

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060719\
 Data File : VF062898.D
 Acq On : 7 Jun 2019 14:23
 Operator : FY/SY
 Sample : K3160-01
 Misc : 7.75g/5mL/MSVOA F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-060619-A

Quant Time: Jun 08 01:10:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

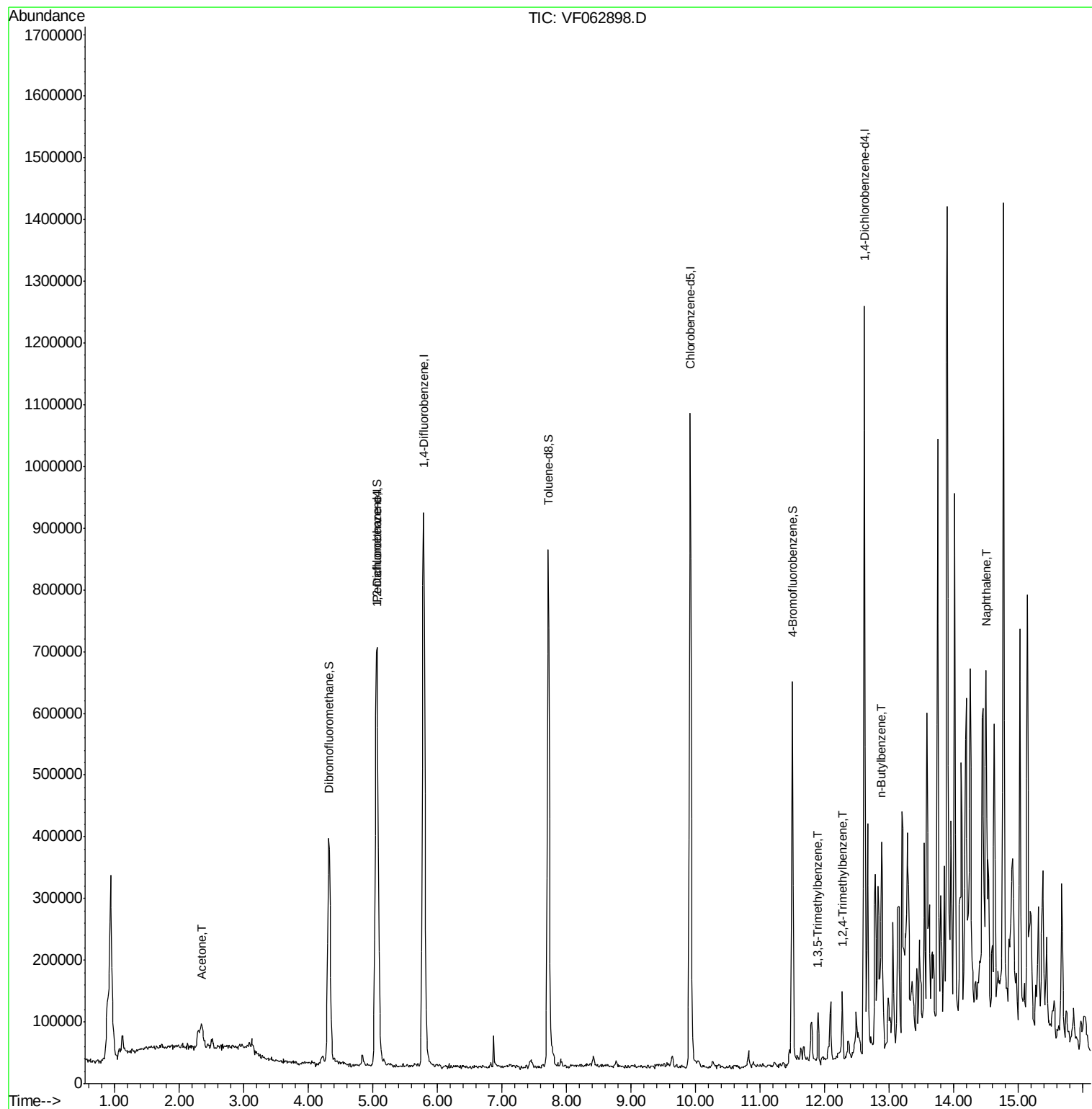
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	640606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	1127696	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.92	117	793987	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	314069	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	193083	43.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.18%	
35) Dibromofluoromethane	4.32	113	372176	43.68	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	87.36%	
50) Toluene-d8	7.72	98	747198	34.67	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	69.34%	
62) 4-Bromofluorobenzene	11.50	95	242493	31.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.56%	
Target Compounds						
					Qvalue	
16) Acetone	2.36	43	22894	22.580	ug/l #	88
80) 1,3,5-Trimethylbenzene	11.90	105	41024	2.289	ug/l	80
84) 1,2,4-Trimethylbenzene	12.27	105	36005	2.119	ug/l	86
89) n-Butylbenzene	12.89	91	67953	3.468	ug/l #	61
95) Naphthalene	14.49	128	122622	12.772	ug/l #	85

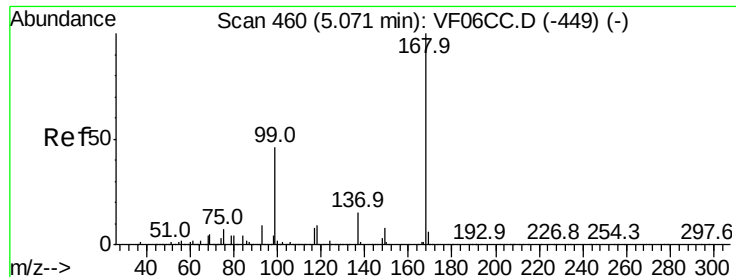
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF060719\
Data File : VF062898.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. -0.01 min

Lab File: VF062898.D

Acq: 7 Jun 2019 14:23

Instrument :

MSVOA_F

ClientSampleId :

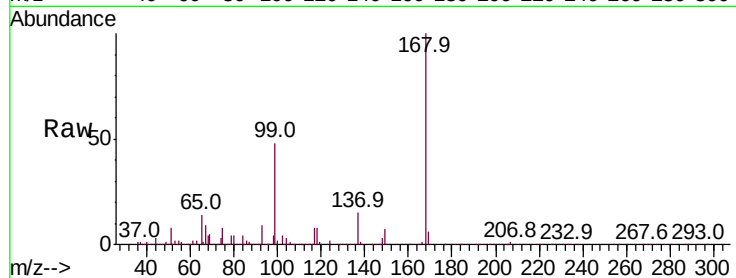
EO-02-060619-A

Tot Ion:168 Resp: 640606

Ion Ratio Lower Upper

168 100

99 48.1 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.07

250000

200000

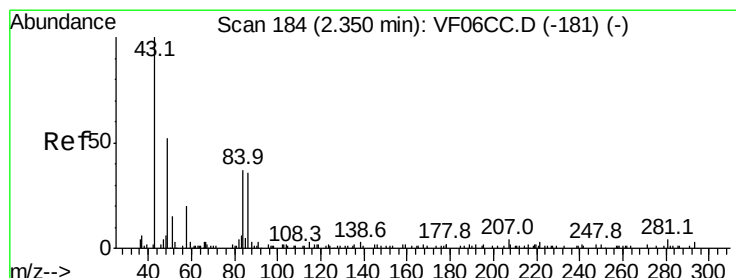
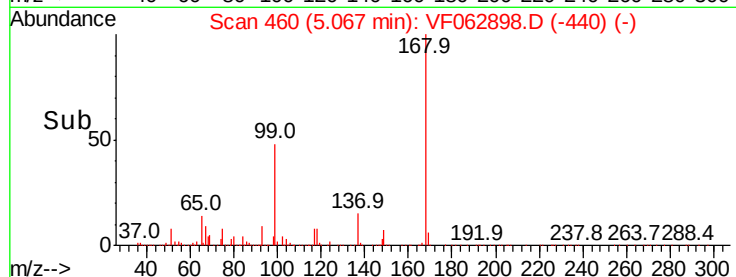
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 22.580 ug/l

RT: 2.36 min Scan# 185

Delta R.T. -0.01 min

Lab File: VF062898.D

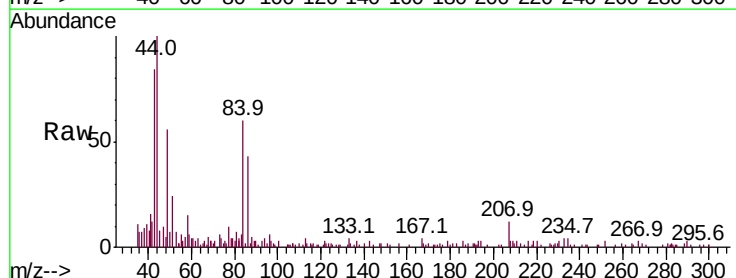
Acq: 7 Jun 2019 14:23

Tgt Ion: 43 Resp: 22894

Ion Ratio Lower Upper

43 100

58 17.9 19.0 28.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.36

10000

8000

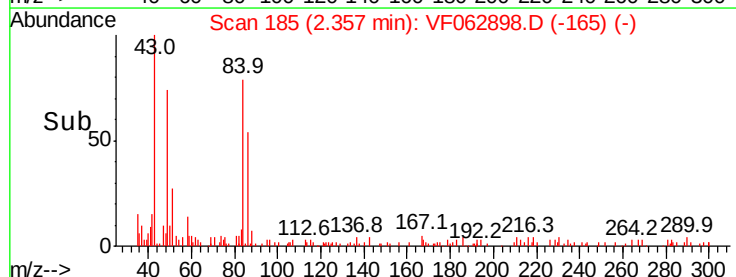
6000

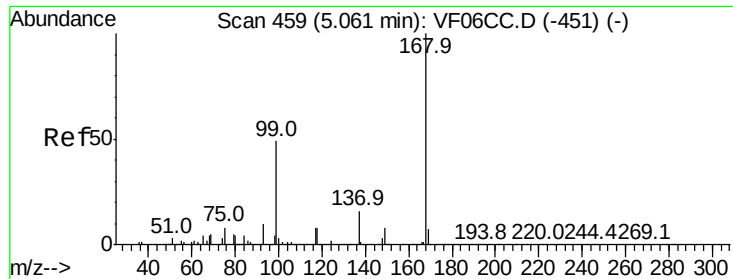
4000

2000

0

Time-->

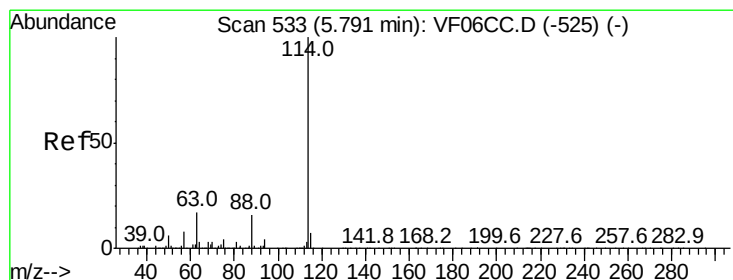
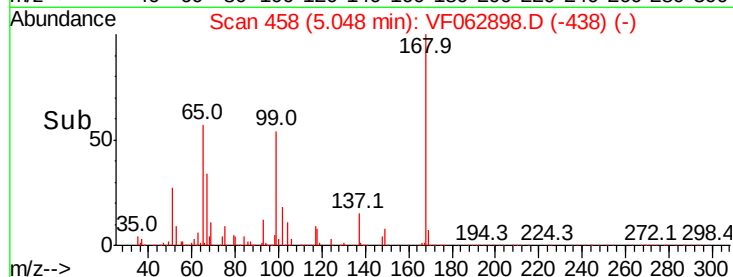
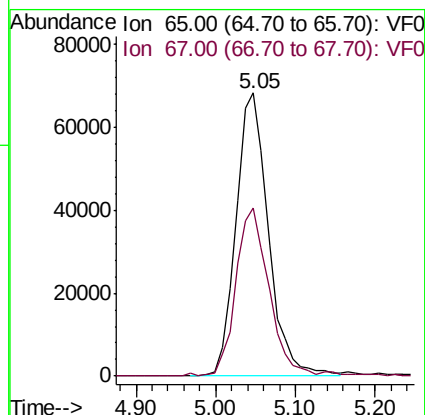
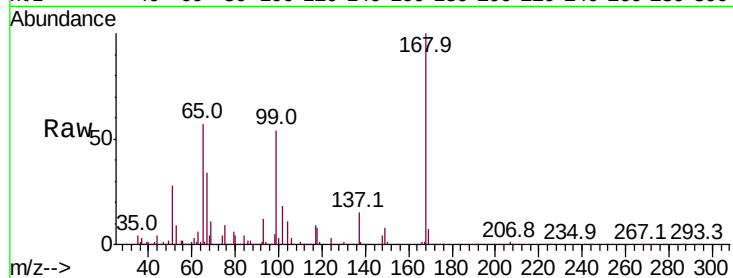




#33
 1,2-Dichloroethane-d4
 Concen: 43.587 ug/l
 RT: 5.05 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: VF062898.D
 Acq: 7 Jun 2019 14:23

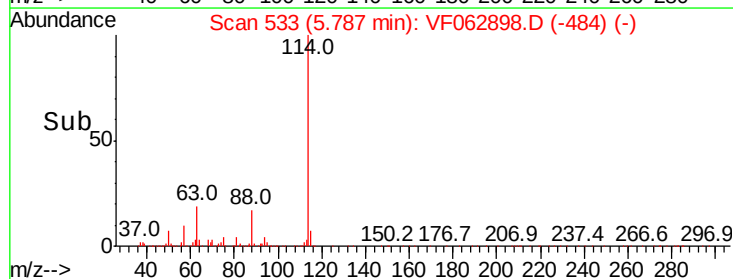
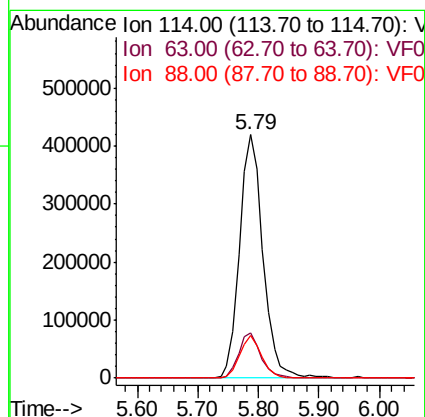
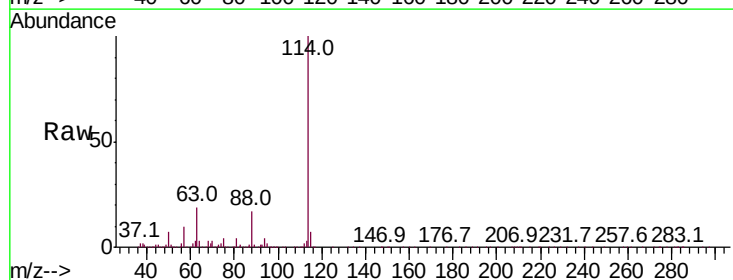
Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-060619-A

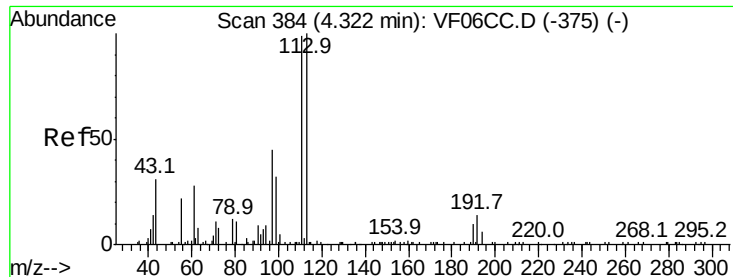
Tot Ion: 65 Resp: 193083
 Ion Ratio Lower Upper
 65 100
 67 59.3 0.0 121.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.79 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: VF062898.D
 Acq: 7 Jun 2019 14:23

Tgt Ion: 114 Resp: 1127696
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 34.2
 88 17.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 43.675 ug/l

RT: 4.32 min Scan# 384

Delta R.T. -0.02 min

Lab File: VF062898.D

Acq: 7 Jun 2019 14:23

Instrument :

MSVOA_F

ClientSampleId :

EO-02-060619-A

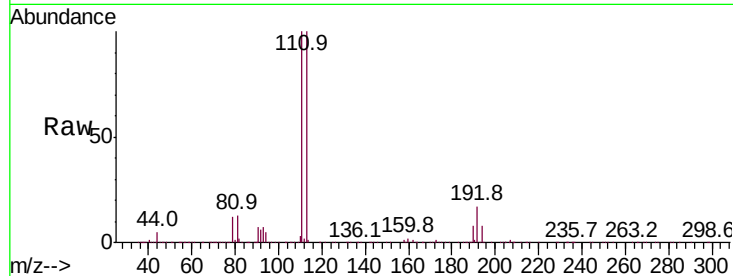
Tot Ion:113 Resp: 372176

Ion Ratio Lower Upper

113 100

111 100.1 81.9 122.9

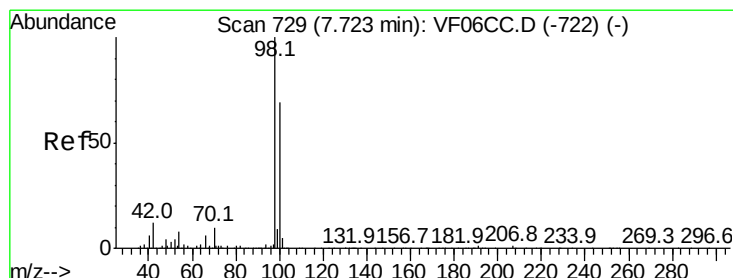
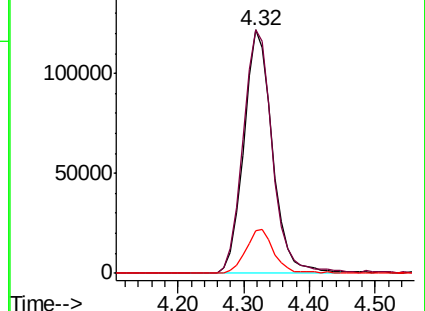
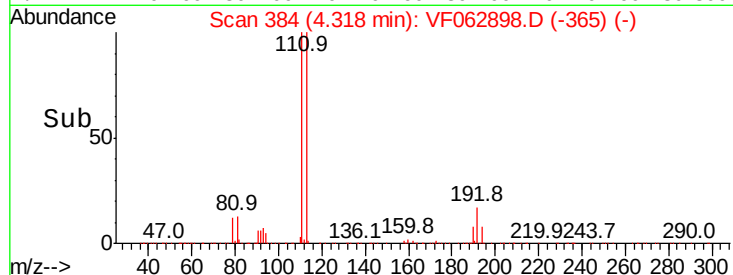
192 17.4 15.1 22.7



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: 34.675 ug/l

RT: 7.72 min Scan# 729

Delta R.T. -0.02 min

Lab File: VF062898.D

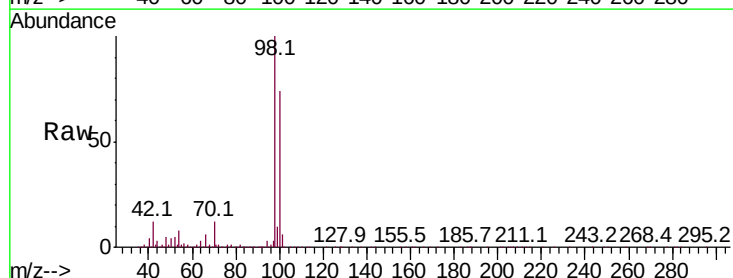
Acq: 7 Jun 2019 14:23

Tgt Ion: 98 Resp: 747198

Ion Ratio Lower Upper

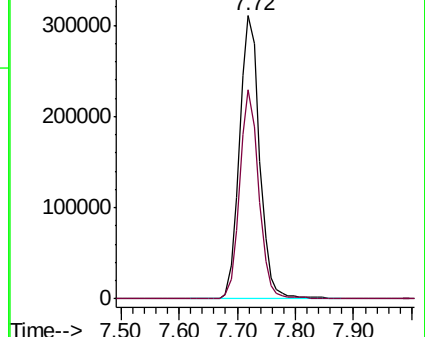
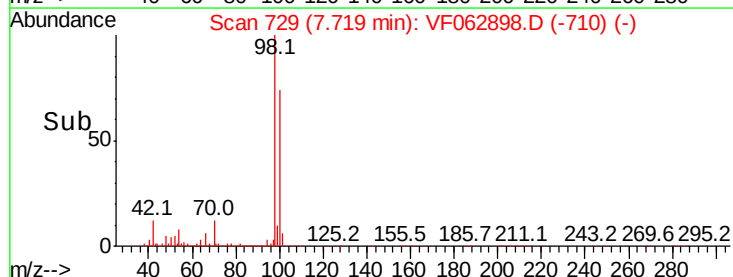
98 100

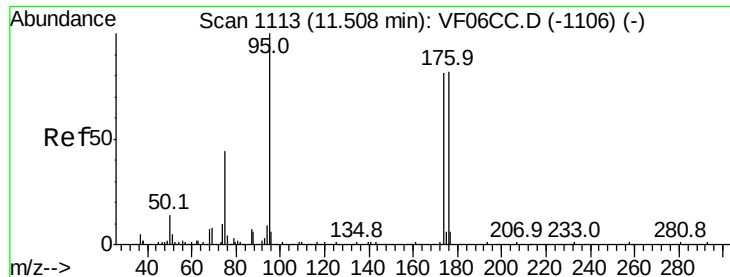
100 73.9 59.8 89.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 31.284 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF062898.D

Acq: 7 Jun 2019 14:23

Instrument :

MSVOA_F

ClientSampleId :

EO-02-060619-A

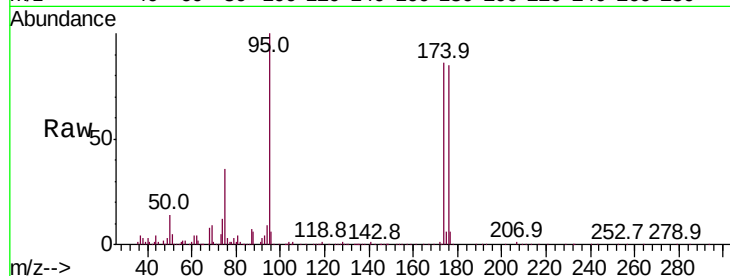
Tot Ion: 95 Resp: 242493

Ion Ratio Lower Upper

95 100

174 86.3 0.0 170.6

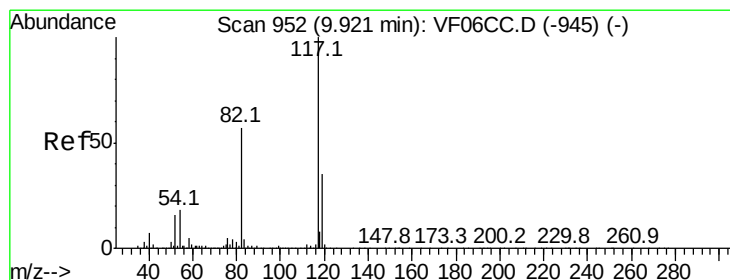
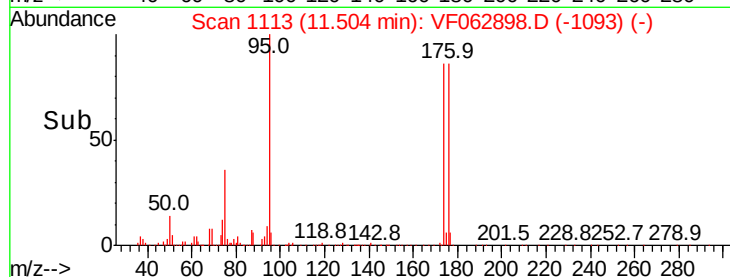
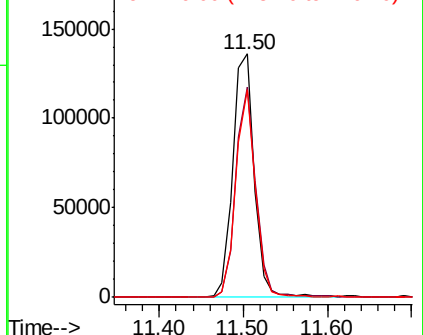
176 85.5 0.0 170.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 952

Delta R.T. -0.02 min

Lab File: VF062898.D

Acq: 7 Jun 2019 14:23

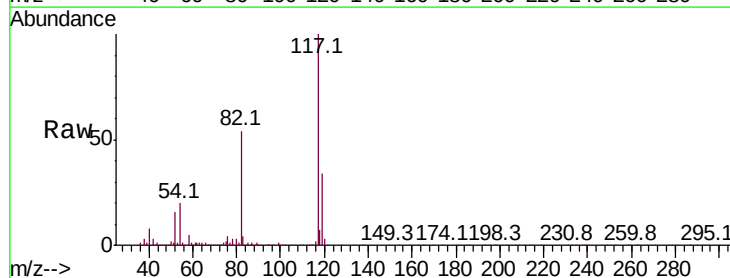
Tgt Ion: 117 Resp: 793987

Ion Ratio Lower Upper

117 100

82 54.1 42.4 63.6

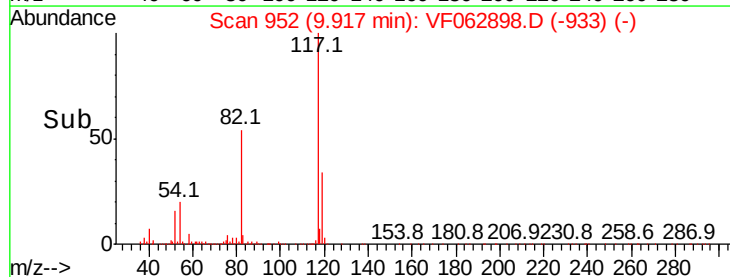
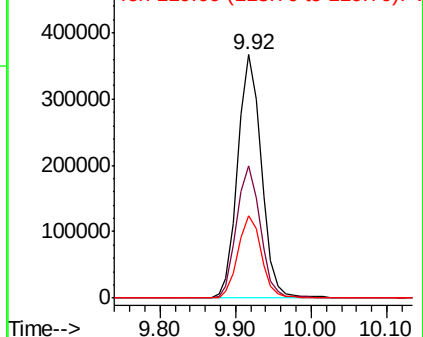
119 34.0 27.1 40.7

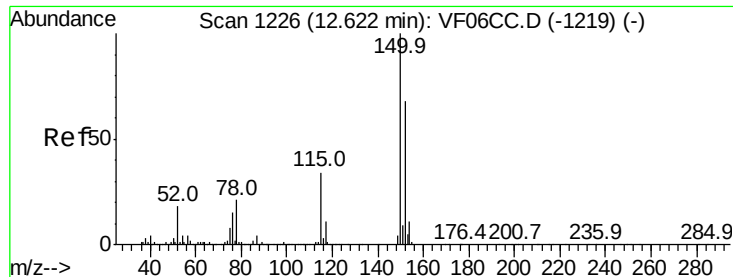


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



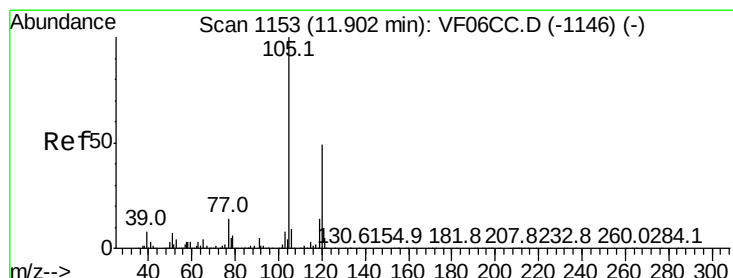
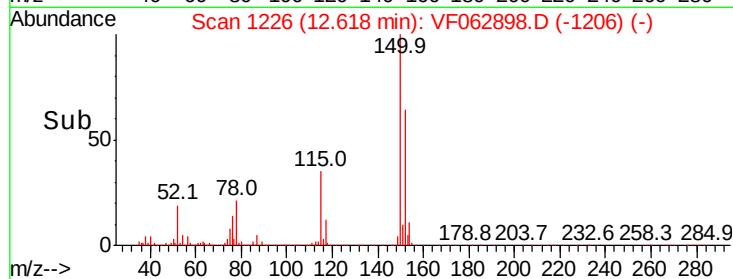
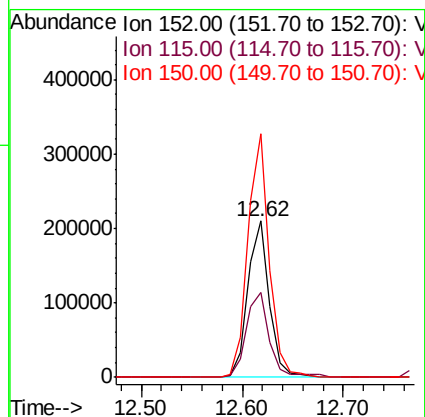
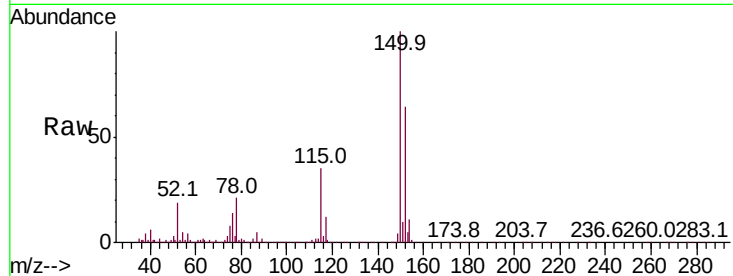


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF062898.D
Acq: 7 Jun 2019 14:23

Instrument :
MSVOA_F
ClientSampleId :
EO-02-060619-A

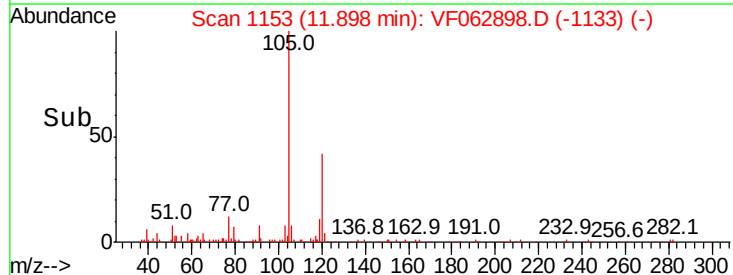
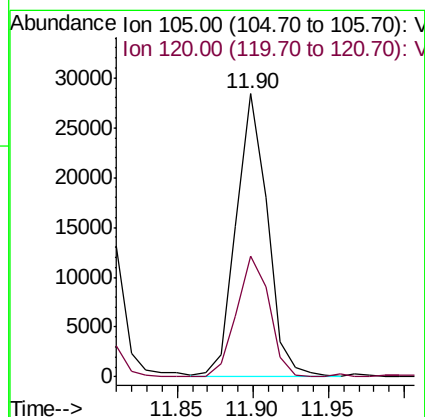
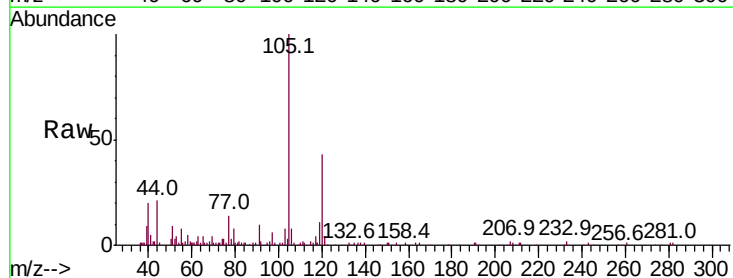
Tot Ion	Ratio	Lower	Upper
152	100		
115	53.9	24.6	74.0
150	155.6	0.0	290.6

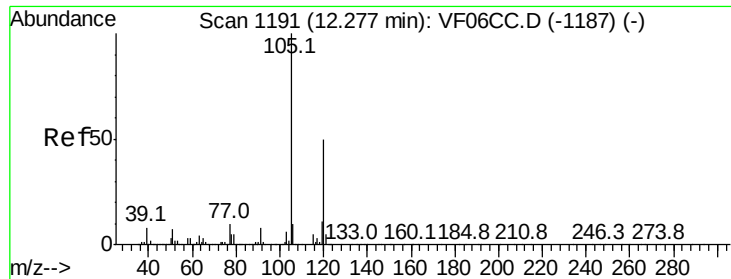


#80

1,3,5-Trimethylbenzene
Concen: 2.289 ug/l
RT: 11.90 min Scan# 1153
Delta R.T. -0.01 min
Lab File: VF062898.D
Acq: 7 Jun 2019 14:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.6	28.7	86.1

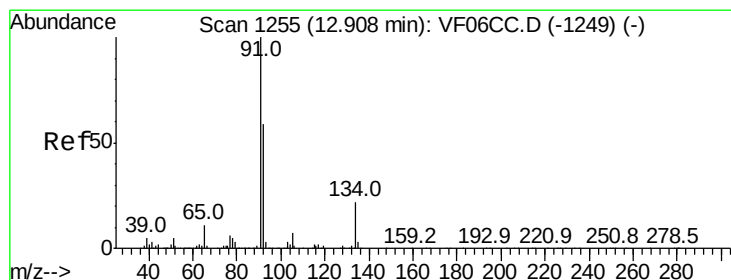
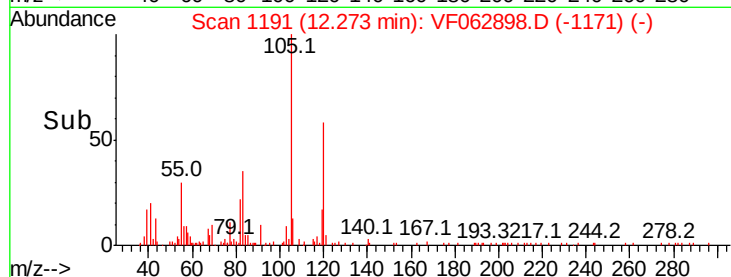
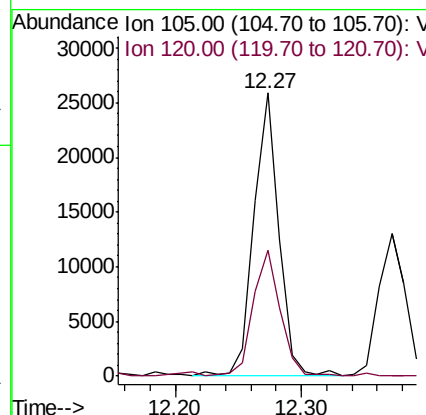
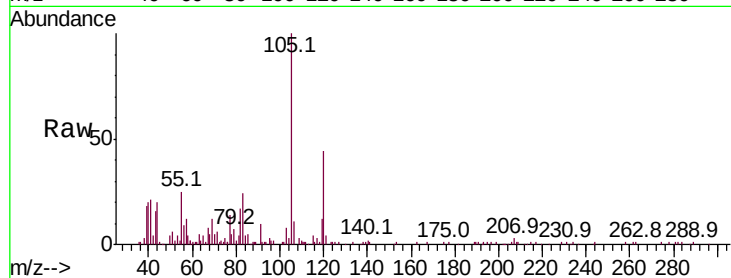




#84
 1,2,4-Trimethylbenzene
 Concen: 2.119 ug/l
 RT: 12.27 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: VF062898.D
 Acq: 7 Jun 2019 14:23

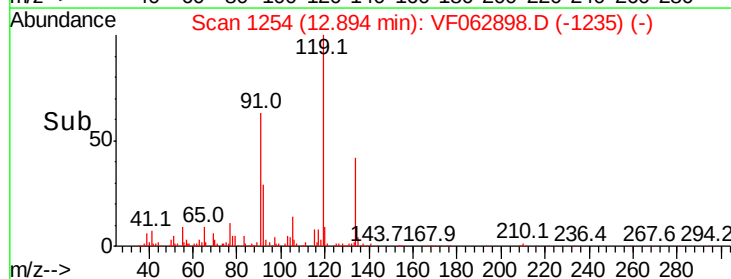
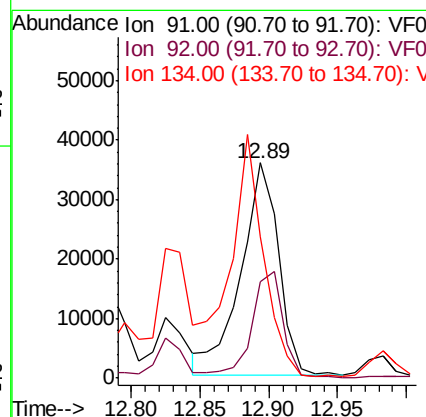
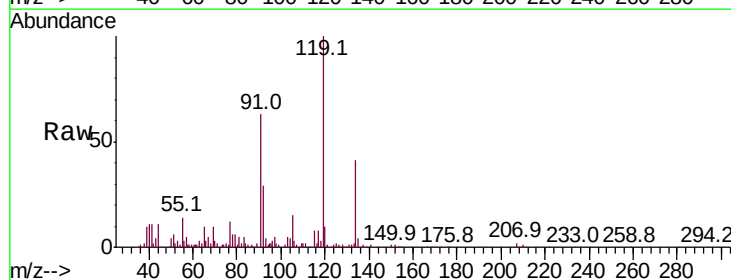
Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-060619-A

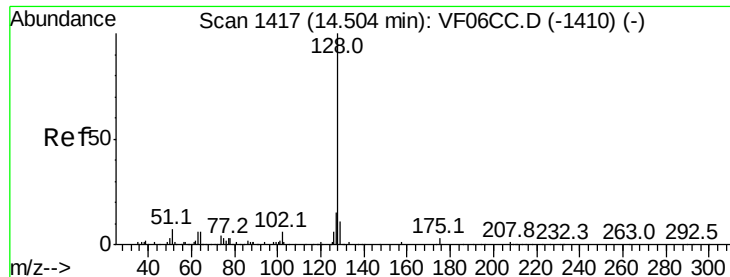
Tot Ion:105 Resp: 36005
 Ion Ratio Lower Upper
 105 100
 120 44.4 27.1 81.3



#89
 n-Butylbenzene
 Concen: 3.468 ug/l
 RT: 12.89 min Scan# 1254
 Delta R.T. -0.02 min
 Lab File: VF062898.D
 Acq: 7 Jun 2019 14:23

Tgt Ion: 91 Resp: 67953
 Ion Ratio Lower Upper
 91 100
 92 45.2 34.2 102.6
 134 65.5 15.8 47.3#





#95

Naphthalene

Concen: 12.772 ug/l

RT: 14.49 min Scan# 1416

Delta R.T. -0.02 min

Lab File: VF062898.D

Acq: 7 Jun 2019 14:23

Instrument :

MSVOA_F

ClientSampleId :

EO-02-060619-A

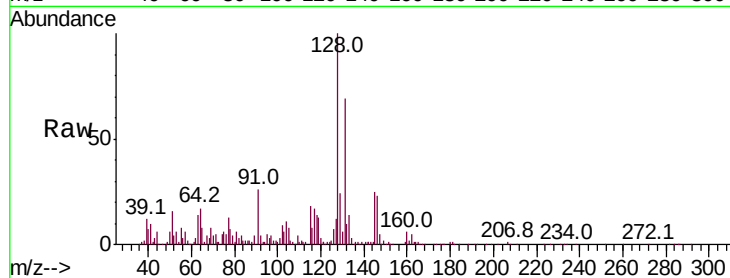
Tot Ion:128 Resp: 122622

Ion Ratio Lower Upper

128 100

127 12.2 9.7 14.5

129 23.8 9.4 14.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

