

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122118\
 Data File : VF061126.D
 Acq On : 21 Dec 2018 15:17
 Operator : VA/AP
 Sample : J6196-11RE
 Misc : 7.37g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-01-121818-CRE

Quant Time: Dec 21 16:22:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

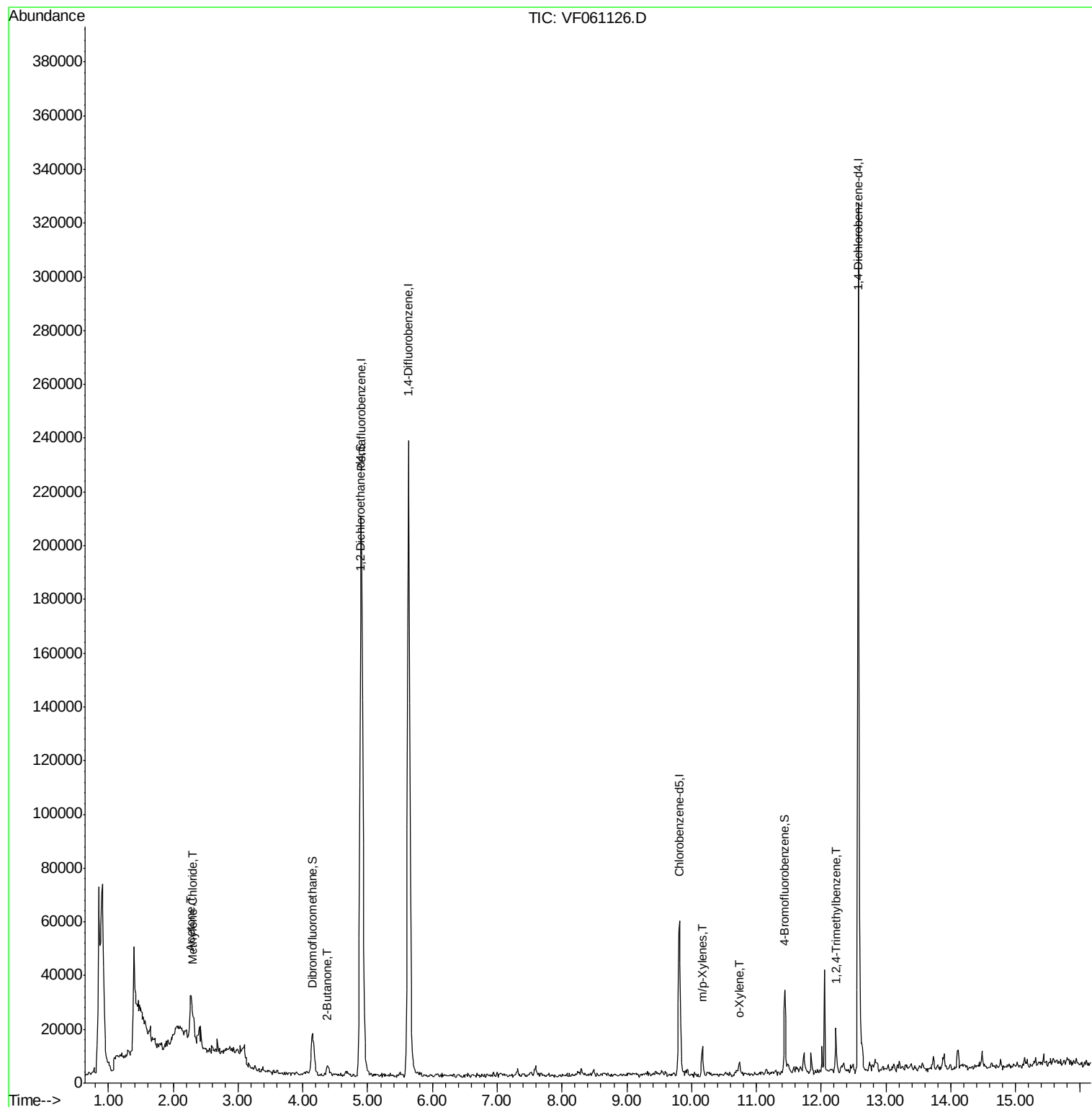
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.91	168	187758	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	5.63	114	255340	50.00	ug/l	0.04
63) Chlorobenzene-d5	9.81	117	42507	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	12.57	152	74329	50.00	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.88	65	13019	5.39	ug/l	0.04
Spiked Amount 50.000			Recovery	=	10.78%	
35) Dibromofluoromethane	4.14	113	15179	7.42	ug/l	0.03
Spiked Amount 50.000			Recovery	=	14.84%	
50) Toluene-d8	7.58	98	2216	0.38	ug/l	0.03
Spiked Amount 50.000			Recovery	=	0.76%	
62) 4-Bromofluorobenzene	11.44	95	13509	5.06	ug/l	0.03
Spiked Amount 50.000			Recovery	=	10.12%	
Target Compounds						
16) Acetone	2.27	43	27029	55.988	ug/l	94
20) Methylene Chloride	2.31	84	9605	1.905	ug/l #	74
25) 2-Butanone	4.38	43	7535	9.624	ug/l #	89
68) m/p-Xylenes	10.16	106	3007	5.341	ug/l	88
69) o-Xylene	10.74	106	1241	1.987	ug/l	83
84) 1,2,4-Trimethylbenzene	12.23	105	6736	1.281	ug/l	97

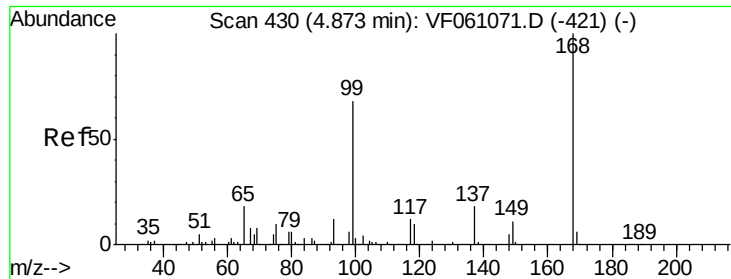
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.91 min Scan# 434

Delta R.T. 0.04 min

Lab File: VF061126.D

Acq: 21 Dec 2018 15:17

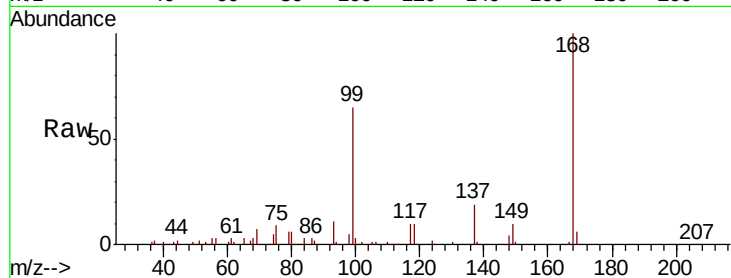
Instrument :
MSVOA_F
ClientSampleId :
EO-01-121818-CRE

Tgt Ion:168 Resp: 187758

Ion Ratio Lower Upper

168 100

99 65.0 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.91

60000

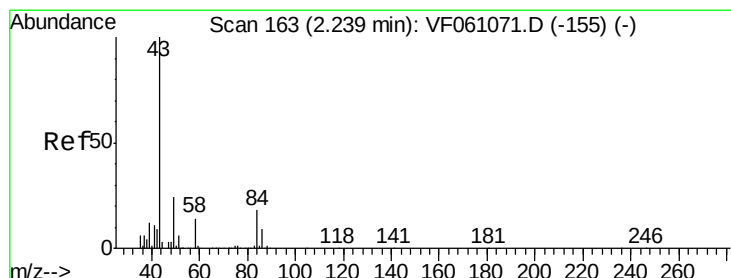
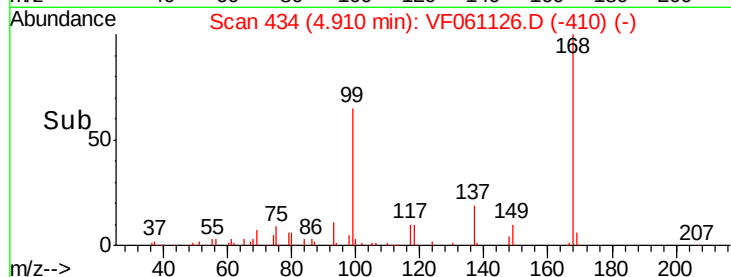
40000

20000

0

Time-->

4.80 4.90 5.00



#16

Acetone

Concen: 55.988 ug/l

RT: 2.27 min Scan# 166

Delta R.T. 0.03 min

Lab File: VF061126.D

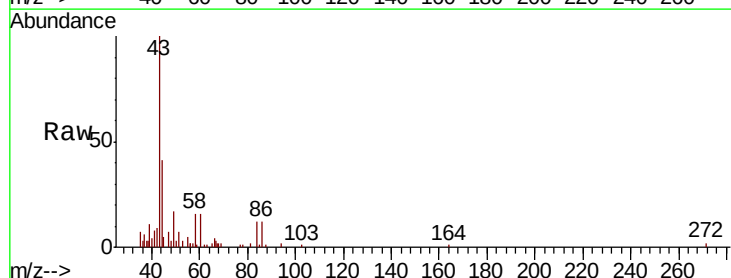
Acq: 21 Dec 2018 15:17

Tgt Ion: 43 Resp: 27029

Ion Ratio Lower Upper

43 100

58 16.1 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.27

10000

8000

6000

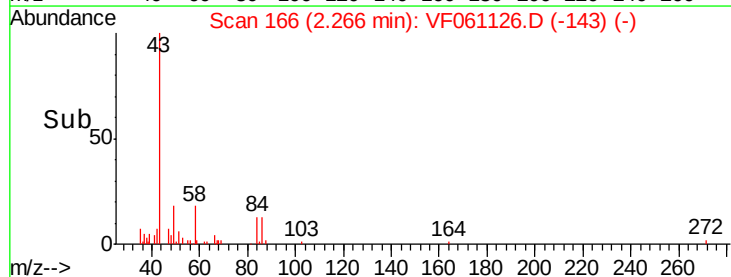
4000

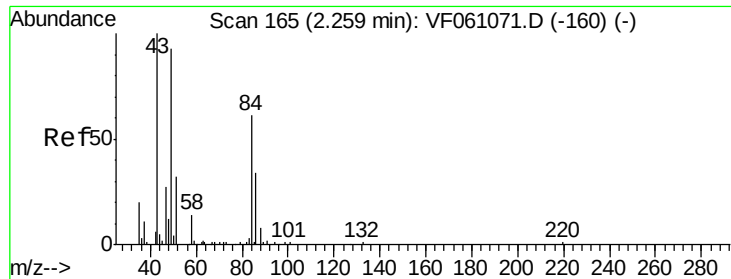
2000

0

Time-->

2.10 2.20 2.30 2.40

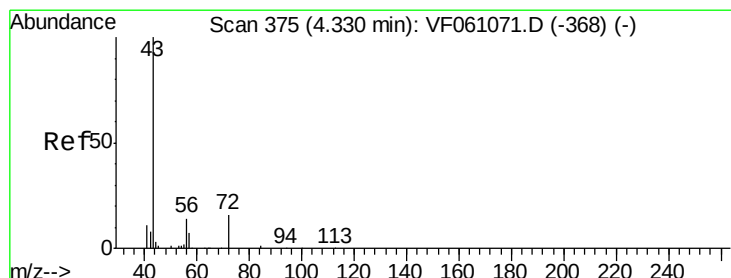
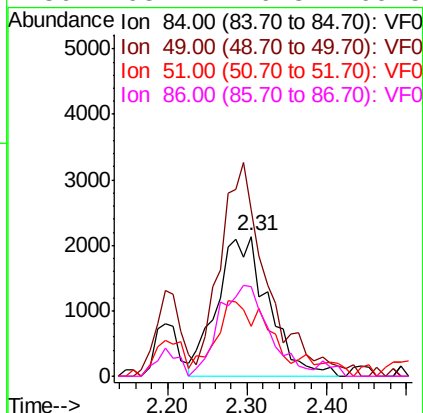
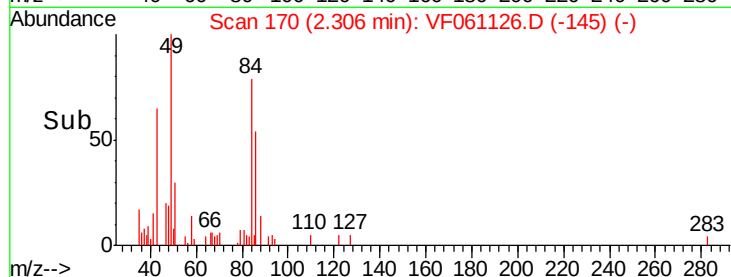
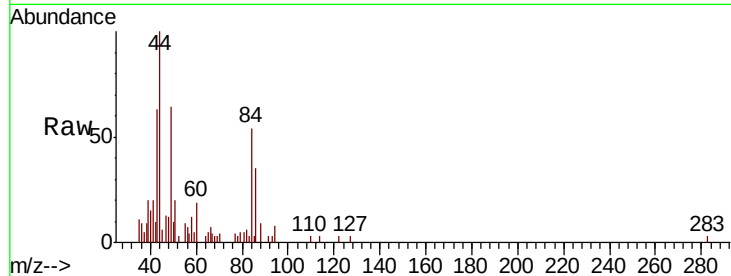




#20
Methylene Chloride
Concen: 1.905 ug/l
RT: 2.31 min Scan# 170
Delta R.T. 0.05 min
Lab File: VF061126.D
Acq: 21 Dec 2018 15:17

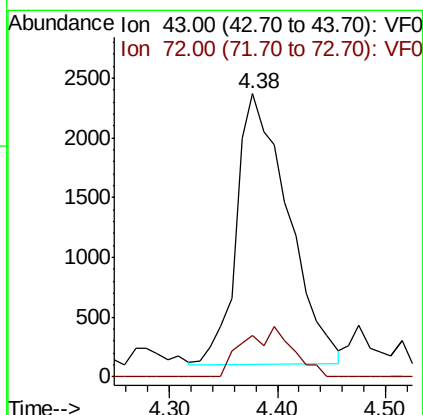
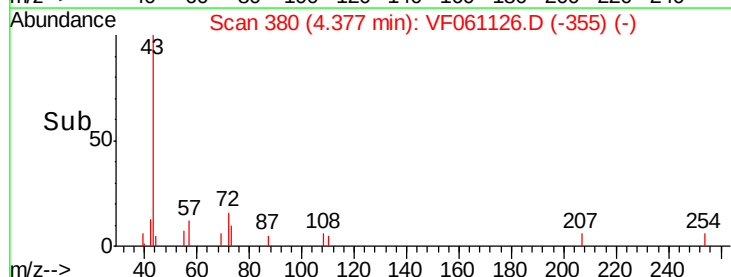
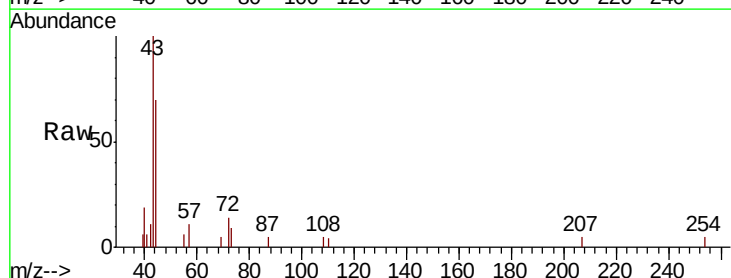
Instrument :
MSVOA_F
ClientSampleId :
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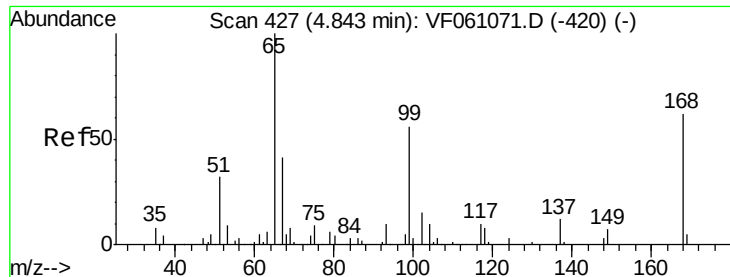
Tgt Ion: 84 Resp: 9605
Ion Ratio Lower Upper
84 100
49 119.0 129.4 194.2#
51 36.0 44.0 66.0#
86 63.7 46.3 69.5



#25
2-Butanone
Concen: 9.624 ug/l
RT: 4.38 min Scan# 380
Delta R.T. 0.05 min
Lab File: VF061126.D
Acq: 21 Dec 2018 15:17

Tgt Ion: 43 Resp: 7535
Ion Ratio Lower Upper
43 100
72 14.4 15.6 23.4#

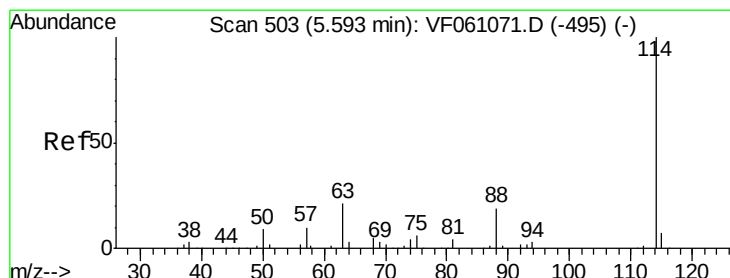
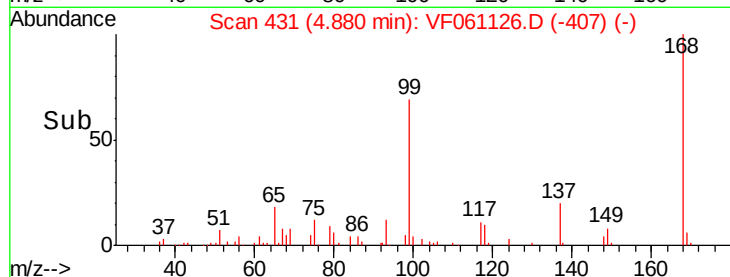
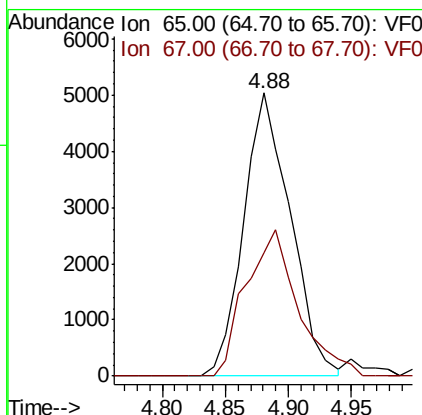
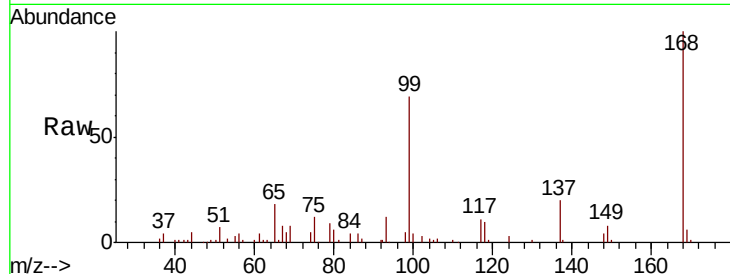




#33
 1,2-Dichloroethane-d4
 Concen: 5.391 ug/l
 RT: 4.88 min Scan# 431
 Delta R.T. 0.04 min
 Lab File: VF061126.D
 Acq: 21 Dec 2018 15:17

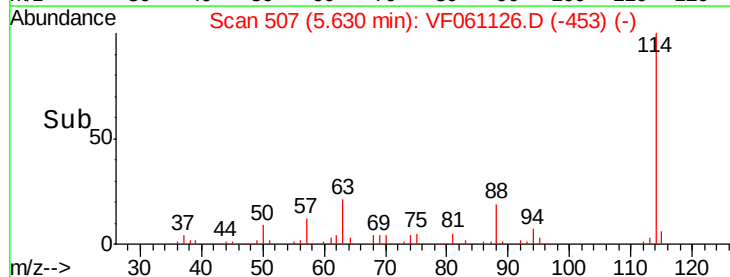
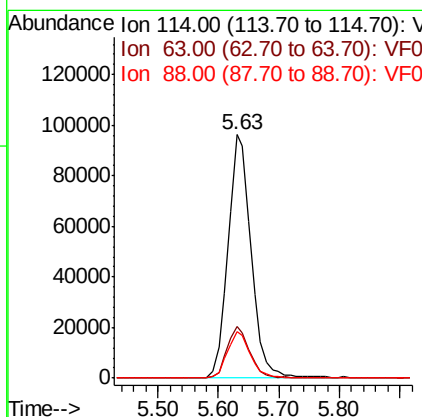
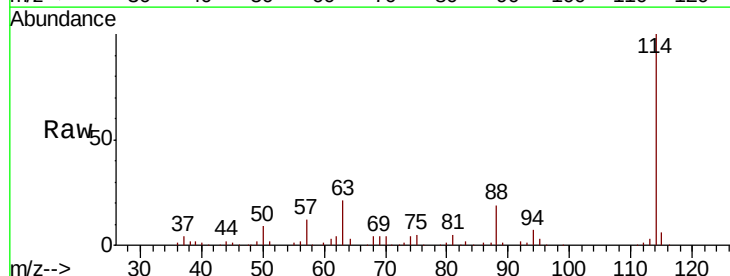
Instrument :
 MSVOA_F
 ClientSampleId :
 EO-01-121818-CRE

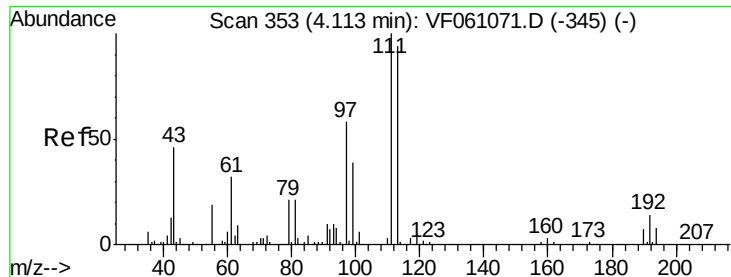
Tgt Ion: 65 Resp: 13019
 Ion Ratio Lower Upper
 65 100
 67 43.6 0.0 94.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 507
 Delta R.T. 0.04 min
 Lab File: VF061126.D
 Acq: 21 Dec 2018 15:17

Tgt Ion: 114 Resp: 255340
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 41.6
 88 19.1 0.0 38.0

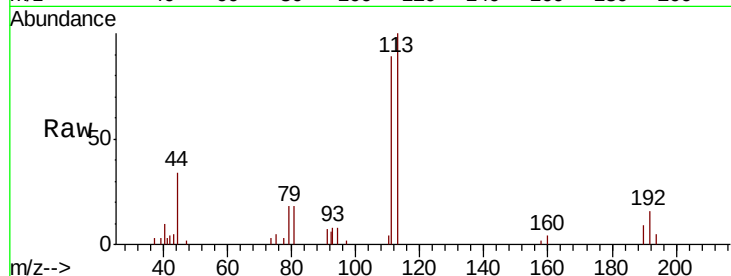




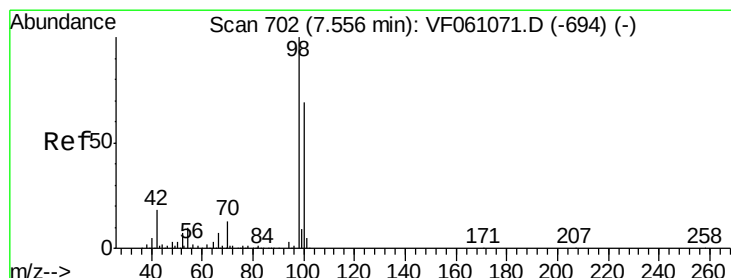
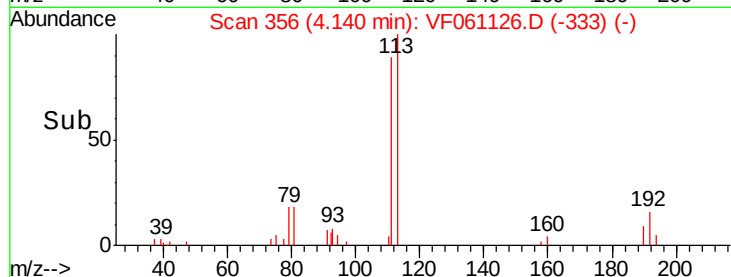
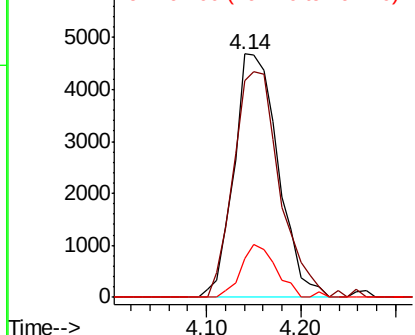
#35
 Dibromofluoromethane
 Concen: 7.421 ug/l
 RT: 4.14 min Scan# 356
 Delta R.T. 0.03 min
 Lab File: VF061126.D
 Acq: 21 Dec 2018 15:17

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-01-121818-CRE

Tgt Ion: 113 Resp: 15179
 Ion Ratio Lower Upper
 113 100
 111 88.9 85.2 127.8
 192 16.0 12.8 19.2

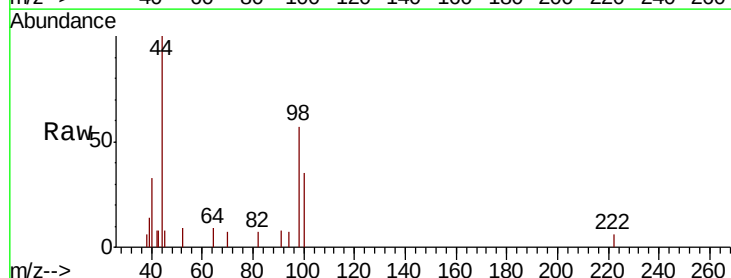


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

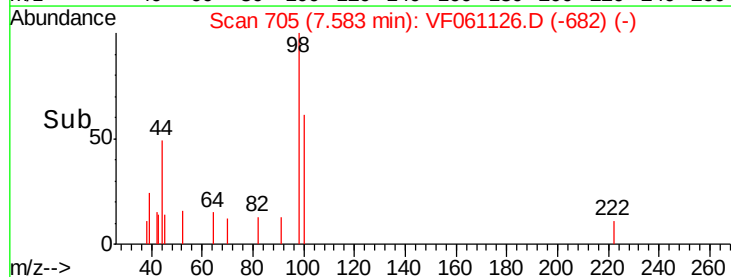
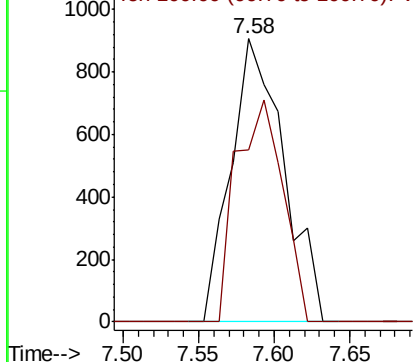


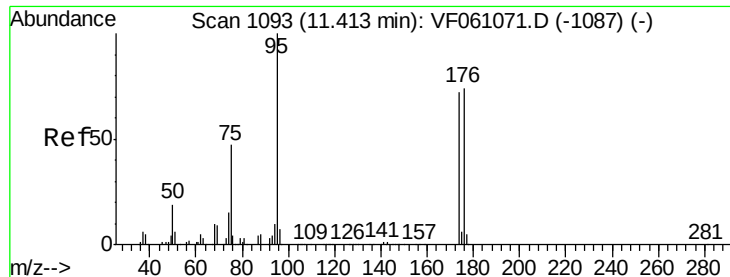
#50
 Toluene-d8
 Concen: 0.382 ug/l
 RT: 7.58 min Scan# 705
 Delta R.T. 0.03 min
 Lab File: VF061126.D
 Acq: 21 Dec 2018 15:17

Tgt Ion: 98 Resp: 2216
 Ion Ratio Lower Upper
 98 100
 100 60.8 55.3 82.9



Abundance Ion 98.00 (97.70 to 98.70): VF0
 Ion 100.00 (99.70 to 100.70): VF

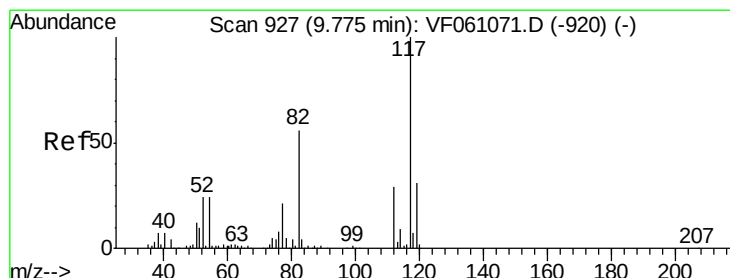
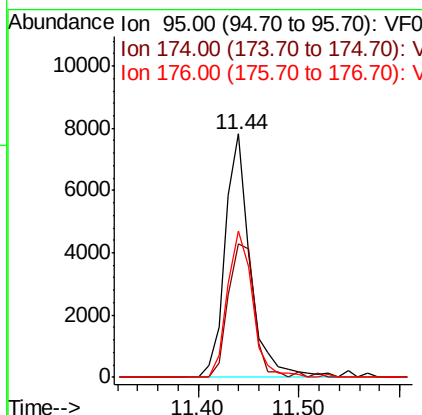
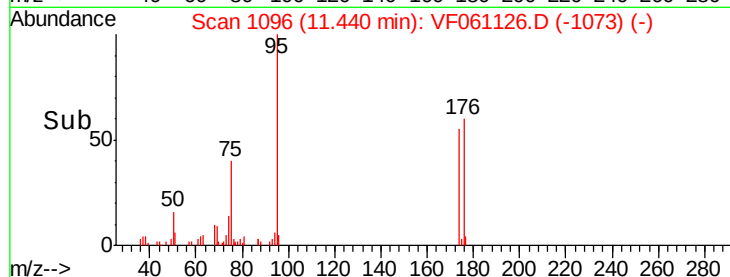
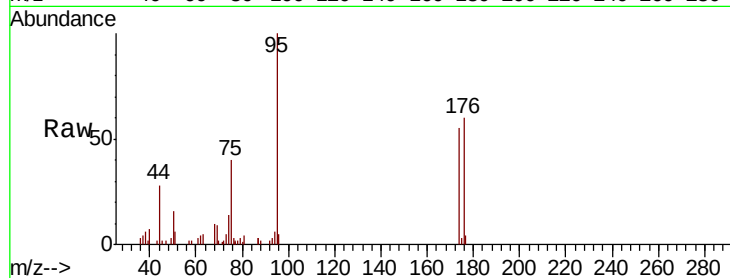




#62
4-Bromofluorobenzene
Concen: 5.055 ug/l
RT: 11.44 min Scan# 1096
Delta R.T. 0.03 min
Lab File: VF061126.D
Acq: 21 Dec 2018 15:17

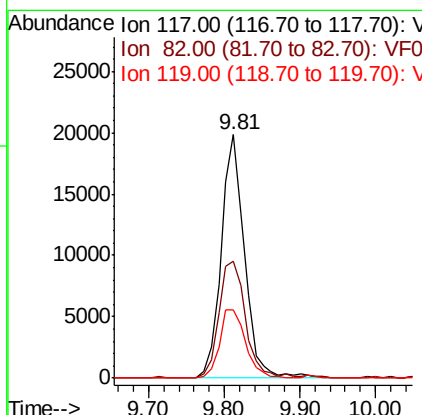
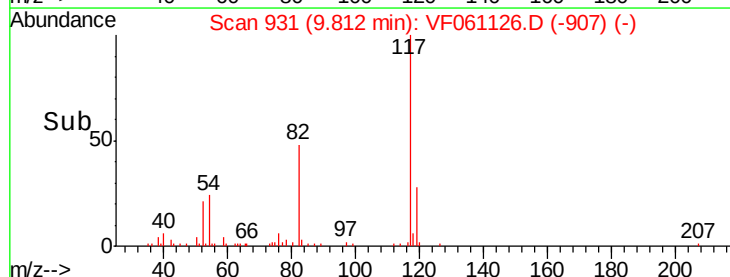
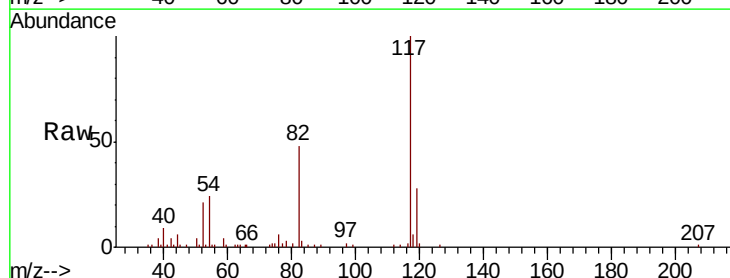
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MSVOA_F
ClientSampleId :
EO-01-121818-CRE

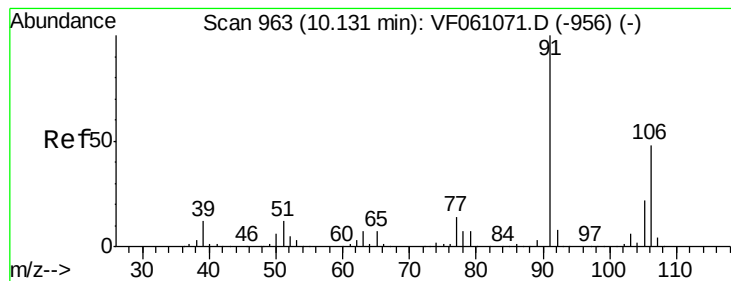
Tgt Ion: 95 Resp: 13509
Ion Ratio Lower Upper
95 100
174 54.9 0.0 143.8
176 63.8 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.81 min Scan# 931
Delta R.T. 0.04 min
Lab File: VF061126.D
Acq: 21 Dec 2018 15:17

Tgt Ion: 117 Resp: 42507
Ion Ratio Lower Upper
117 100
82 48.2 45.0 67.4
119 27.9 24.8 37.2





#68

m/p-Xylenes

Concen: 5.341 ug/l

RT: 10.16 min Scan# 966

Delta R.T. 0.03 min

Lab File: VF061126.D

Acq: 21 Dec 2018 15:17

Instrument :

MSVOA_F

ClientSampleId :

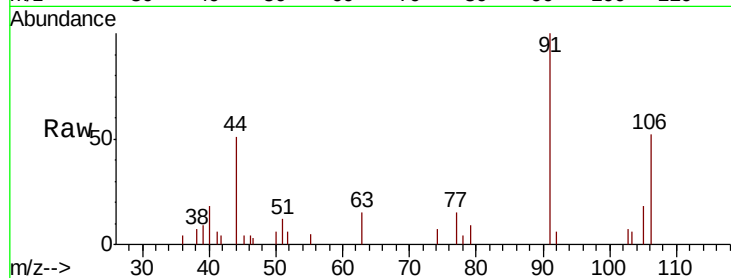
EO-01-121818-CRE

Tgt Ion:106 Resp: 3007

Ion Ratio Lower Upper

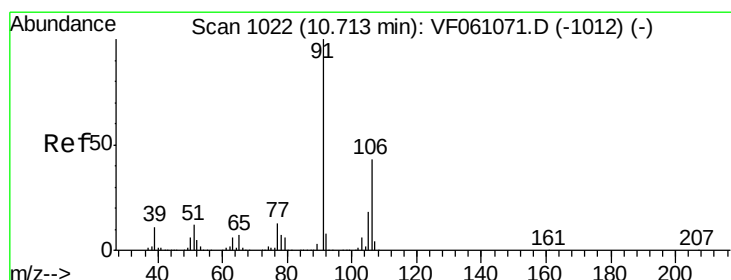
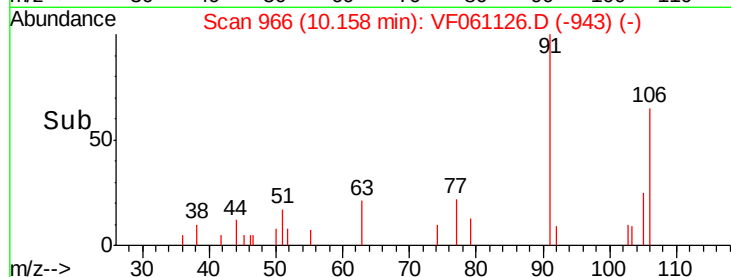
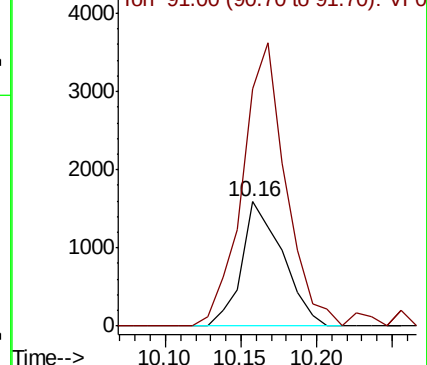
106 100

91 190.8 168.2 252.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0



#69

o-Xylene

Concen: 1.987 ug/l

RT: 10.74 min Scan# 1025

Delta R.T. 0.03 min

Lab File: VF061126.D

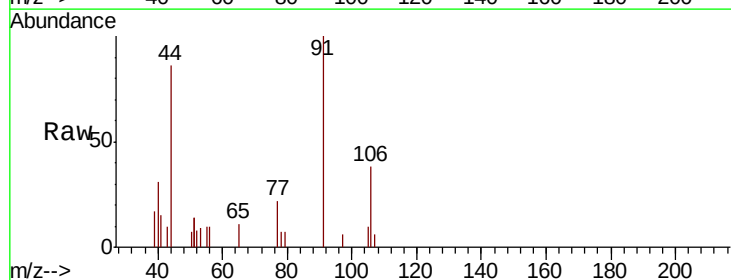
Acq: 21 Dec 2018 15:17

Tgt Ion:106 Resp: 1241

Ion Ratio Lower Upper

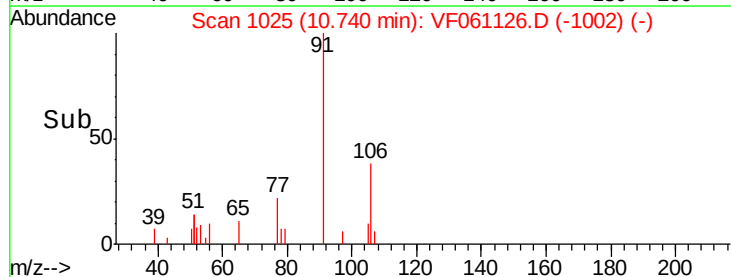
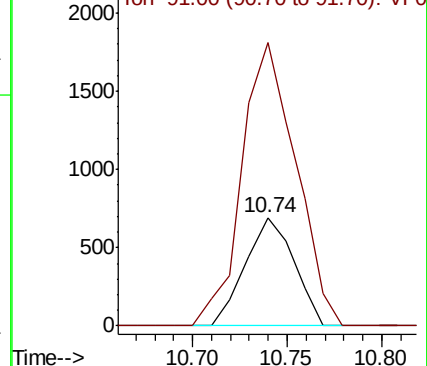
106 100

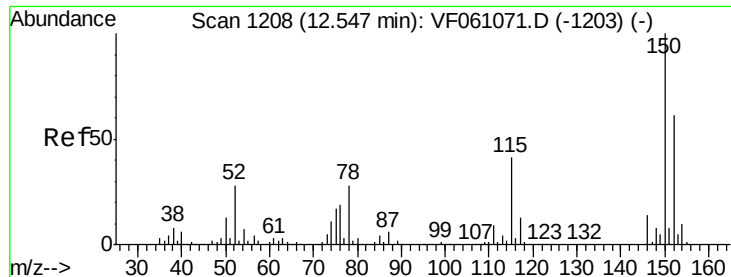
91 260.8 115.9 347.7



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: 50.000 ug/l

RT: 12.57 min Scan# 1211

Delta R.T. 0.03 min

Lab File: VF061126.D

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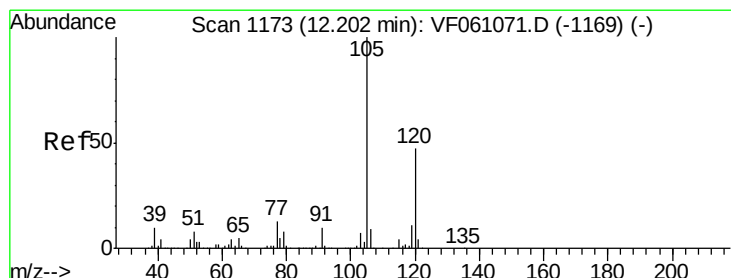
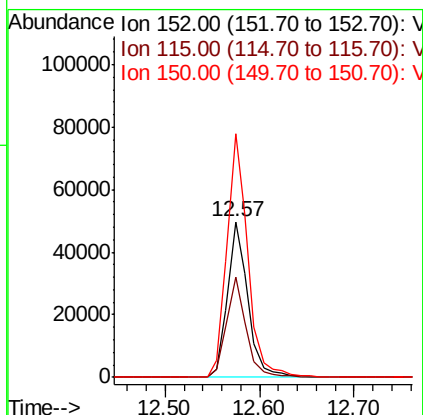
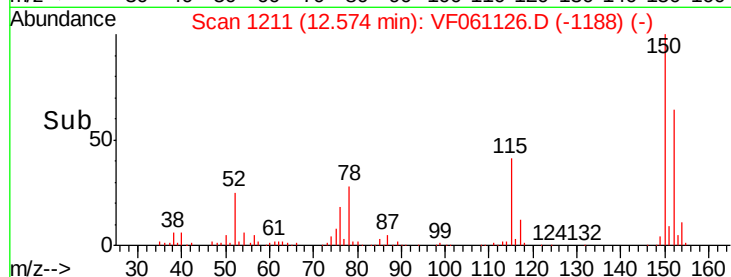
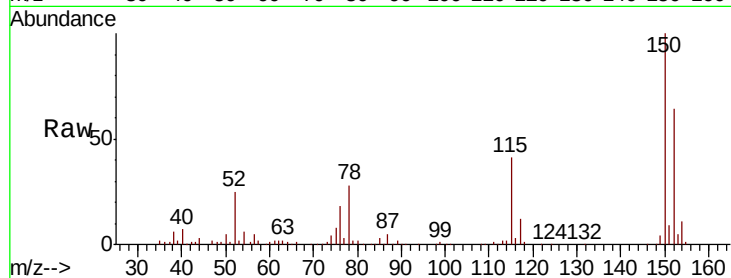
Tgt Ion:152 Resp: 74329

Ion Ratio Lower Upper

152 100

115 64.2 33.3 99.9

150 156.3 0.0 328.2



#84

1,2,4-Trimethylbenzene

Concen: 1.281 ug/l

RT: 12.23 min Scan# 1176

Delta R.T. 0.03 min

Lab File: VF061126.D

Acq: 21 Dec 2018 15:17

Tgt Ion:105 Resp: 6736

Ion Ratio Lower Upper

105 100

120 49.6 23.6 71.0

