

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060719\
 Data File : VF062900.D
 Acq On : 7 Jun 2019 15:18
 Operator : FY/SY
 Sample : K3160-05RE
 Misc : 6.13g/5mL/MSVOA F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jun 08 01:22:36 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

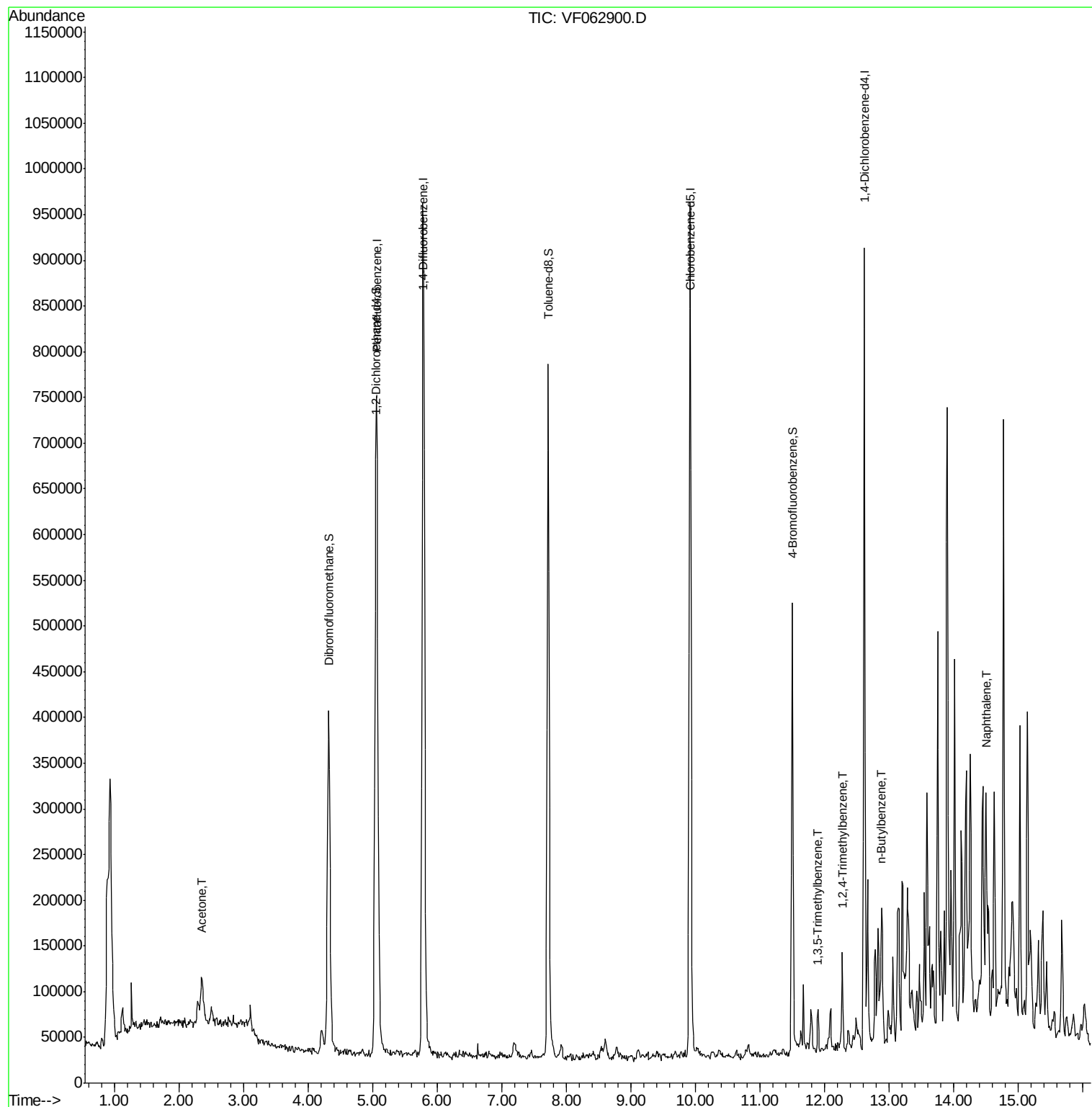
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	653279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	1189079	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.92	117	717104	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	224300	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	197368	43.69	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	87.38%	
35) Dibromofluoromethane	4.32	113	372877	41.50	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	83.00%	
50) Toluene-d8	7.72	98	664544	29.25	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	58.50%	
62) 4-Bromofluorobenzene	11.49	95	196368	24.03	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	48.06%	
Target Compounds						
16) Acetone	2.35	43	38082	36.832	ug/l	92
80) 1,3,5-Trimethylbenzene	11.90	105	20836	1.628	ug/l	83
84) 1,2,4-Trimethylbenzene	12.27	105	43858	3.614	ug/l	93
89) n-Butylbenzene	12.89	91	37112	2.652	ug/l	64
95) Naphthalene	14.50	128	29426	4.291	ug/l #	40

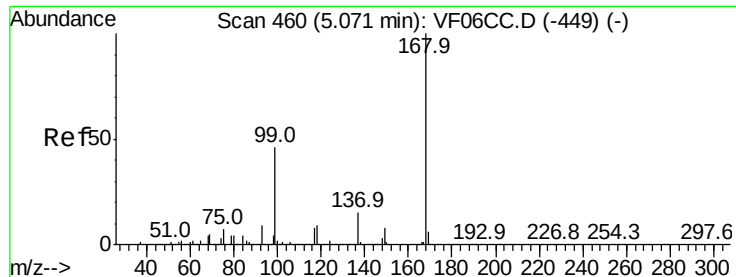
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF060719\
Data File : VF062900.D
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Quant Time: Jun 08 01:22:36 2019
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: VF062900.D

Acq: 7 Jun 2019 15:18

Instrument :

MSVOA_F

ClientSampleId :

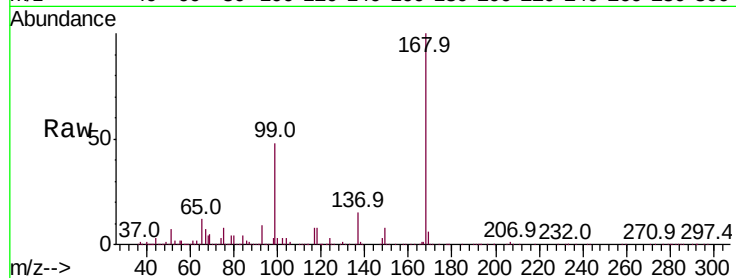
EO-02-060619-CRE

Tot Ion:168 Resp: 653279

Ion Ratio Lower Upper

168 100

99 48.1 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

250000

200000

150000

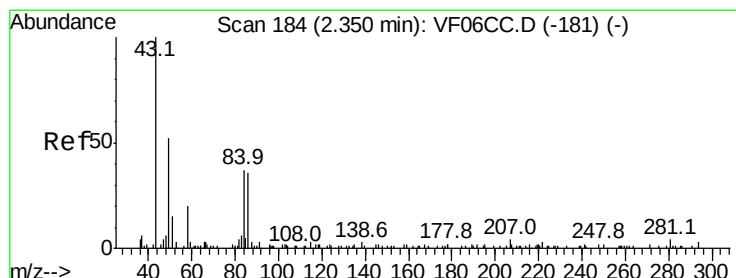
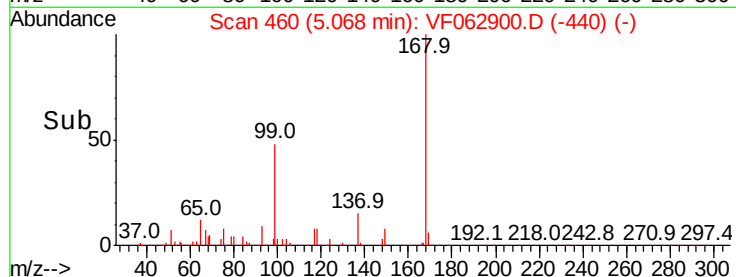
100000

50000

0

4.90 5.00 5.10 5.20

Time-->



#16

Acetone

Concen: 36.832 ug/l

RT: 2.35 min Scan# 184

Delta R.T. -0.02 min

Lab File: VF062900.D

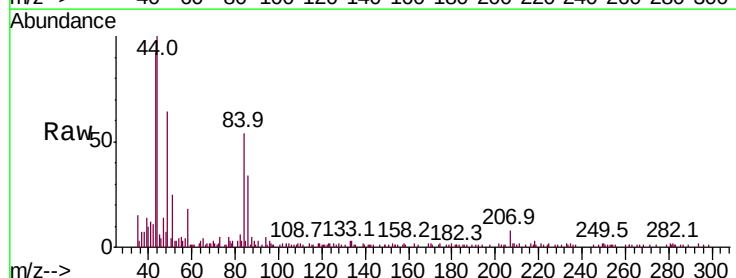
Acq: 7 Jun 2019 15:18

Tgt Ion: 43 Resp: 38082

Ion Ratio Lower Upper

43 100

58 19.6 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

15000

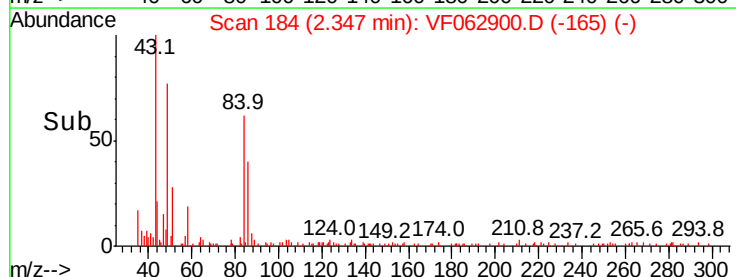
10000

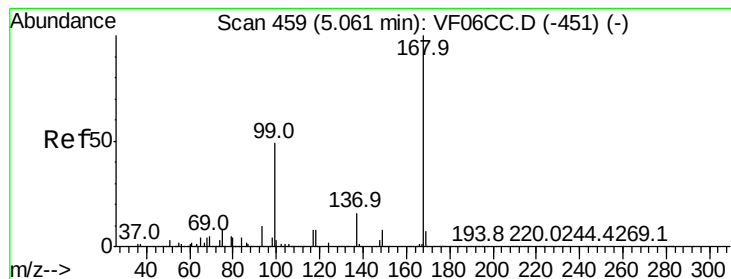
5000

0

2.25 2.30 2.35 2.40 2.45

Time-->





#33

1,2-Dichloroethane-d4

Concen: 43.690 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.02 min

Lab File: VF062900.D

Acq: 7 Jun 2019 15:18

Instrument :

MSVOA_F

ClientSampleId :

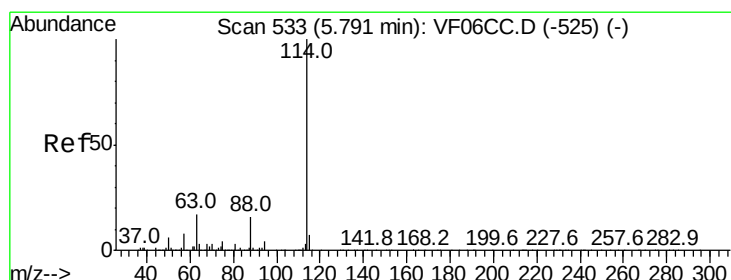
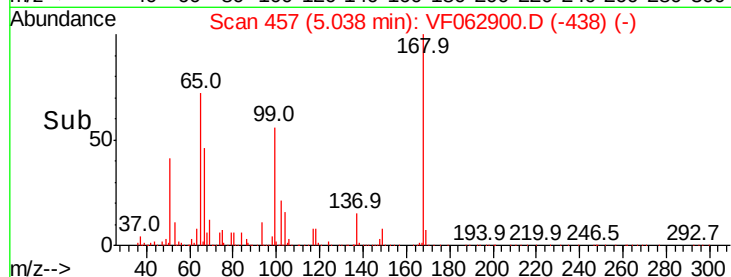
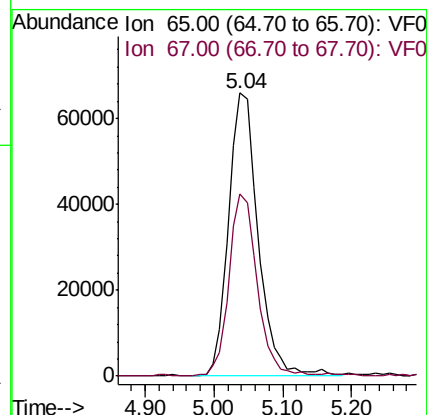
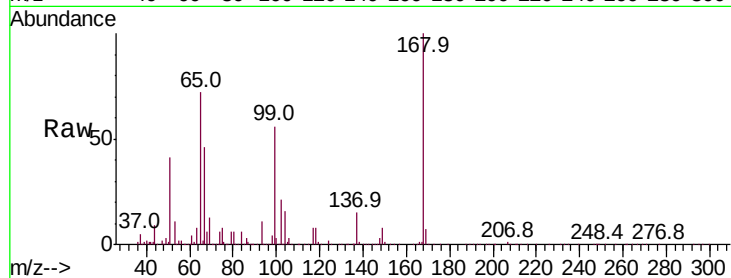
EO-02-060619-CRE

Tot Ion: 65 Resp: 197368

Ion Ratio Lower Upper

65 100

67 64.4 0.0 121.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. -0.03 min

Lab File: VF062900.D

Acq: 7 Jun 2019 15:18

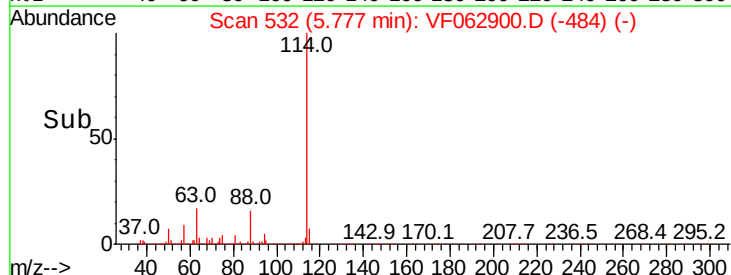
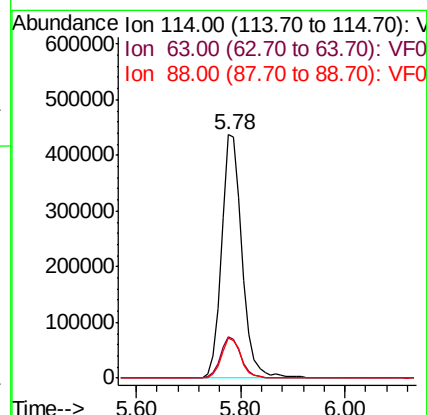
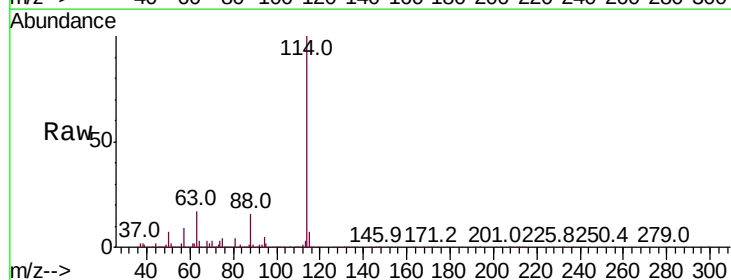
Tgt Ion: 114 Resp: 1189079

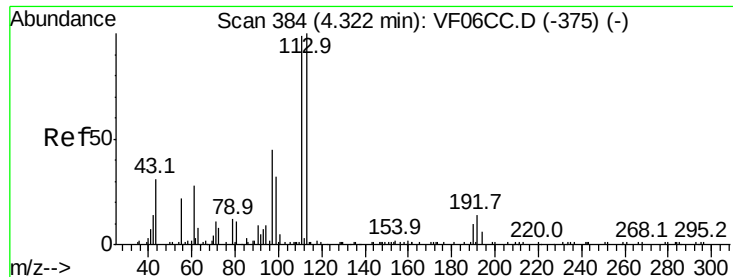
Ion Ratio Lower Upper

114 100

63 16.9 0.0 34.2

88 16.4 0.0 31.2

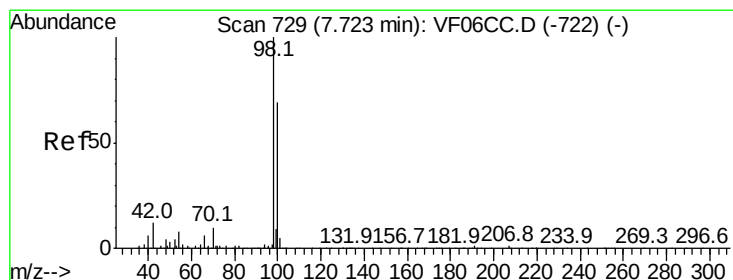
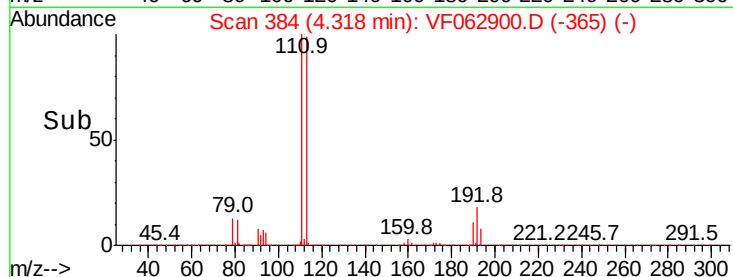
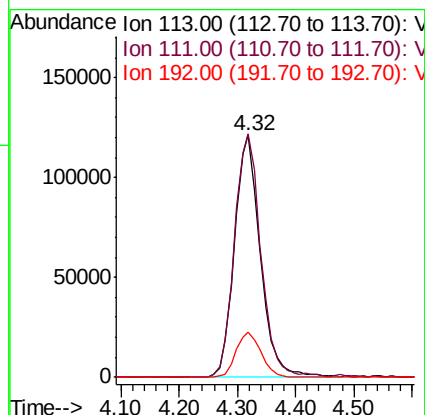
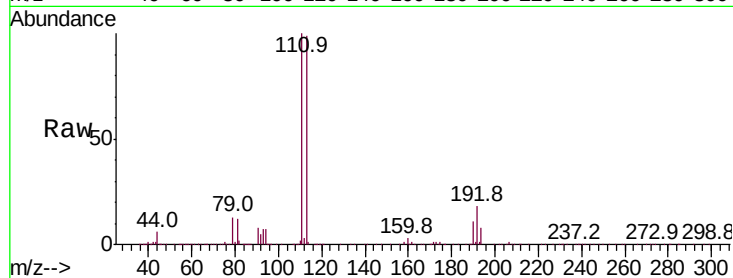




#35
 Dibromofluoromethane
 Concen: 41.499 ug/l
 RT: 4.32 min Scan# 384
 Delta R.T. -0.02 min
 Lab File: VF062900.D
 Acq: 7 Jun 2019 15:18

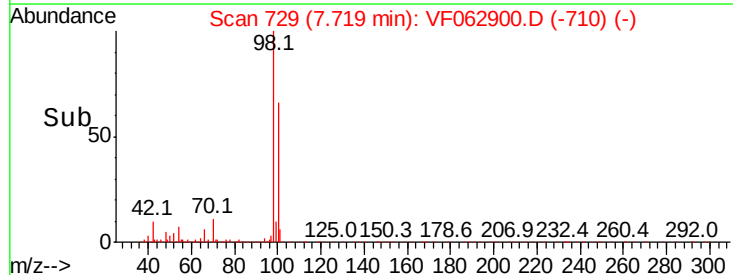
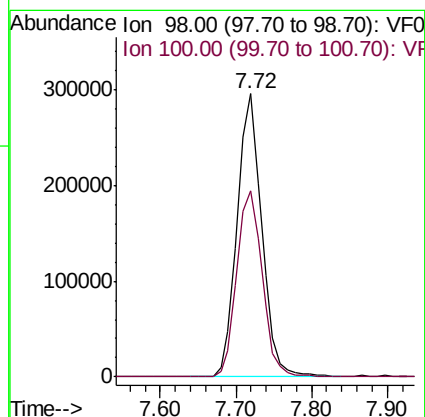
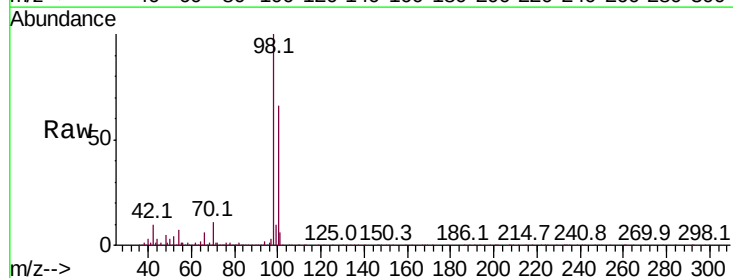
Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-060619-CRE

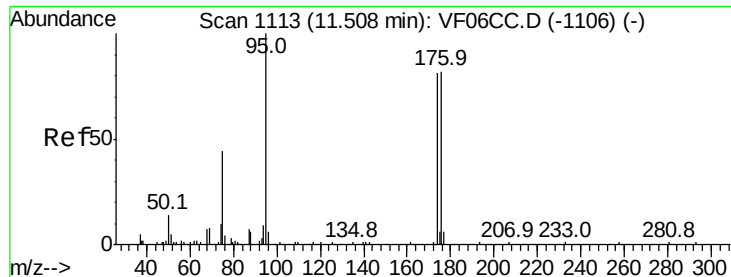
Tot Ion:113 Resp: 372877
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.9 122.9
 192 18.6 15.1 22.7



#50
 Toluene-d8
 Concen: 29.247 ug/l
 RT: 7.72 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: VF062900.D
 Acq: 7 Jun 2019 15:18

Tgt Ion: 98 Resp: 664544
 Ion Ratio Lower Upper
 98 100
 100 66.0 59.8 89.8





#62

4-Bromofluorobenzene

Concen: 24.026 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.02 min

Lab File: VF062900.D

Acq: 7 Jun 2019 15:18

Instrument :

MSVOA_F

ClientSampleId :

EO-02-060619-CRE

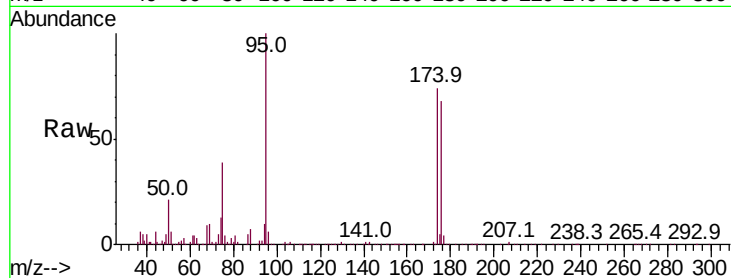
Tot Ion: 95 Resp: 196368

Ion Ratio Lower Upper

95 100

174 73.9 0.0 170.6

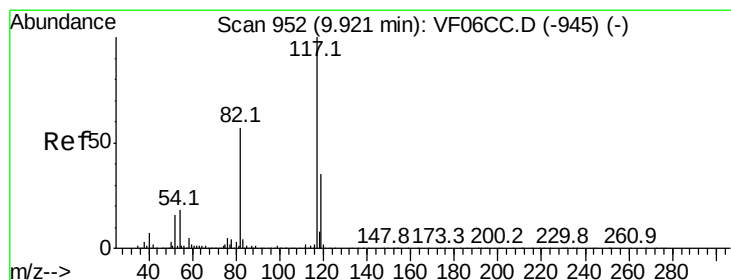
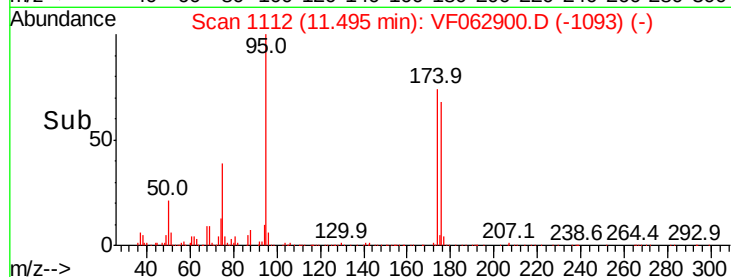
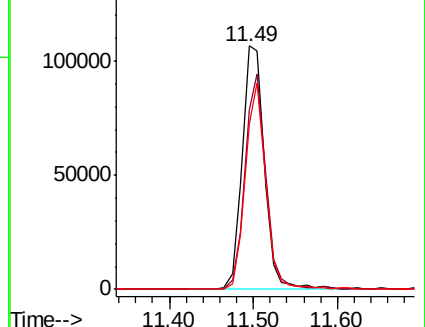
176 68.1 0.0 170.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 952

Delta R.T. -0.02 min

Lab File: VF062900.D

Acq: 7 Jun 2019 15:18

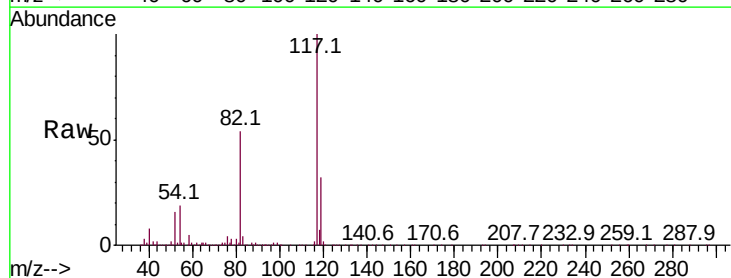
Tgt Ion: 117 Resp: 717104

Ion Ratio Lower Upper

117 100

82 53.6 42.4 63.6

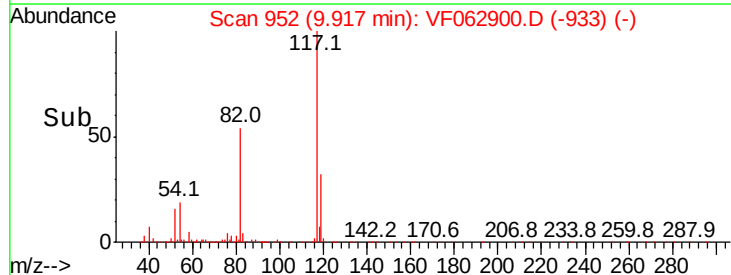
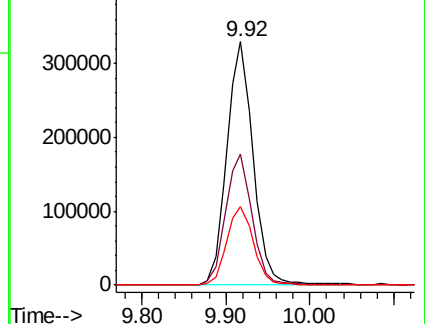
119 32.3 27.1 40.7

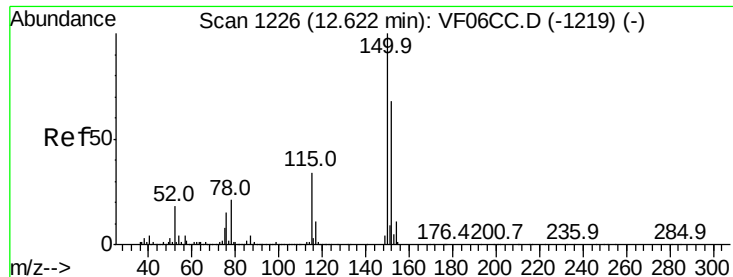


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0



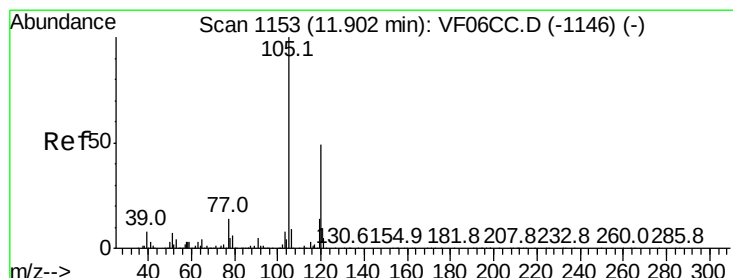
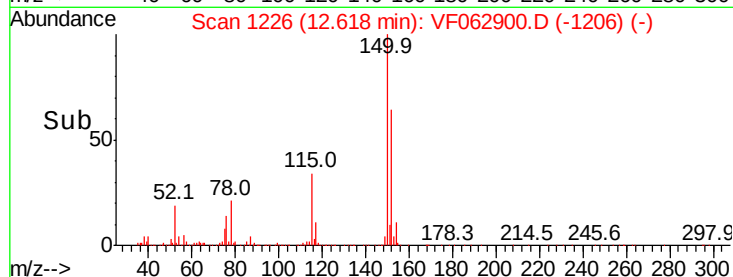
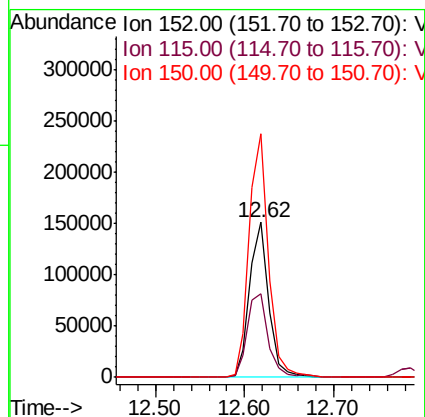
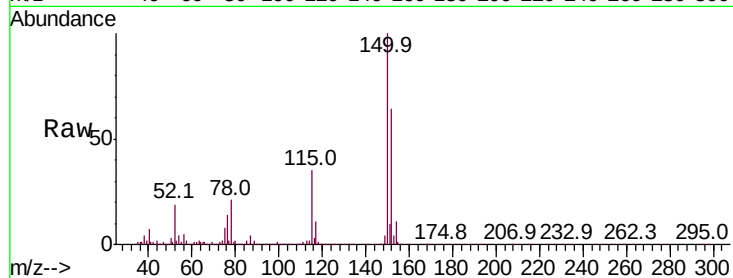


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF062900.D
Acq: 7 Jun 2019 15:18

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

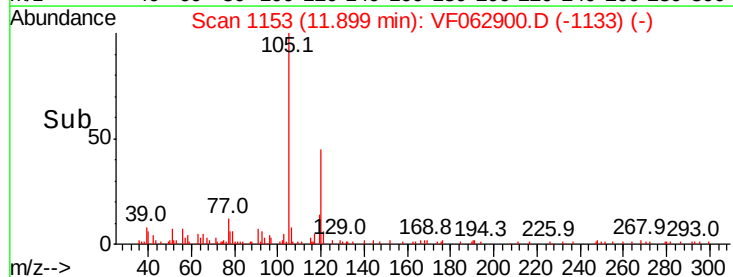
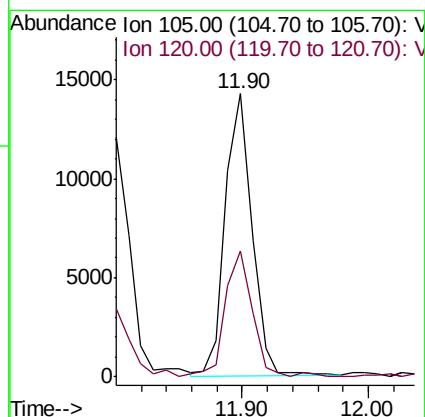
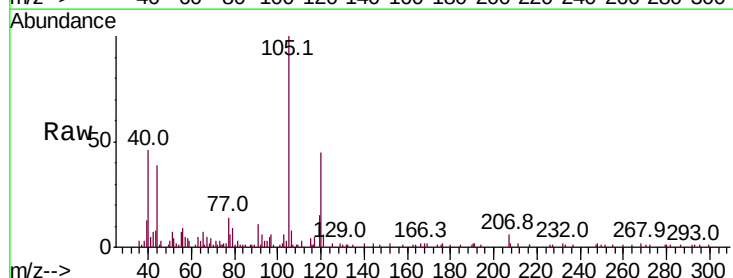
Tot Ion:152 Resp: 224300
Ion Ratio Lower Upper
152 100
115 54.2 24.6 74.0
150 157.0 0.0 290.6

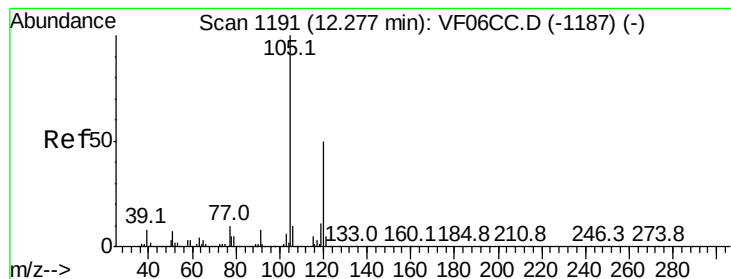


#80

1,3,5-Trimethylbenzene
Concen: 1.628 ug/l
RT: 11.90 min Scan# 1153
Delta R.T. -0.01 min
Lab File: VF062900.D
Acq: 7 Jun 2019 15:18

Tgt Ion:105 Resp: 20836
Ion Ratio Lower Upper
105 100
120 44.7 28.7 86.1





#84

1,2,4-Trimethylbenzene

Concen: 3.614 ug/l

RT: 12.27 min Scan# 1191

Delta R.T. -0.01 min

Lab File: VF062900.D

Acq: 7 Jun 2019 15:18

Instrument :

MSVOA_F

ClientSampleId :

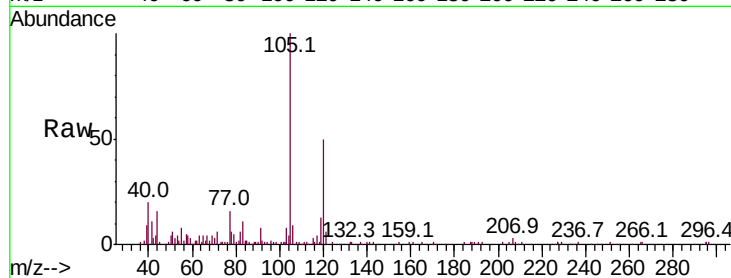
EO-02-060619-CRE

Tot Ion:105 Resp: 43858

Ion Ratio Lower Upper

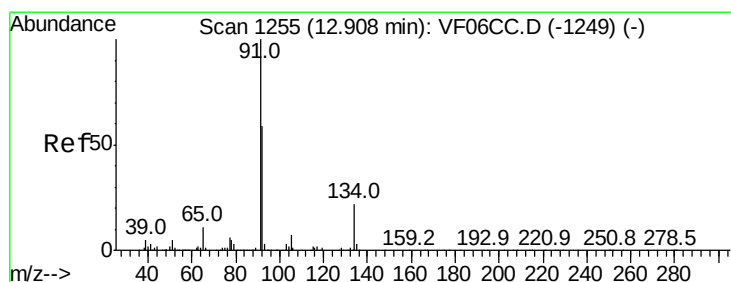
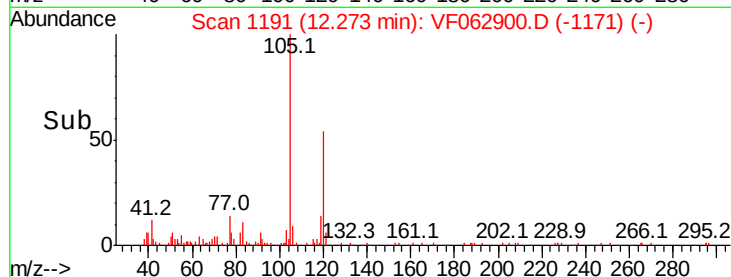
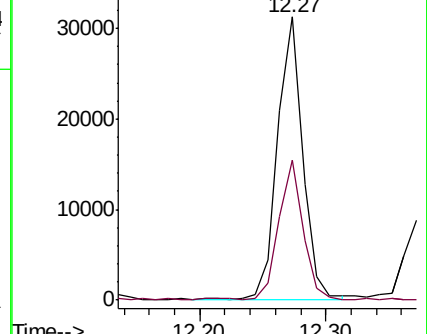
105 100

120 49.5 27.1 81.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#89

n-Butylbenzene

Concen: 2.652 ug/l

RT: 12.89 min Scan# 1254

Delta R.T. -0.02 min

Lab File: VF062900.D

Acq: 7 Jun 2019 15:18

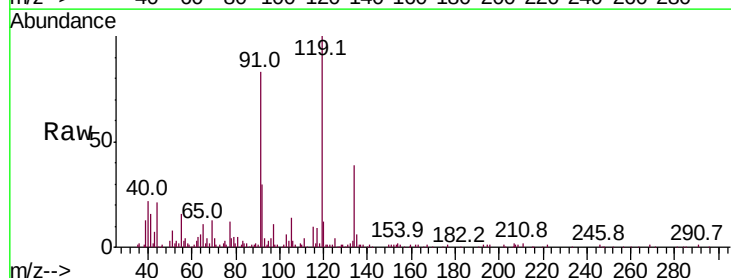
Tgt Ion: 91 Resp: 37112

Ion Ratio Lower Upper

91 100

92 36.2 34.2 102.6

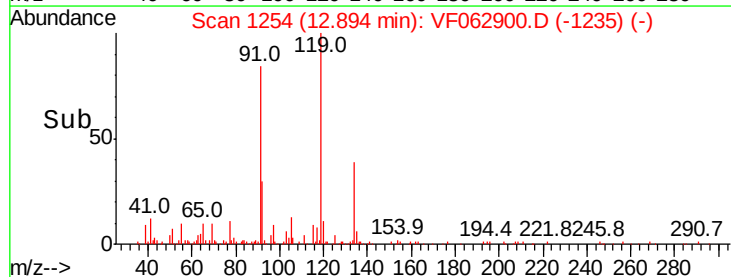
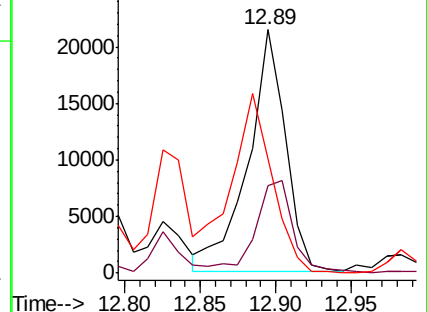
134 47.1 15.8 47.3

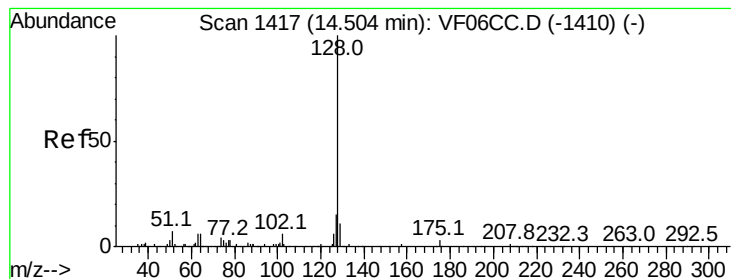


Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V





#95

Naphthalene

Concen: 4.291 ug/l

RT: 14.50 min Scan# 1417

Delta R.T. -0.01 min

Lab File: VF062900.D

Acq: 7 Jun 2019 15:18

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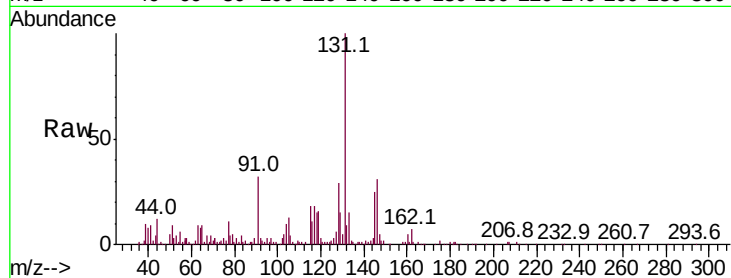
Tot Ion:128 Resp: 29426

Ion Ratio Lower Upper

128 100

127 20.7 9.7 14.5#

129 50.2 9.4 14.2#



Abundance Ion 128.00 (127.70 to 128.70): V

20000 Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

