

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052119\
 Data File : VF062683.D
 Acq On : 21 May 2019 15:19
 Operator : FY/SY
 Sample : K2970-06RE
 Misc : 5.39g/5mL/MSVOA F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-11-D2RE

Quant Time: May 22 04:20:01 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

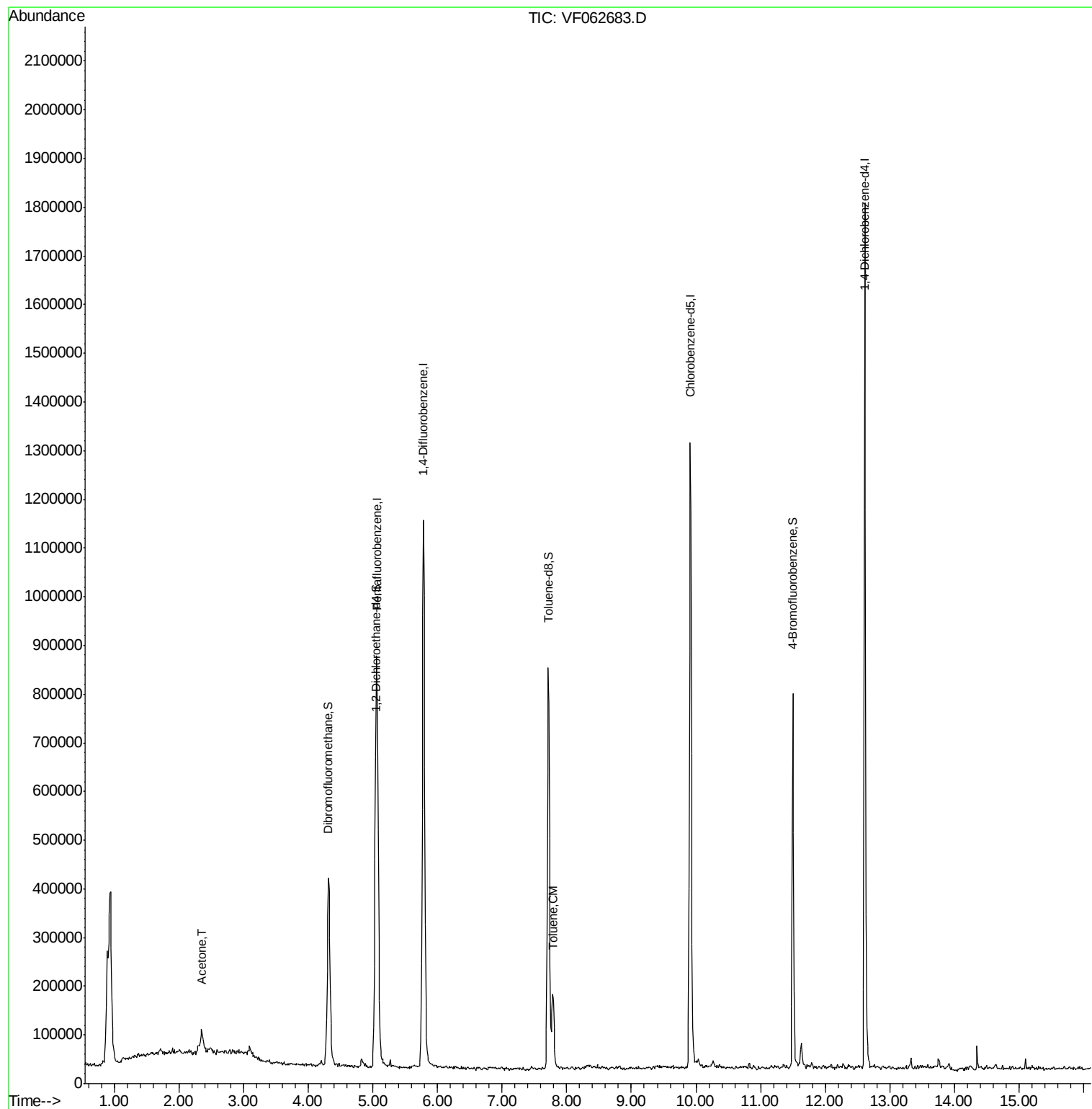
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	852396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	1413717	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	1012912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	473907	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	185440	30.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.58%	
35) Dibromofluoromethane	4.31	113	386999	35.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.54%	
50) Toluene-d8	7.71	98	770585	29.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.66%	
62) 4-Bromofluorobenzene	11.50	95	272247	27.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.58%	
Target Compounds						
16) Acetone	2.35	43	58534	37.458	ug/l	91
52) Toluene	7.78	92	86213	4.165	ug/l	88

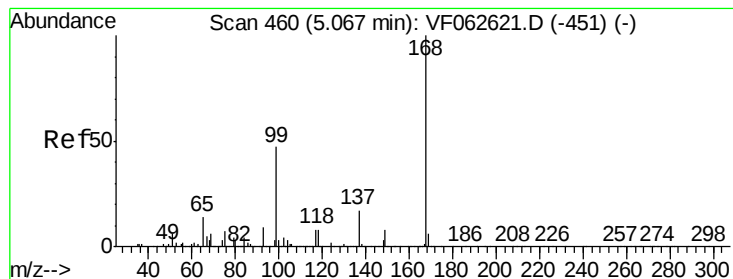
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.00 min

Lab File: VF062683.D

Acq: 21 May 2019 15:19

Instrument :

MSVOA_F

ClientSampleId :

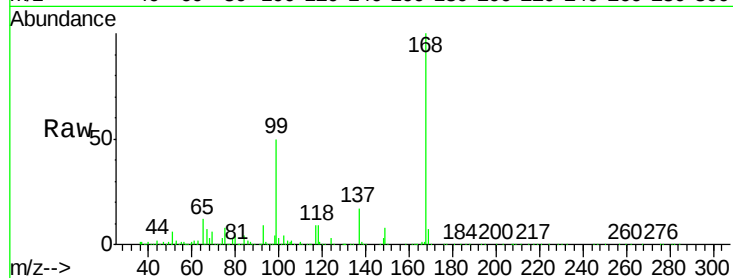
TP-11-D2RE

Tot Ion:168 Resp: 852396

Ion Ratio Lower Upper

168 100

99 50.3 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.06

300000

250000

200000

150000

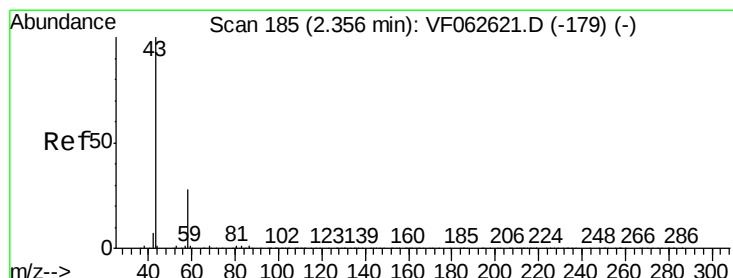
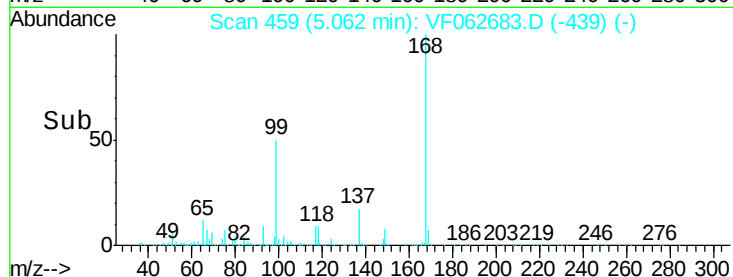
100000

50000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#16

Acetone

Concen: 37.458 ug/l

RT: 2.35 min Scan# 184

Delta R.T. -0.00 min

Lab File: VF062683.D

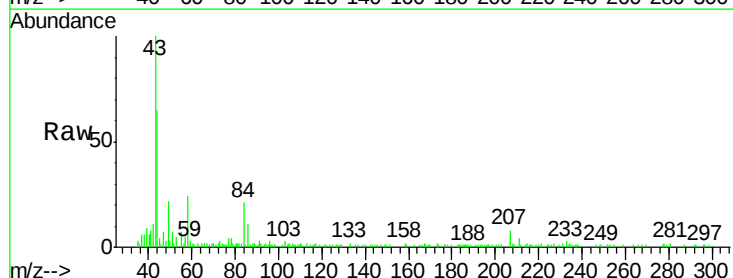
Acq: 21 May 2019 15:19

Tgt Ion: 43 Resp: 58534

Ion Ratio Lower Upper

43 100

58 23.7 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

20000

15000

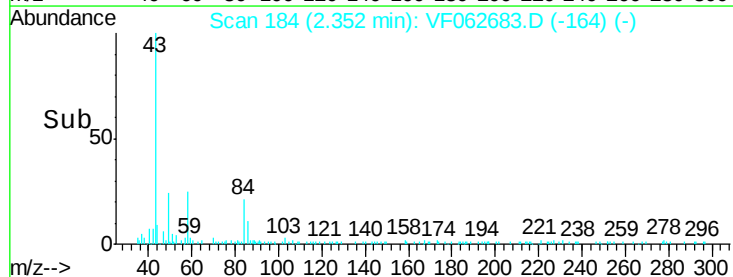
10000

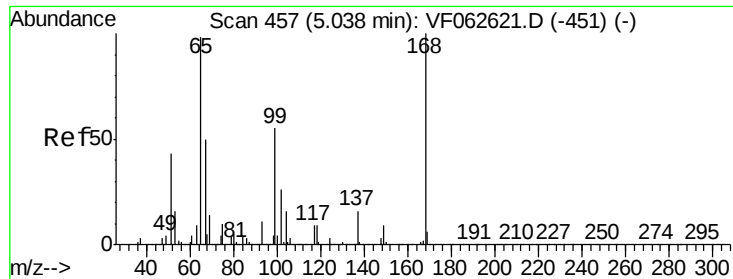
5000

0

Time-->

2.30 2.40





#33

1,2-Dichloroethane-d4

Concen: 30.786 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.00 min

Lab File: VF062683.D

Acq: 21 May 2019 15:19

Instrument :

MSVOA_F

ClientSampleId :

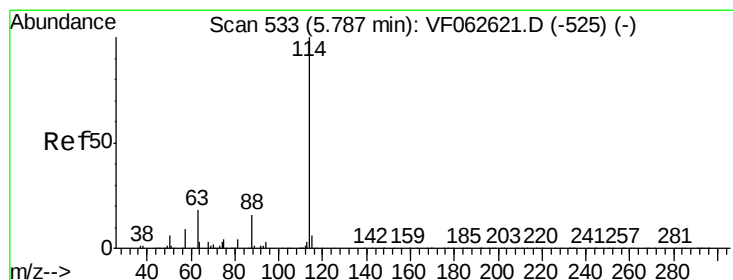
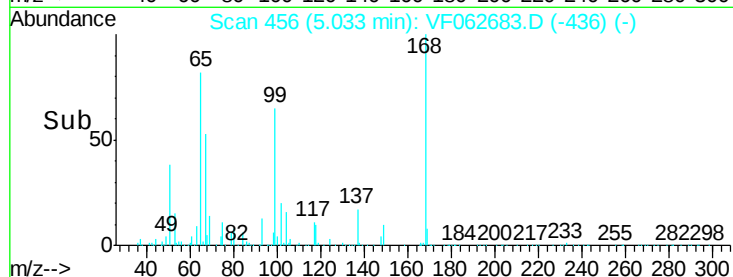
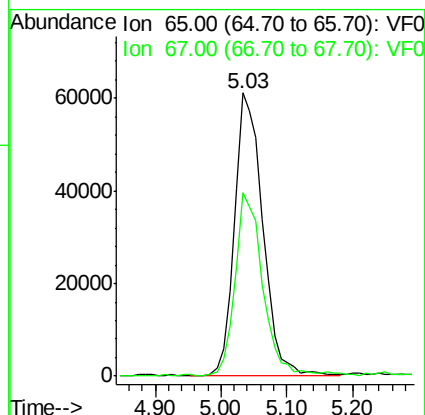
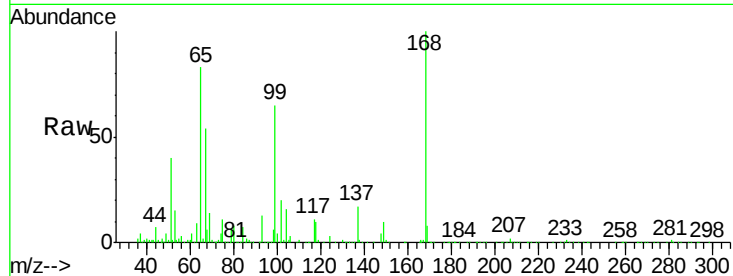
TP-11-D2RE

Tot Ion: 65 Resp: 185440

Ion Ratio Lower Upper

65 100

67 65.0 0.0 117.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. -0.00 min

Lab File: VF062683.D

Acq: 21 May 2019 15:19

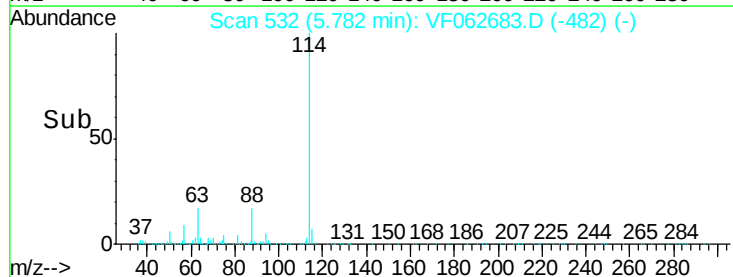
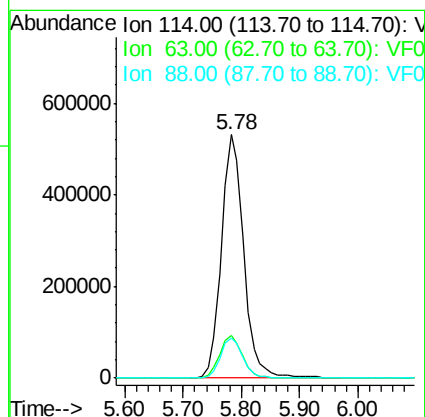
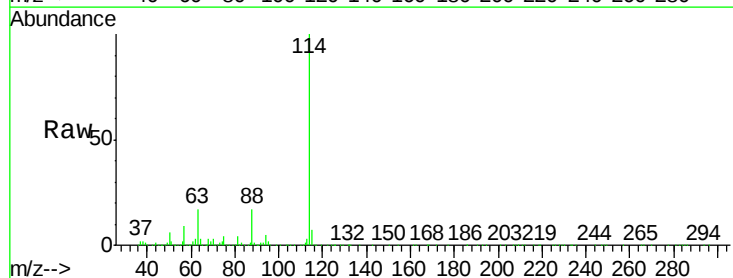
Tgt Ion: 114 Resp: 1413717

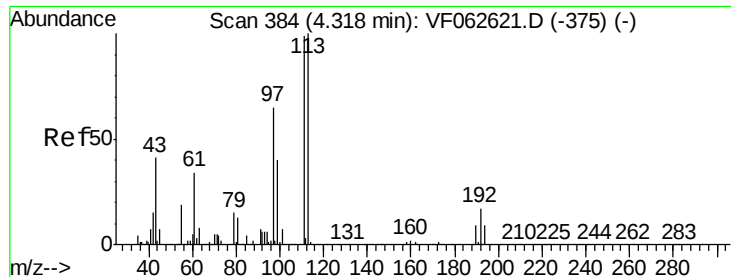
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.4

88 16.7 0.0 32.4

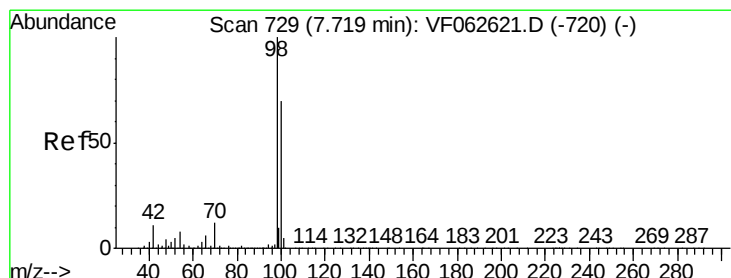
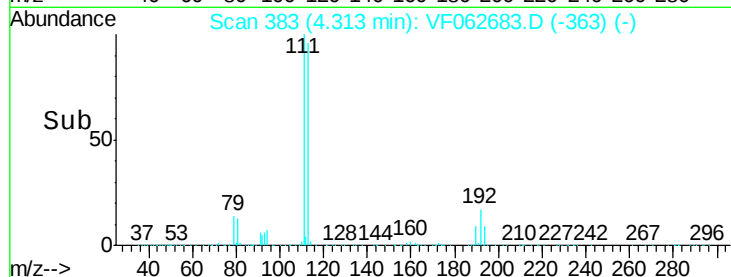
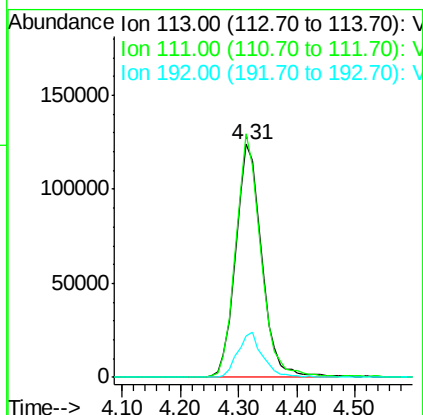
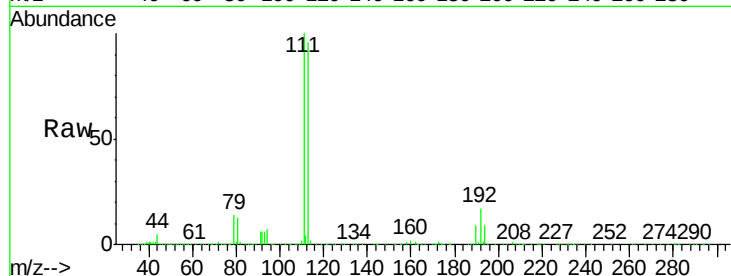




#35
Dibromofluoromethane
Concen: 35.774 ug/l
RT: 4.31 min Scan# 383
Delta R.T. -0.00 min
Lab File: VF062683.D
Acq: 21 May 2019 15:19

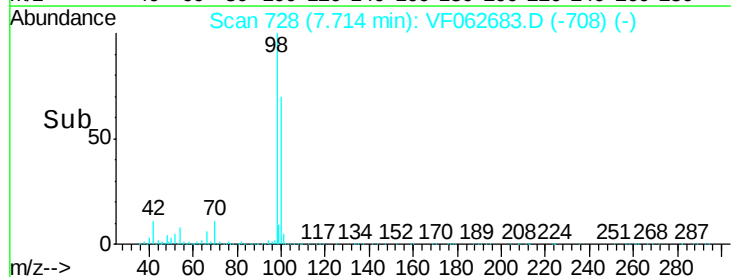
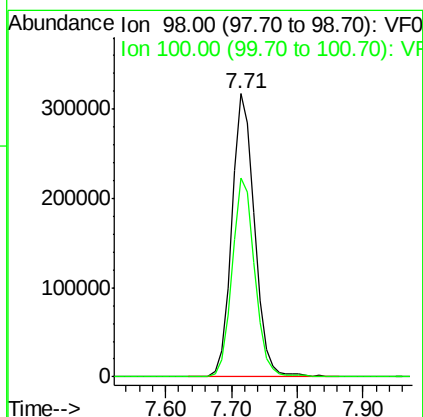
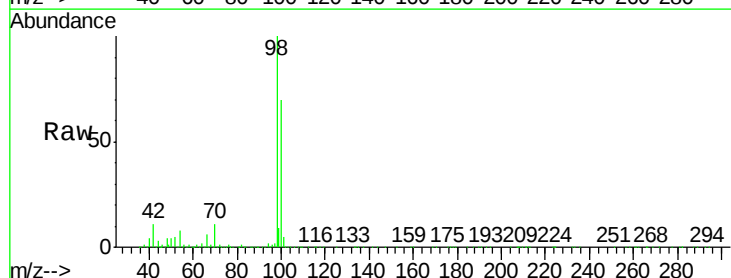
Instrument :
MSVOA_F
ClientSampleId :
TP-11-D2RE

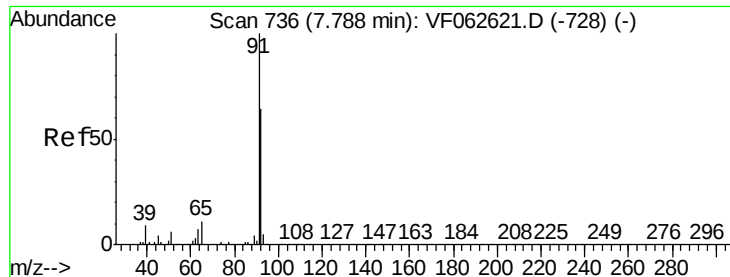
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.5	79.4	119.2
192	17.7	13.4	20.2



#50
Toluene-d8
Concen: 29.834 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.00 min
Lab File: VF062683.D
Acq: 21 May 2019 15:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	70.4	56.2	84.2





#52

Toluene

Concen: 4.165 ug/l

RT: 7.78 min Scan# 735

Delta R.T. -0.00 min

Lab File: VF062683.D

Acq: 21 May 2019 15:19

Instrument :

MSVOA_F

ClientSampleId :

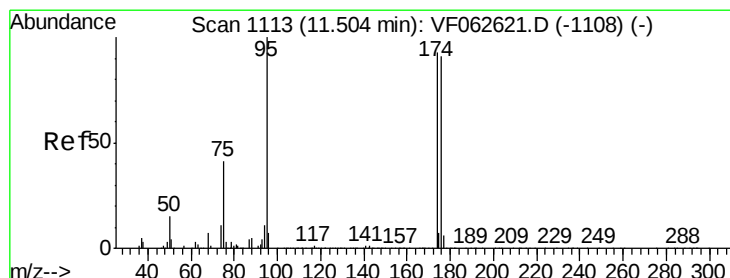
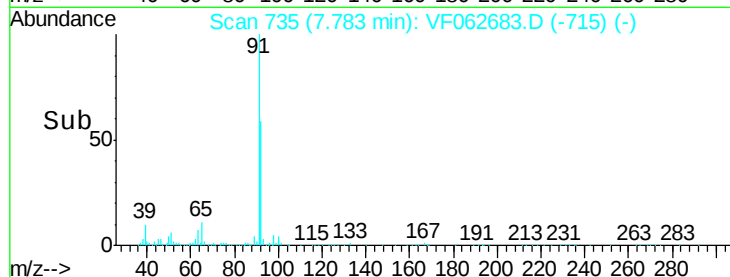
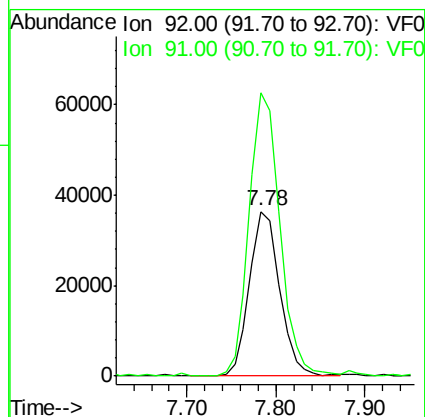
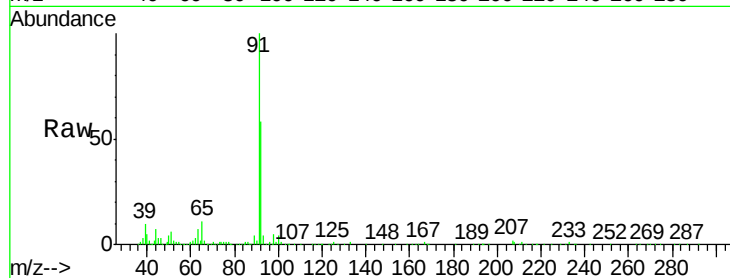
TP-11-D2RE

Tot Ion: 92 Resp: 86213

Ion Ratio Lower Upper

92 100

91 171.8 125.4 188.0



#62

4-Bromofluorobenzene

Concen: 27.792 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VF062683.D

Acq: 21 May 2019 15:19

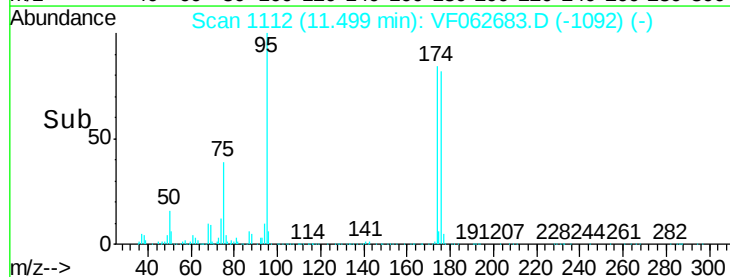
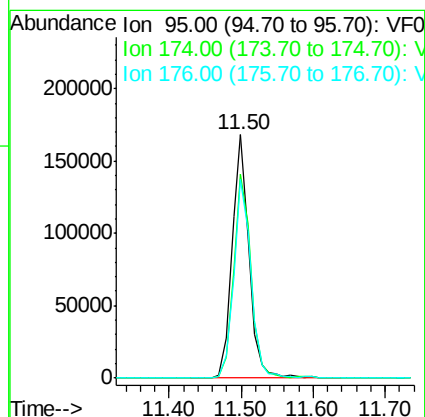
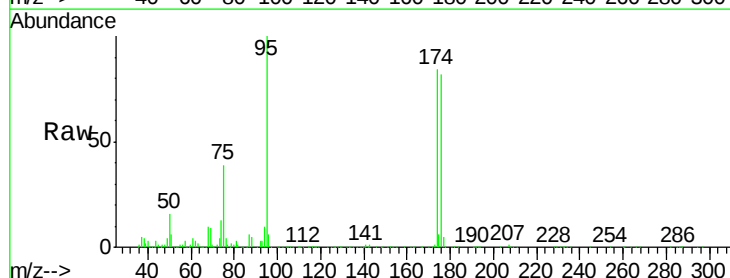
Tgt Ion: 95 Resp: 272247

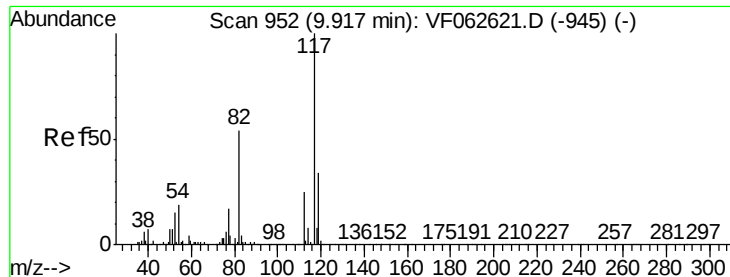
Ion Ratio Lower Upper

95 100

174 83.6 0.0 185.6

176 81.9 0.0 182.4

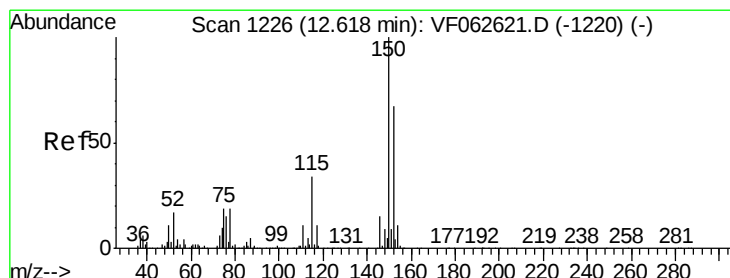
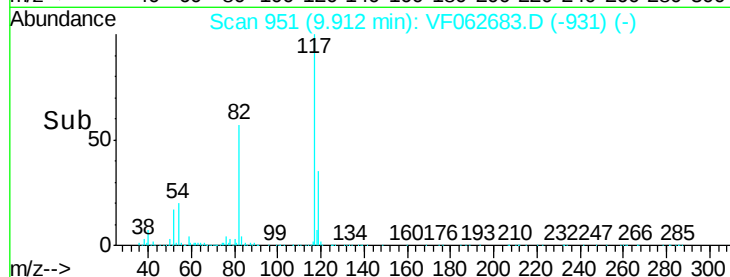
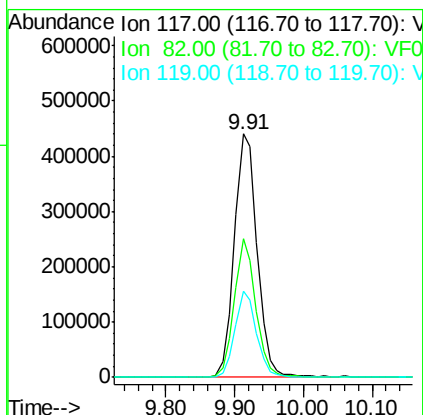
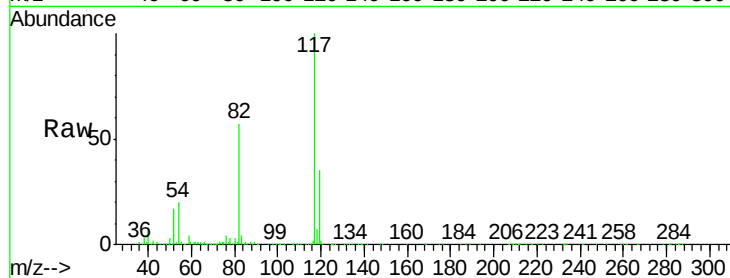




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF062683.D
Acq: 21 May 2019 15:19

Instrument :
MSVOA_F
ClientSampleId :
TP-11-D2RE

Tot Ion:117 Resp: 1012912
Ion Ratio Lower Upper
117 100
82 56.8 43.3 64.9
119 35.3 27.4 41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.00 min
Lab File: VF062683.D
Acq: 21 May 2019 15:19

Tgt Ion:152 Resp: 473907
Ion Ratio Lower Upper
152 100
115 54.2 25.2 75.6
150 147.7 0.0 306.2

