delta R.T. -0.01 min

Lab File: VF062711.D

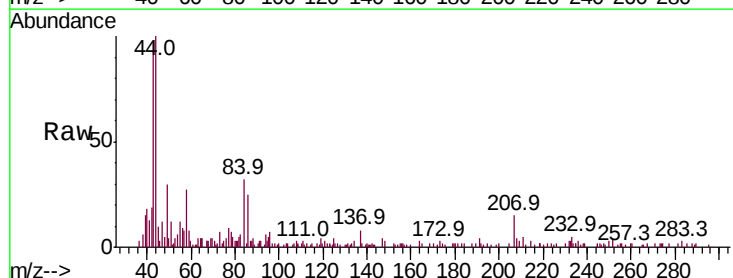
Acq: 22 May 2019 17:45

Tgt Ion: 43 Resp: 24905

Ion Ratio Lower Upper

43 100

58 28.0 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.35

10000

8000

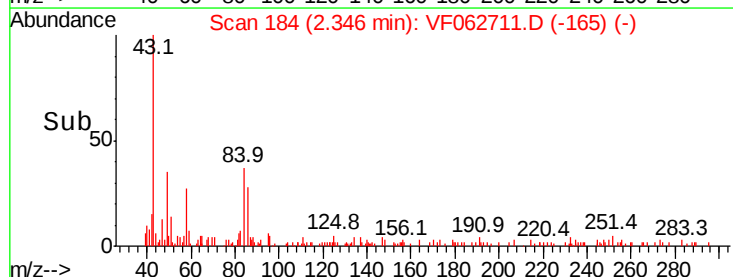
6000

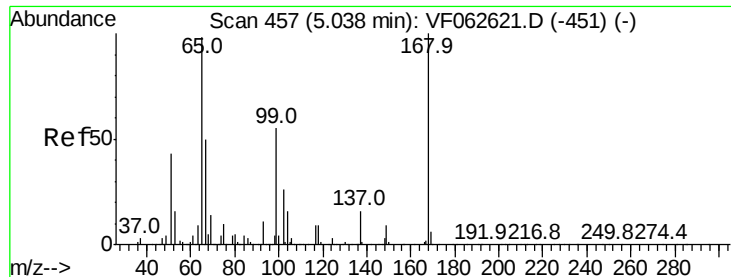
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.638 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.01 min

Lab File: VF062711.D

Acq: 22 May 2019 17:45

Instrument :

MSVOA_F

ClientSampleId :

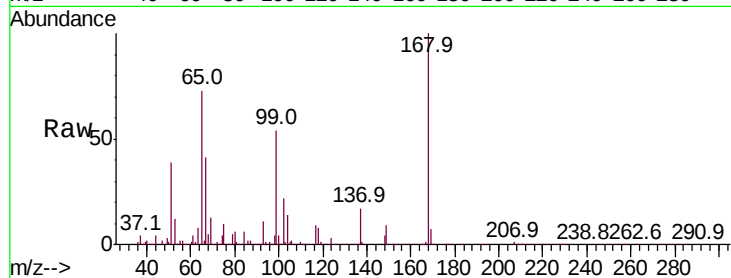
VOC-21

Tot Ion: 65 Resp: 247668

Ion Ratio Lower Upper

65 100

67 57.0 0.0 117.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.03

80000

60000

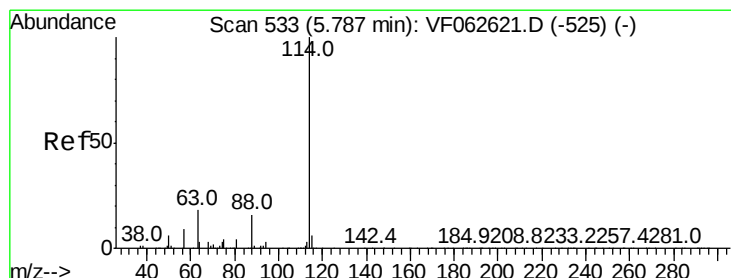
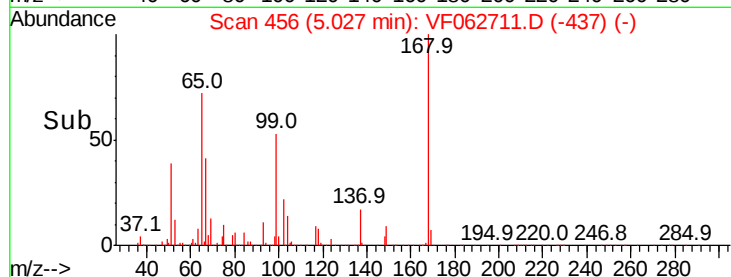
40000

20000

0

4.90 5.00 5.10 5.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 531

Delta R.T. -0.02 min

Lab File: VF062711.D

Acq: 22 May 2019 17:45

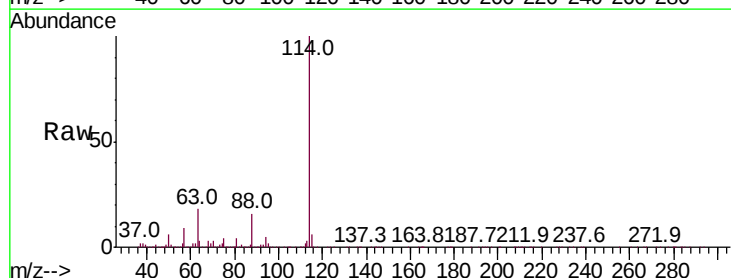
Tgt Ion: 114 Resp: 1263817

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.4

88 16.3 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

5.77

600000

500000

400000

300000

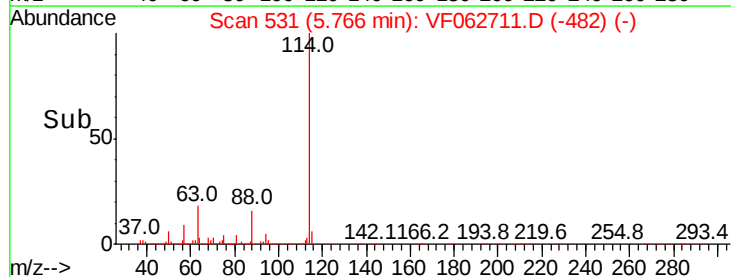
200000

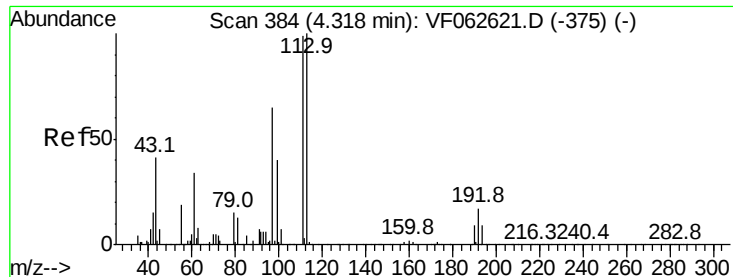
100000

0

5.60 5.70 5.80 5.90 6.00

Time-->

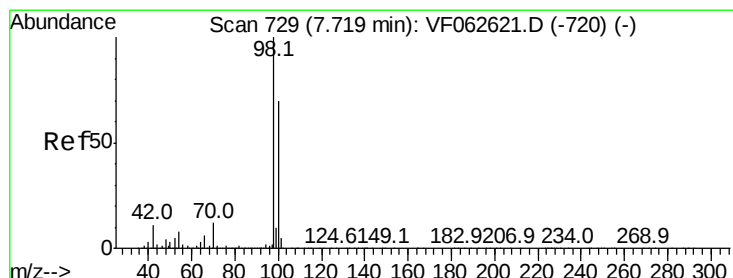
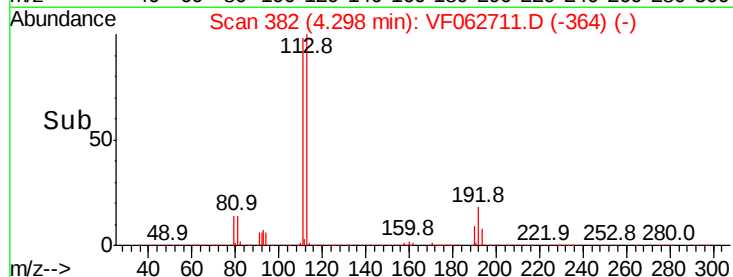
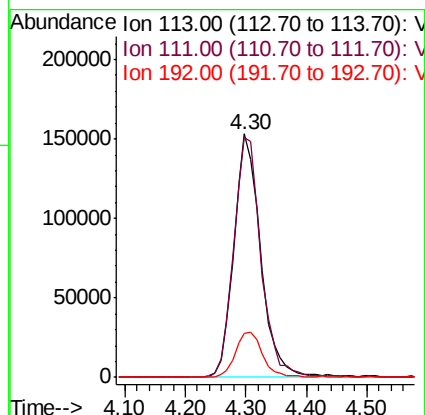
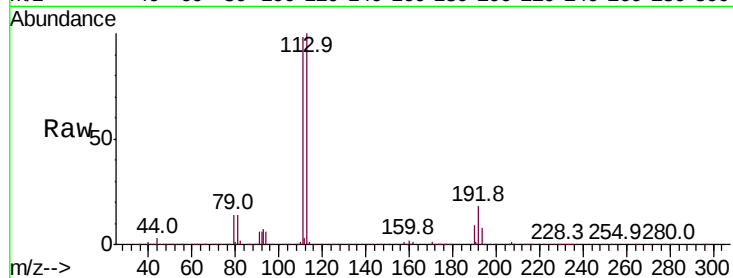




#35
 Dibromofluoromethane
 Concen: 48.658 ug/l
 RT: 4.30 min Scan# 382
 Delta R.T. -0.02 min
 Lab File: VF062711.D
 Acq: 22 May 2019 17:45

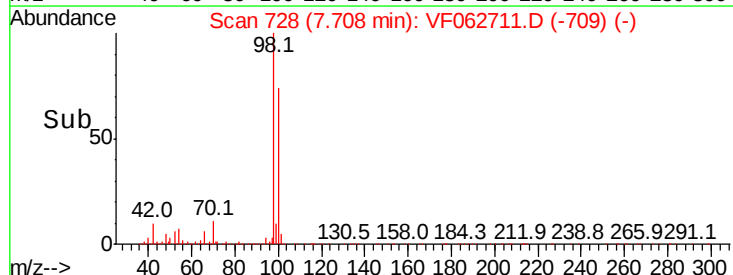
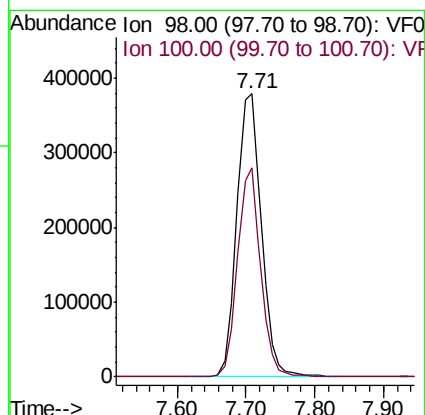
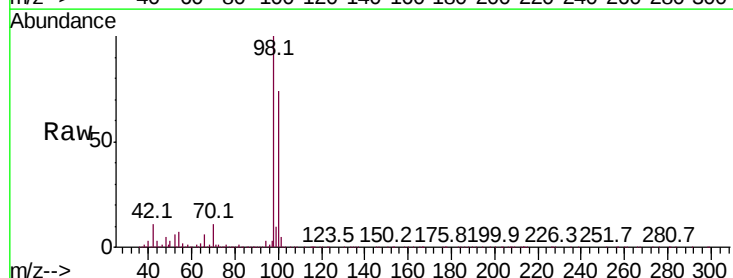
Instrument :
 MSVOA_F
 ClientSampleId :
 VOC-21

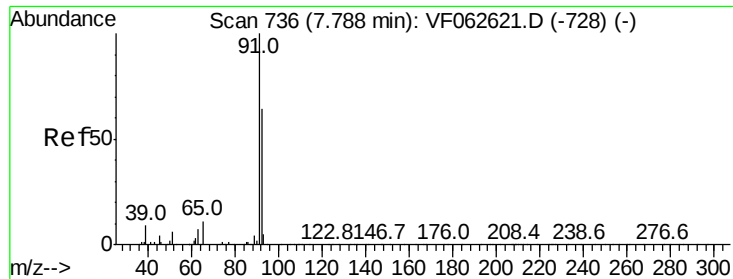
Tot Ion	Ratio	Lower	Upper
113	100		
111	98.3	79.4	119.2
192	18.0	13.4	20.2



#50
 Toluene-d8
 Concen: 40.729 ug/l
 RT: 7.71 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VF062711.D
 Acq: 22 May 2019 17:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	73.7	56.2	84.2





#52

Toluene

Concen: 1.554 ug/l

RT: 7.77 min Scan# 734

Delta R.T. -0.02 min

Lab File: VF062711.D

Acq: 22 May 2019 17:45

Instrument :

MSVOA_F

ClientSampleId :

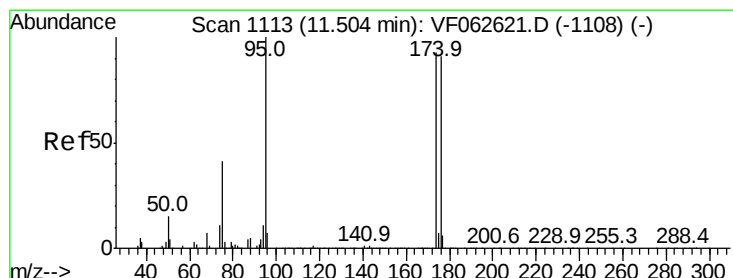
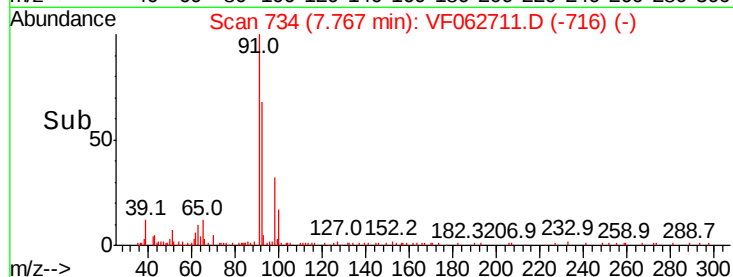
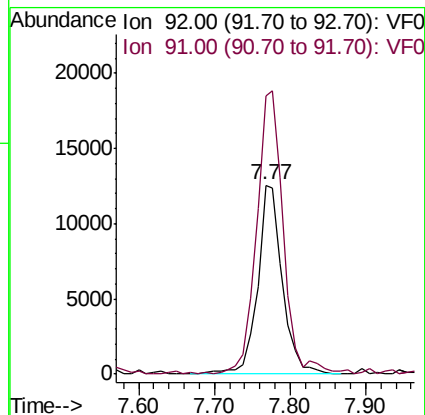
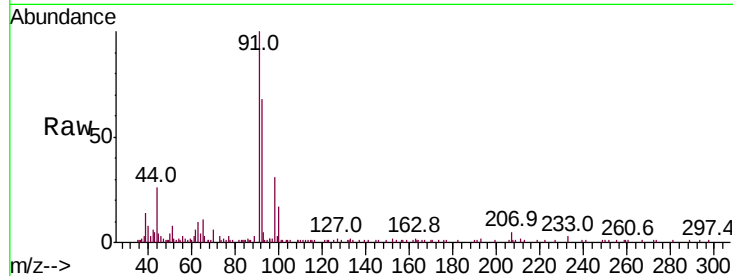
VOC-21

Tot Ion: 92 Resp: 28762

Ion Ratio Lower Upper

92 100

91 147.6 125.4 188.0



#62

4-Bromofluorobenzene

Concen: 30.272 ug/l

RT: 11.48 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VF062711.D

Acq: 22 May 2019 17:45

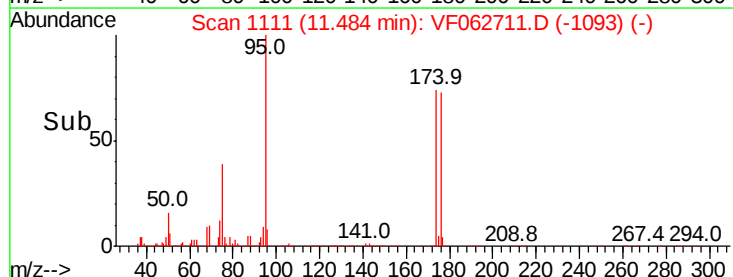
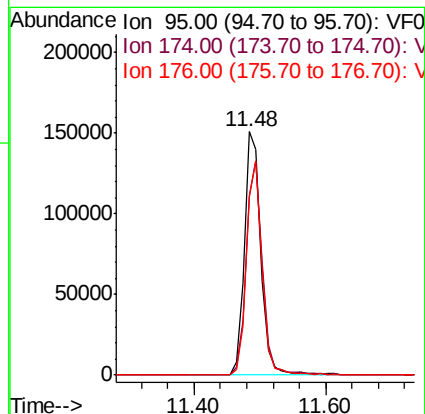
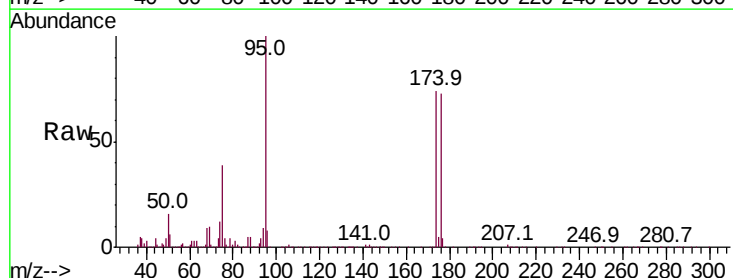
Tgt Ion: 95 Resp: 265103

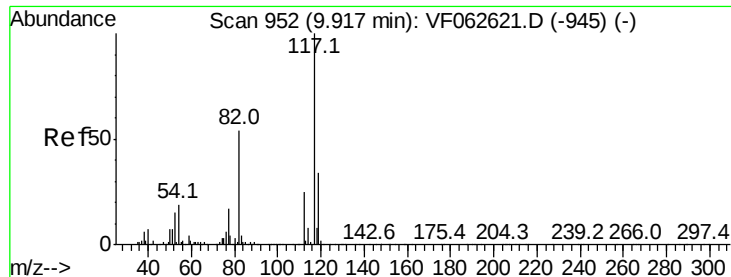
Ion Ratio Lower Upper

95 100

174 73.9 0.0 185.6

176 73.1 0.0 182.4

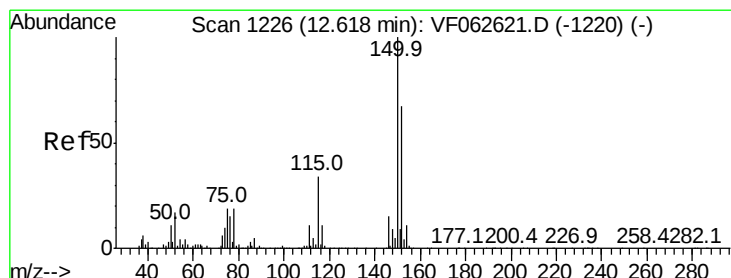
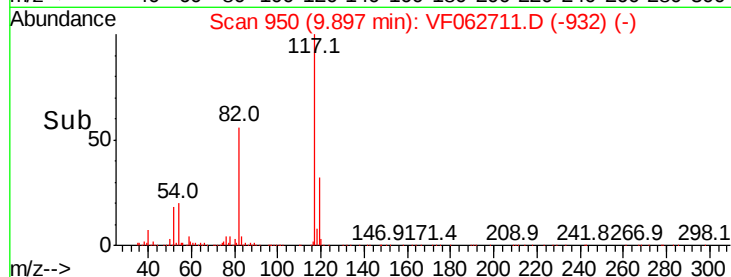
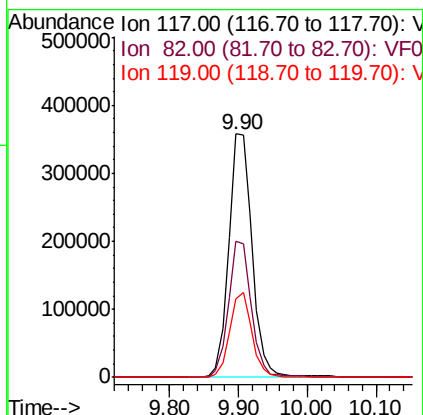
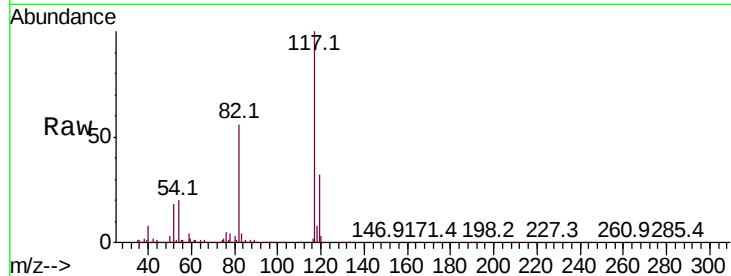




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.02 min
Lab File: VF062711.D
Acq: 22 May 2019 17:45

Instrument :
MSVOA_F
ClientSampleId :
VOC-21

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	43.3	64.9
119	32.4	27.4	41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.01 min
Lab File: VF062711.D
Acq: 22 May 2019 17:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	50.8	25.2	75.6
150	148.9	0.0	306.2

