

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059569.D
 Acq On : 19 Jul 2018 21:51
 Operator : VA/AP
 Sample : J3828-09
 Misc : 8.62g/5mL/MSVOA F/SOIL
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-071818-B

Quant Time: Jul 20 05:50:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

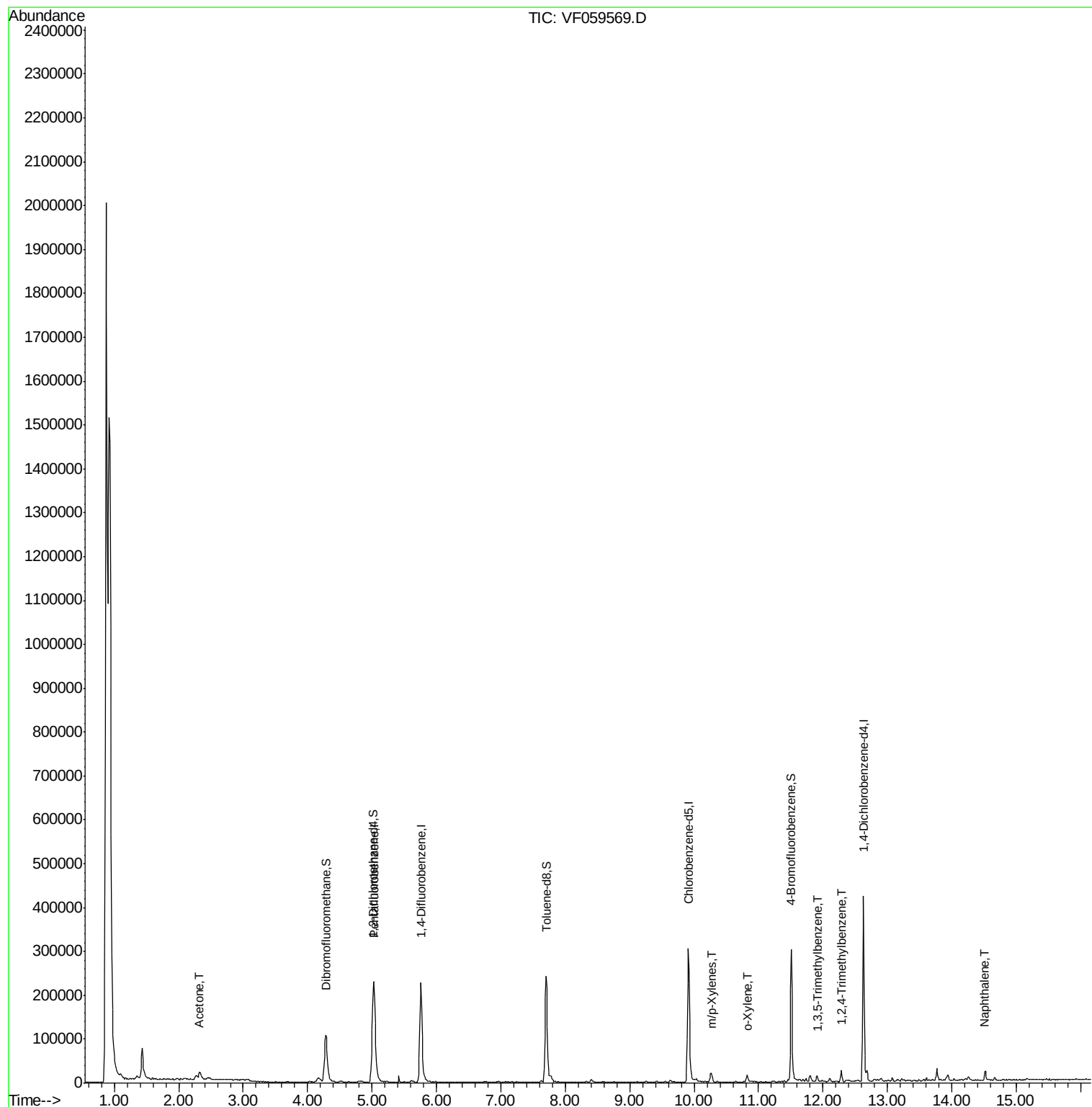
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	163869	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	223658	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	216046	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	111299	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	124443	48.83	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	97.66%	
35) Dibromofluoromethane	4.28	113	98950	51.08	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	102.16%	
50) Toluene-d8	7.70	98	204826	41.98	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	83.96%	
62) 4-Bromofluorobenzene	11.51	95	104333	40.76	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	81.52%	
Target Compounds						
16) Acetone	2.33	43	27583	50.46	ug/l	97
68) m/p-Xylenes	10.26	106	6804	2.67	ug/l	89
69) o-Xylene	10.83	106	4496	1.66	ug/l	97
80) 1,3,5-Trimethylbenzene	11.91	105	7245	1.23	ug/l	97
84) 1,2,4-Trimethylbenzene	12.29	105	12876	2.13	ug/l	99
95) Naphthalene	14.52	128	15034	3.69	ug/l	99

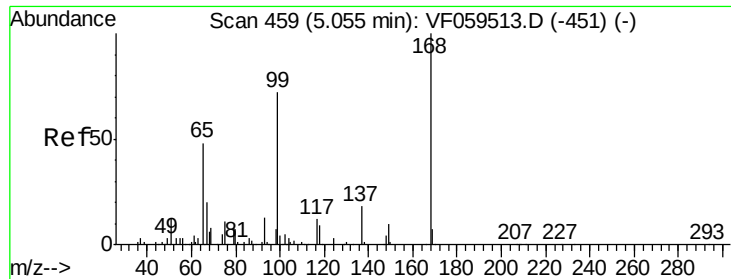
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

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MSVOA_F

ClientSampleId :

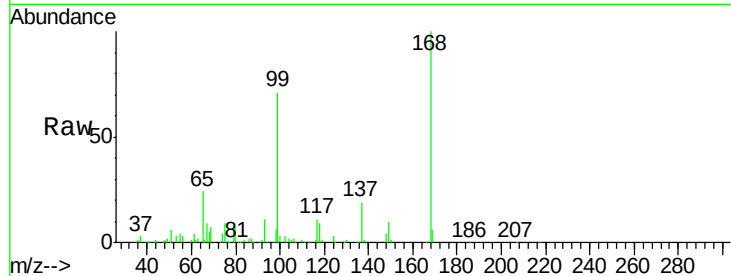
EO-02-071818-B

Tot Ion:168 Resp: 163869

Ion Ratio Lower Upper

168 100

99 71.5 57.6 86.4



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

60000

50000

40000

30000

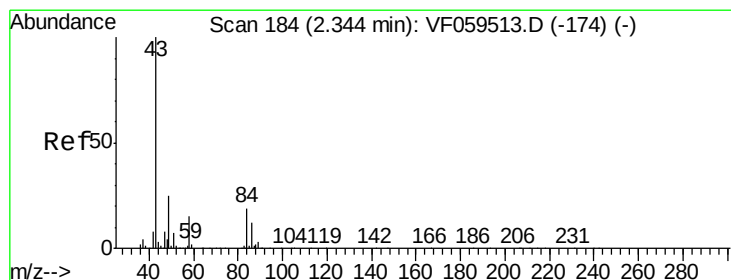
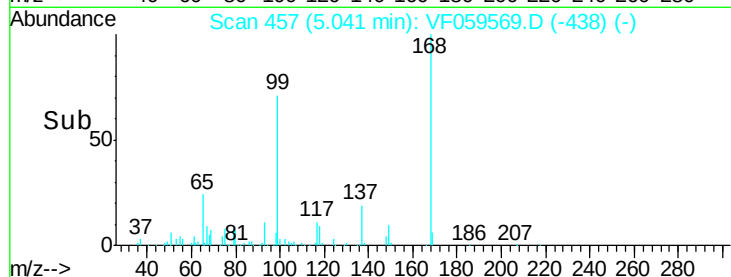
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#16

Acetone

Concen: 50.46 ug/l

RT: 2.33 min Scan# 182

Delta R.T. -0.01 min

Lab File: VF059569.D

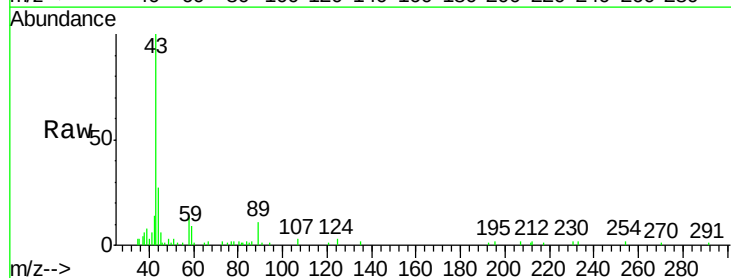
Acq: 19 Jul 2018 21:51

Tgt Ion: 43 Resp: 27583

Ion Ratio Lower Upper

43 100

58 13.6 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

10000

8000

6000

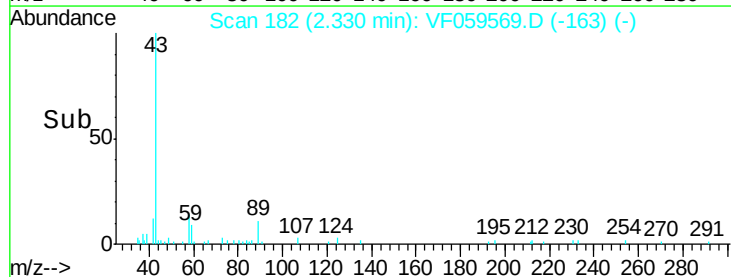
4000

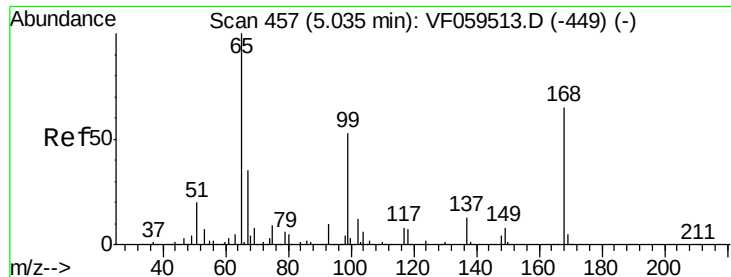
2000

0

2.20 2.30 2.40

Time-->

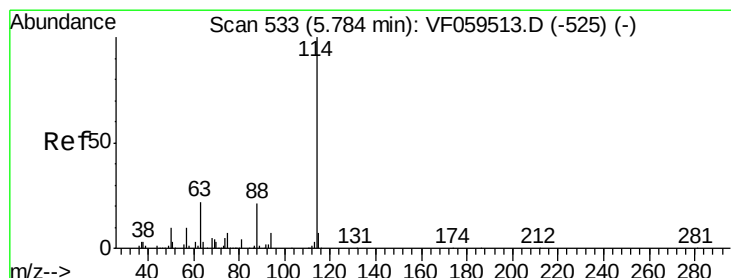
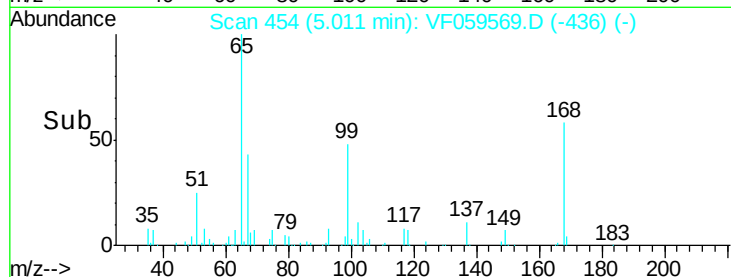
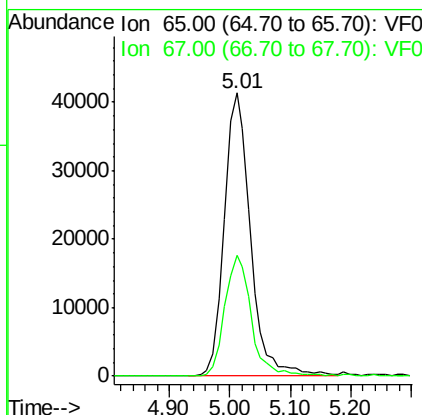
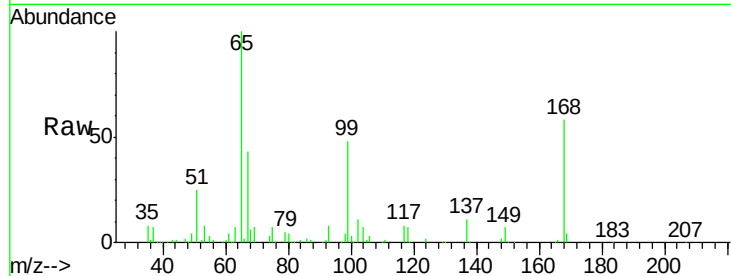




#33
 1,2-Dichloroethane-d4
 Concen: 48.83 ug/l
 RT: 5.01 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: VF059569.D
 Acq: 19 Jul 2018 21:51

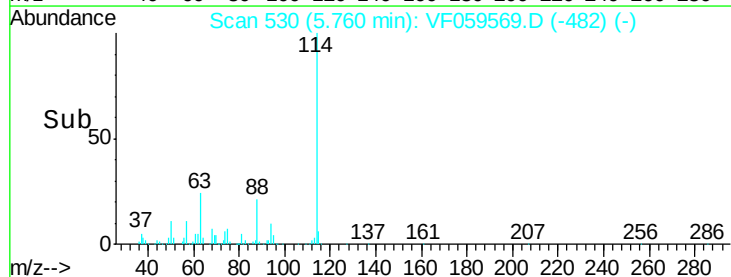
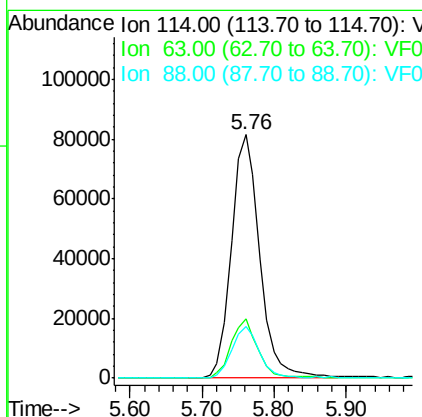
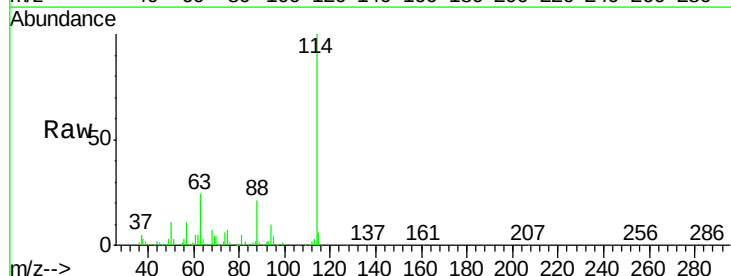
Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-071818-B

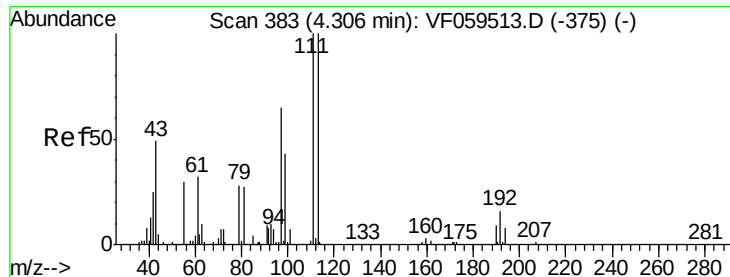
Tot Ion: 65 Resp: 124443
 Ion Ratio Lower Upper
 65 100
 67 42.5 0.0 91.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. -0.02 min
 Lab File: VF059569.D
 Acq: 19 Jul 2018 21:51

Tgt Ion: 114 Resp: 223658
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 44.8
 88 20.9 0.0 42.6





#35

Dibromofluoromethane

Concen: 51.08 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.02 min

Lab File: VF059569.D

Acq: 19 Jul 2018 21:51

Instrument :

MSVOA_F

ClientSampleId :

EO-02-071818-B

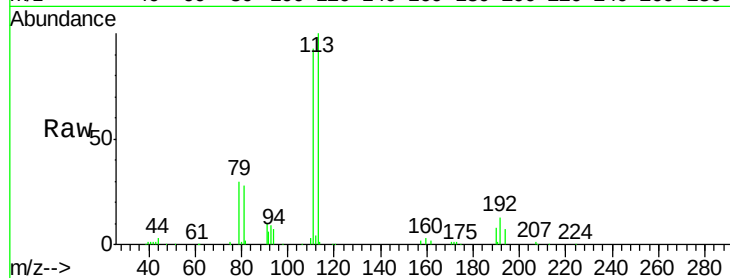
Tot Ion:113 Resp: 98950

Ion Ratio Lower Upper

113 100

111 93.4 80.3 120.5

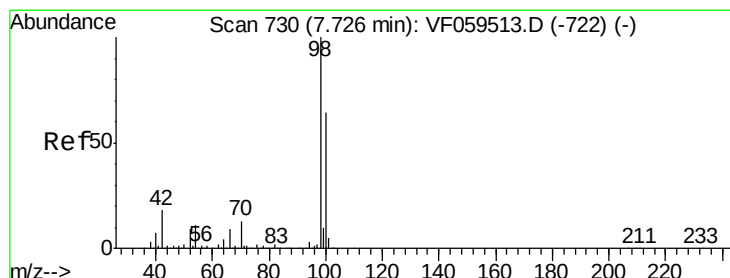
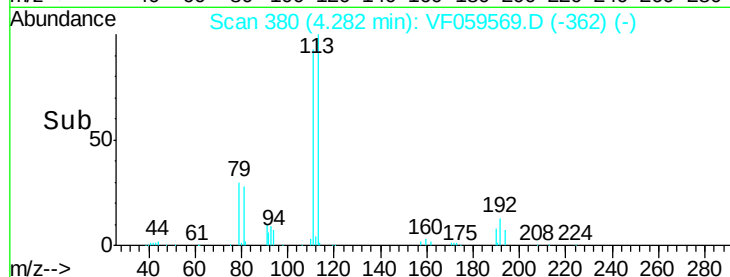
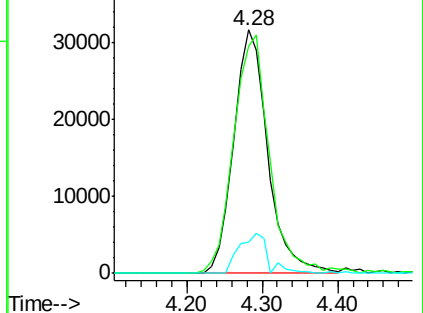
192 12.9 13.1 19.7#



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: 41.98 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.02 min

Lab File: VF059569.D

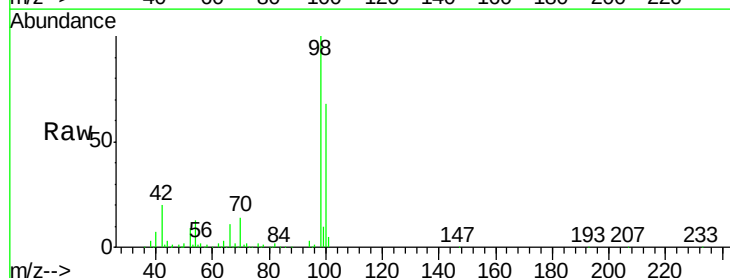
Acq: 19 Jul 2018 21:51

Tgt Ion: 98 Resp: 204826

Ion Ratio Lower Upper

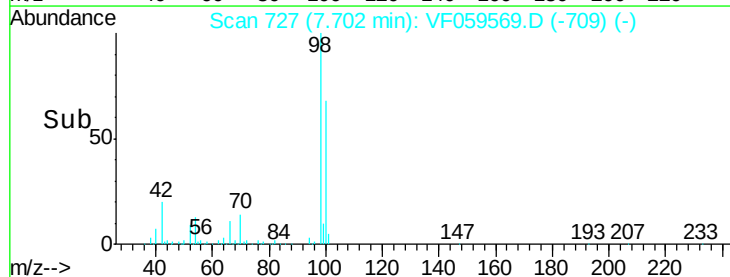
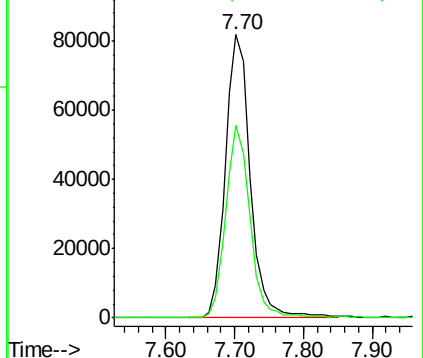
98 100

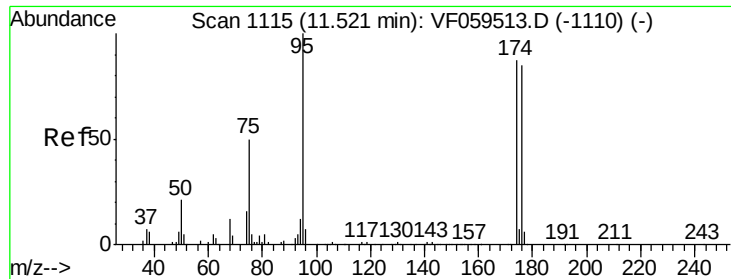
100 67.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

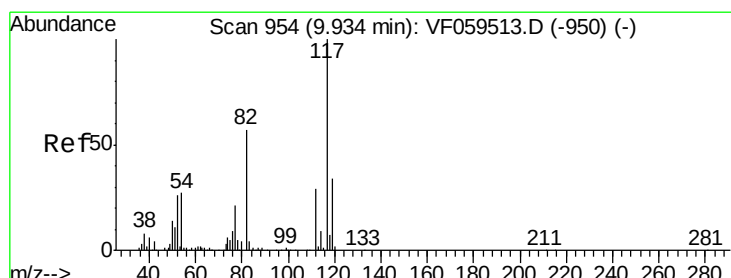
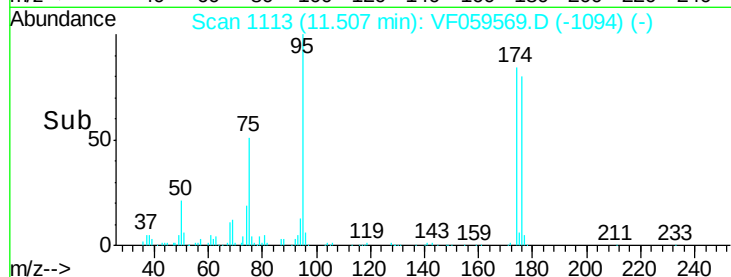
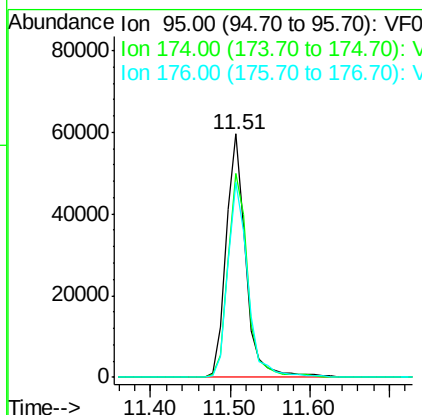
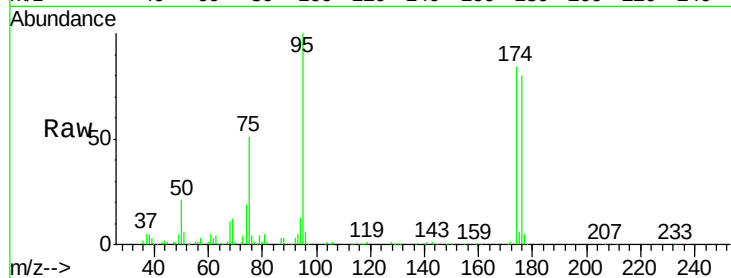




#62
4-Bromofluorobenzene
Concen: 40.76 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059569.D
Acq: 19 Jul 2018 21:51

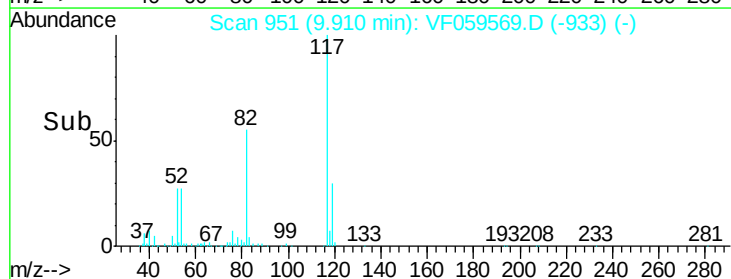
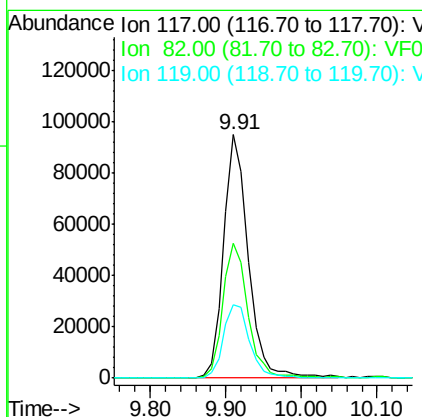
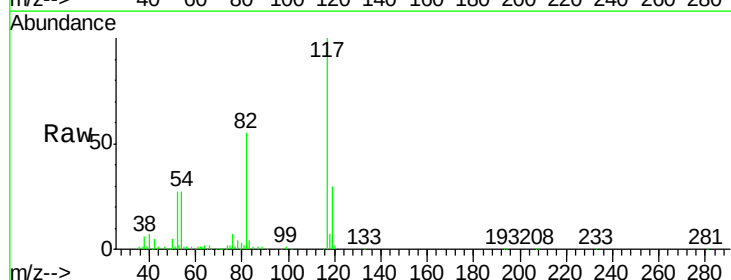
Instrument :
MSVOA_F
ClientSampleId :
EO-02-071818-B

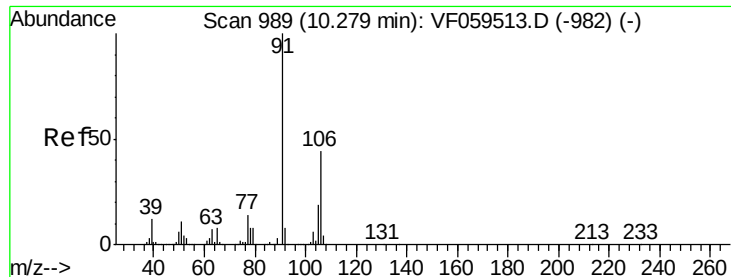
Tot Ion: 95 Resp: 104333
Ion Ratio Lower Upper
95 100
174 83.6 0.0 174.4
176 80.0 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF059569.D
Acq: 19 Jul 2018 21:51

Tgt Ion: 117 Resp: 216046
Ion Ratio Lower Upper
117 100
82 55.3 46.1 69.1
119 30.0 27.2 40.8





#68

m/p-Xylenes

Concen: 2.67 ug/l

RT: 10.26 min Scan# 986

Delta R.T. -0.02 min

Lab File: VF059569.D

Acq: 19 Jul 2018 21:51

Instrument :

MSVOA_F

ClientSampleId :

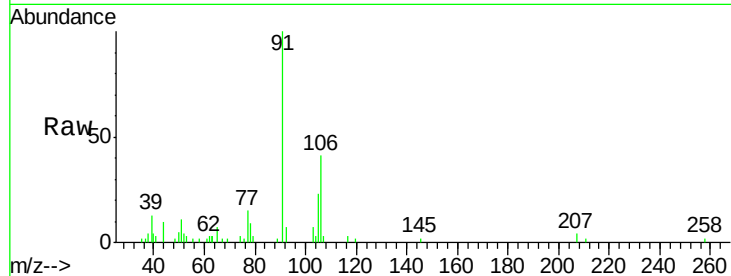
EO-02-071818-B

Tot Ion:106 Resp: 6804

Ion Ratio Lower Upper

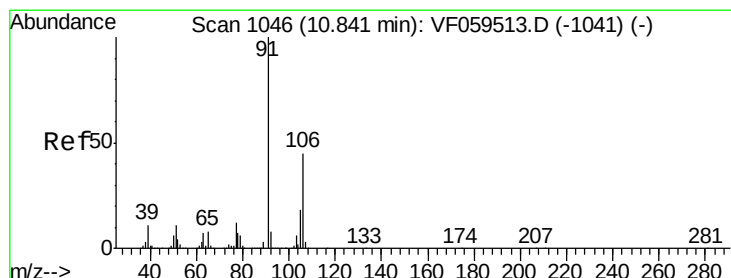
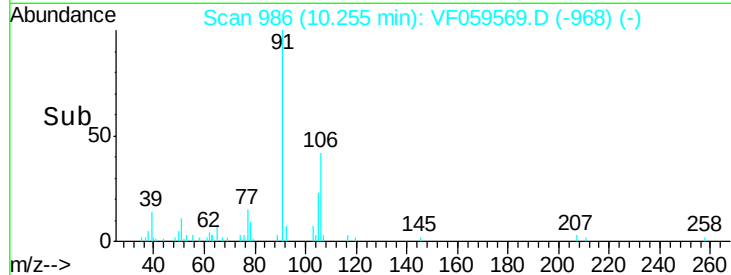
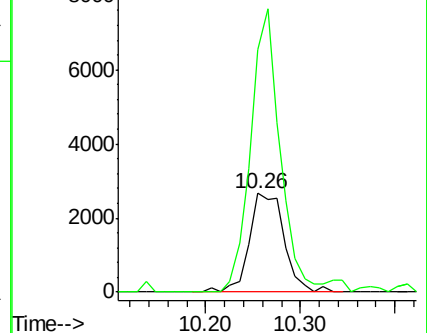
106 100

91 244.8 181.0 271.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0



#69

o-Xylene

Concen: 1.66 ug/l

RT: 10.83 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VF059569.D

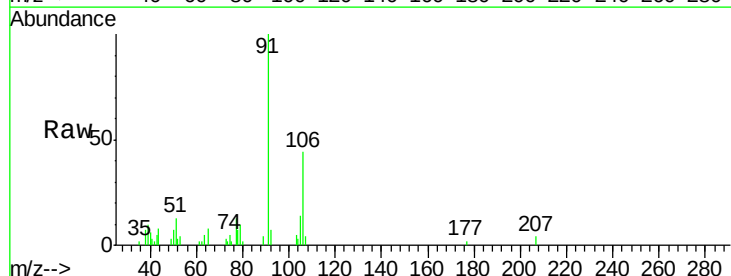
Acq: 19 Jul 2018 21:51

Tgt Ion:106 Resp: 4496

Ion Ratio Lower Upper

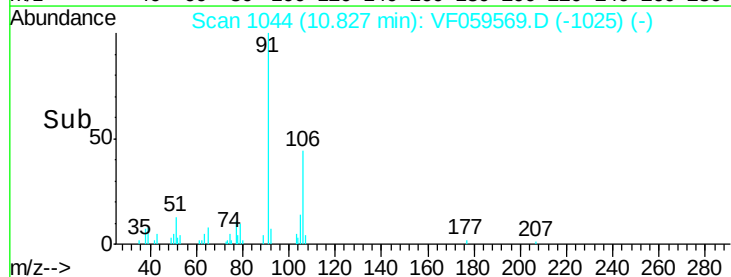
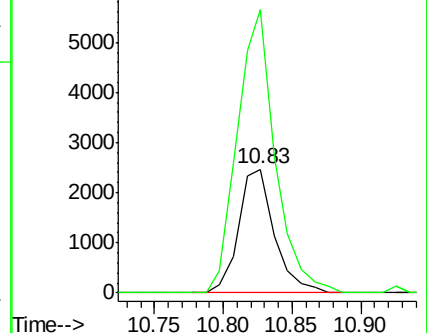
106 100

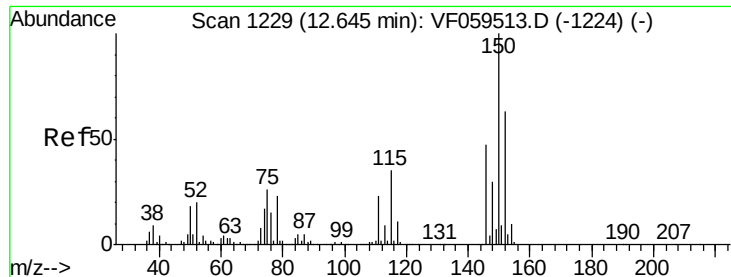
91 229.0 112.3 336.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF059569.D

Acq: 19 Jul 2018 21:51

Instrument :

MSVOA_F

ClientSampleId :

EO-02-071818-B

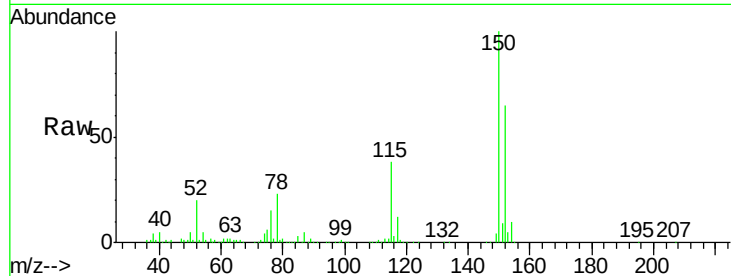
Tot Ion:152 Resp: 111299

Ion Ratio Lower Upper

152 100

115 58.1 27.8 83.3

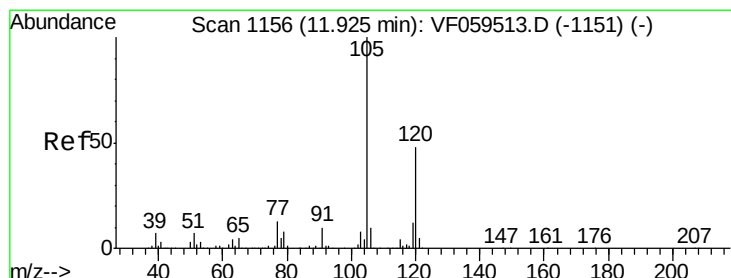
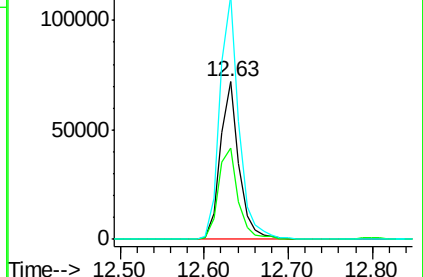
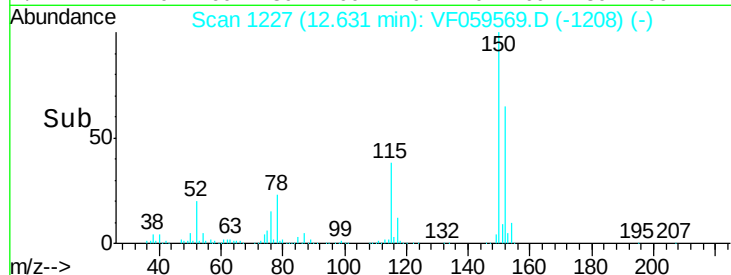
150 154.3 0.0 318.4



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#80

1,3,5-Trimethylbenzene

Concen: 1.23 ug/l

RT: 11.91 min Scan# 1154

Delta R.T. -0.01 min

Lab File: VF059569.D

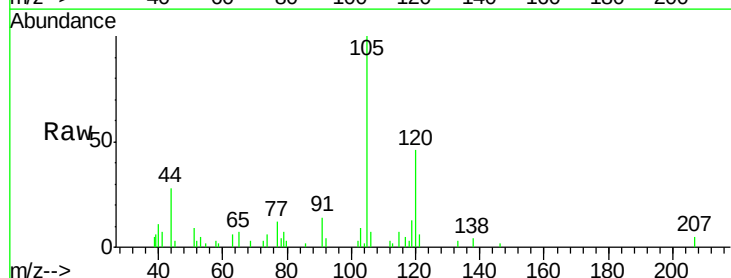
Acq: 19 Jul 2018 21:51

Tgt Ion:105 Resp: 7245

Ion Ratio Lower Upper

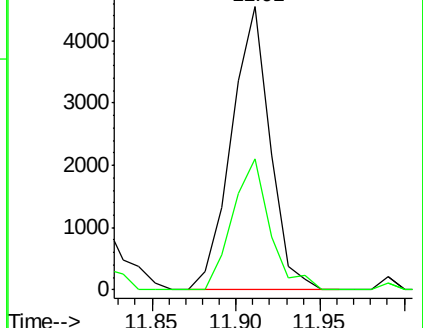
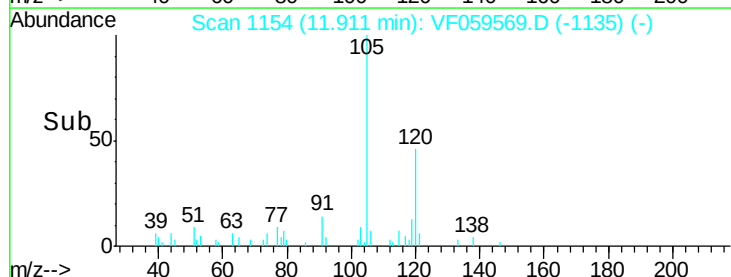
105 100

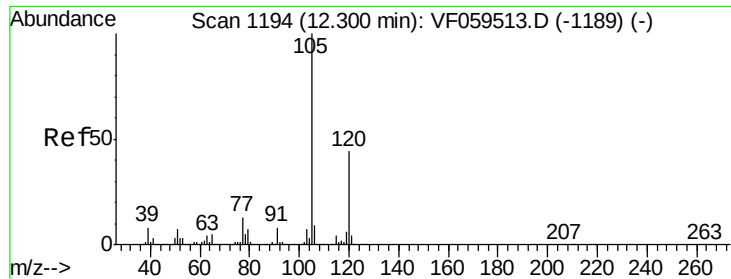
120 46.1 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 2.13 ug/l

RT: 12.29 min Scan# 1192

Delta R.T. -0.01 min

Lab File: VF059569.D

Acq: 19 Jul 2018 21:51

Instrument :

MSVOA_F

ClientSampleId :

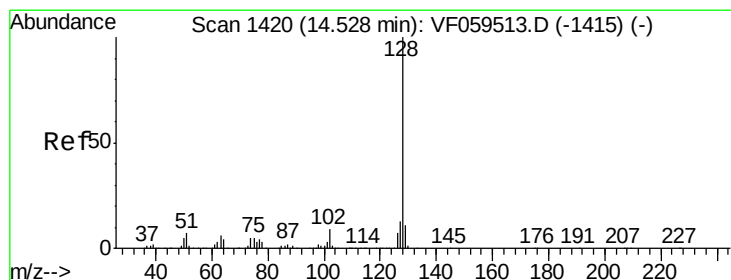
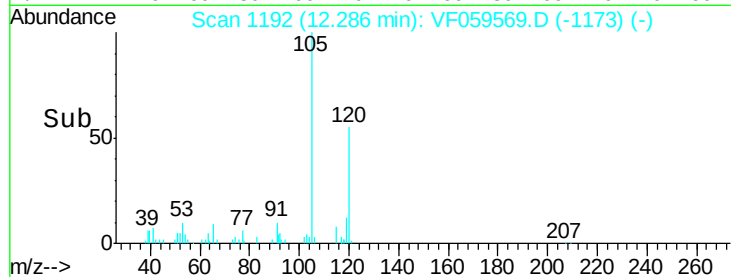
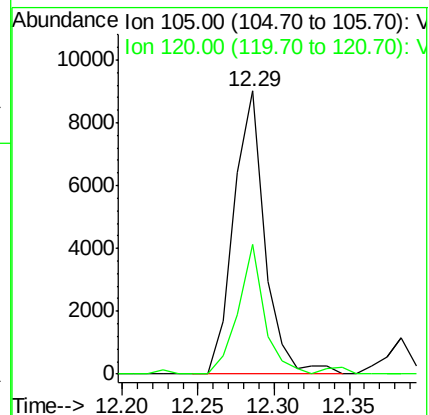
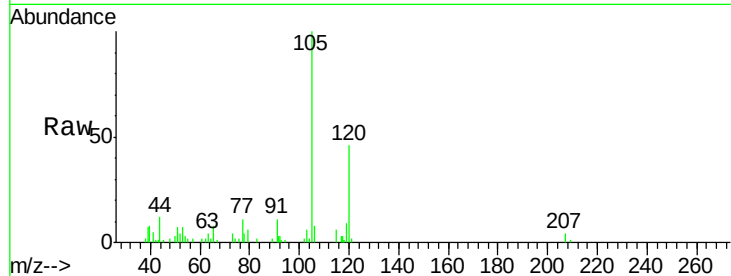
EO-02-071818-B

Tot Ion:105 Resp: 12876

Ion Ratio Lower Upper

105 100

120 45.8 22.5 67.5



#95

Naphthalene

Concen: 3.69 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. -0.00 min

Lab File: VF059569.D

Acq: 19 Jul 2018 21:51

Tgt Ion:128 Resp: 15034

Ion Ratio Lower Upper

128 100

127 11.7 10.2 15.2

129 11.1 9.0 13.4

