

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121018\
 Data File : VF060955.D
 Acq On : 10 Dec 2018 15:56
 Operator : VA/AP
 Sample : J6196-01
 Misc : 6.83g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-03-120718-A

Quant Time: Dec 11 12:43:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

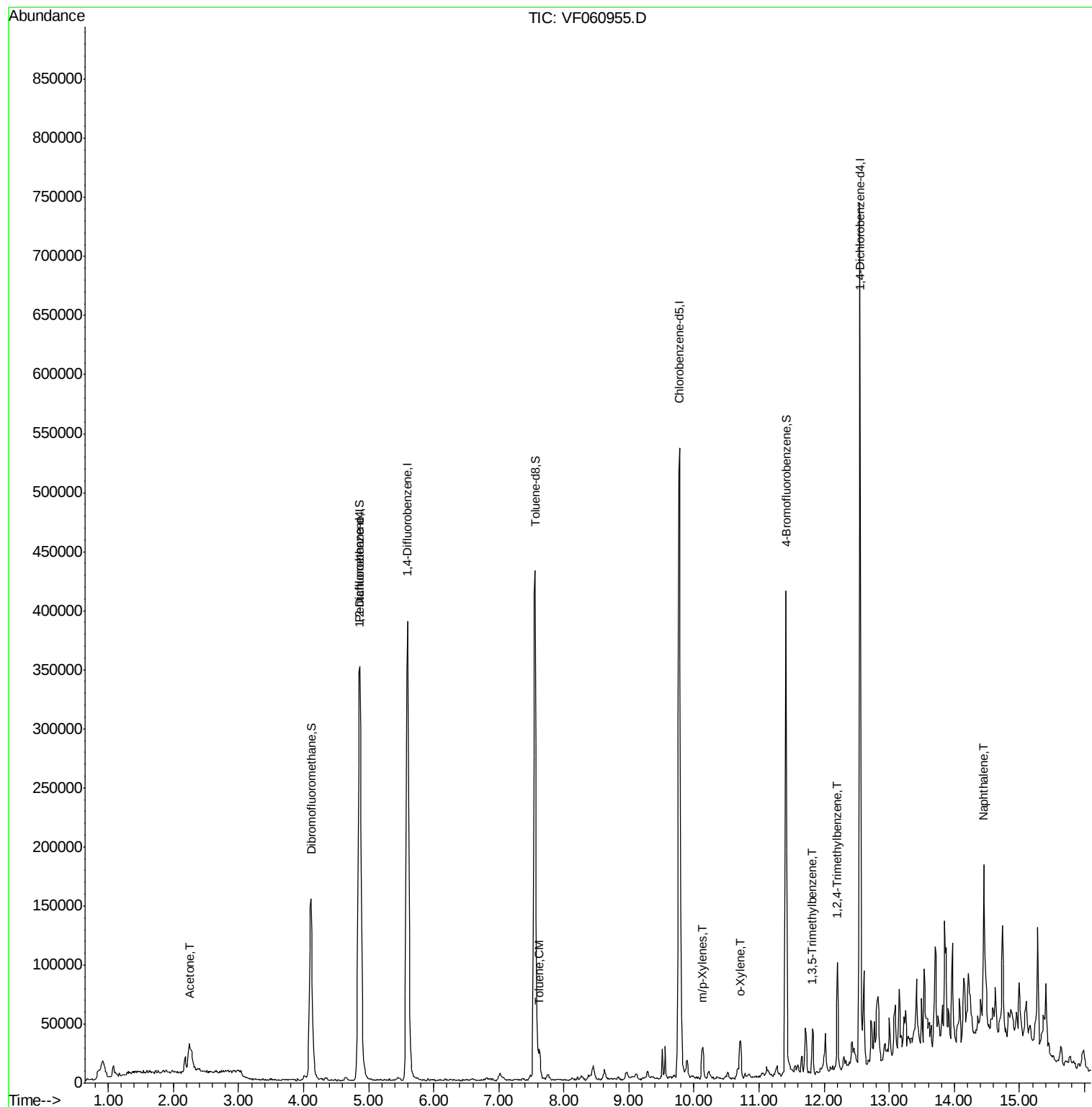
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	266377	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.60	114	431918	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.78	117	385659	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	178161	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	138081	44.00	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	88.00%	
35) Dibromofluoromethane	4.11	113	148875	43.45	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	86.90%	
50) Toluene-d8	7.56	98	369193	36.58	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	73.16%	
62) 4-Bromofluorobenzene	11.40	95	169361	36.92	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	73.84%	
Target Compounds						
16) Acetone	2.24	43	25972	44.882	ug/l	# 86
52) Toluene	7.63	92	11549	1.554	ug/l	98
68) m/p-Xylenes	10.13	106	9476	1.886	ug/l	90
69) o-Xylene	10.71	106	8985	1.622	ug/l	98
80) 1,3,5-Trimethylbenzene	11.82	105	18457	1.615	ug/l	93
84) 1,2,4-Trimethylbenzene	12.20	105	40498	3.550	ug/l	91
95) Naphthalene	14.45	128	79003	7.504	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.05 min

Lab File: VF060955.D

Acq: 10 Dec 2018 15:56

Instrument :

MSVOA_F

ClientSampleId :

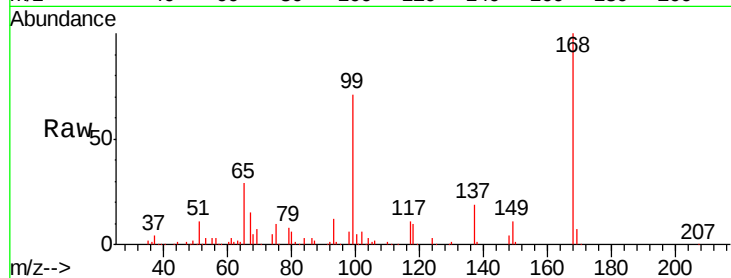
EO-03-120718-A

Tgt Ion:168 Resp: 266377

Ion Ratio Lower Upper

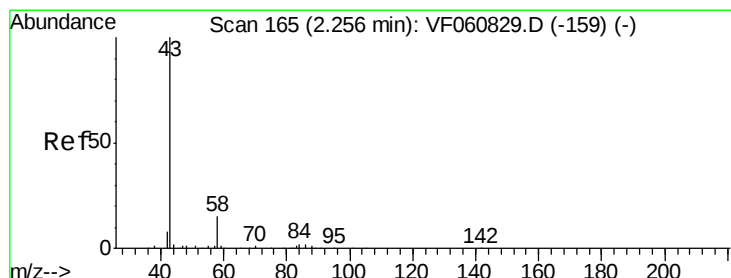
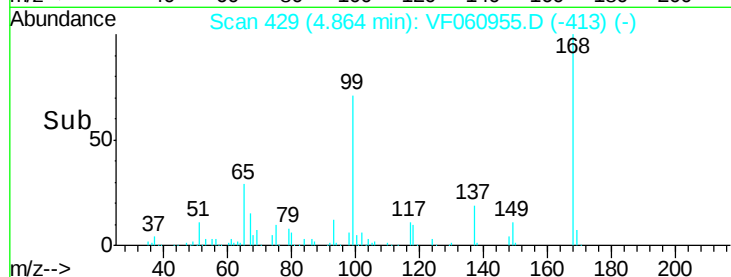
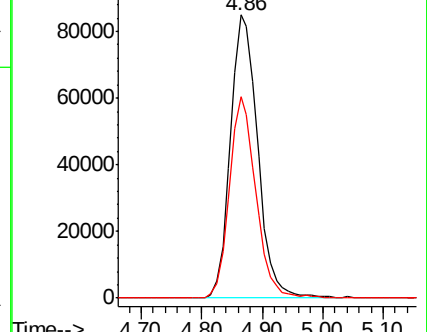
168 100

99 71.4 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 44.882 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.02 min

Lab File: VF060955.D

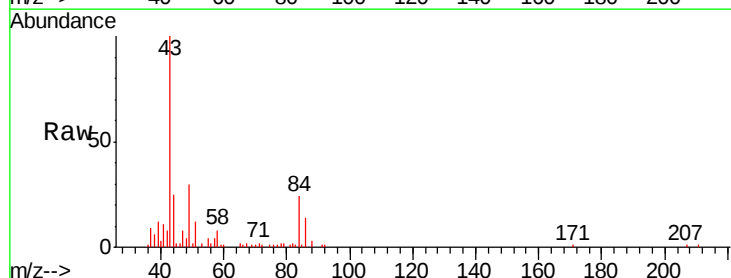
Acq: 10 Dec 2018 15:56

Tgt Ion: 43 Resp: 25972

Ion Ratio Lower Upper

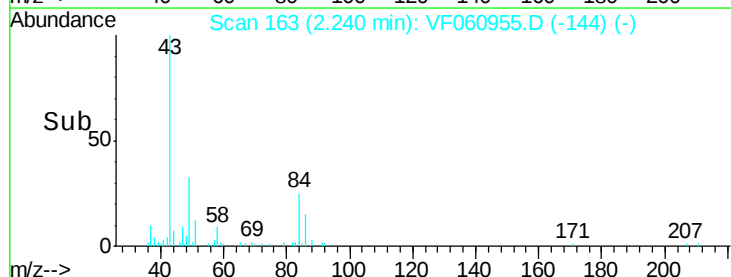
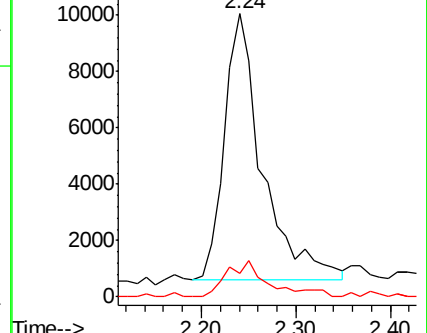
43 100

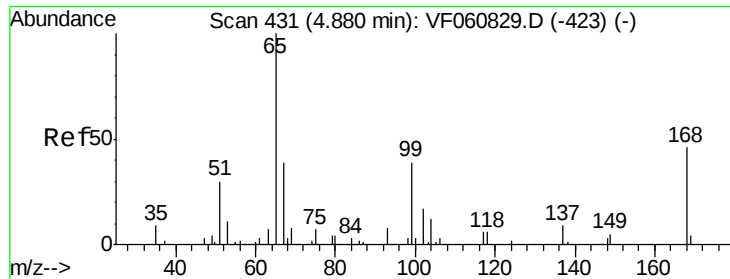
58 8.5 11.4 17.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 44.003 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.04 min

Lab File: VF060955.D

Acq: 10 Dec 2018 15:56

Instrument :

MSVOA_F

ClientSampleId :

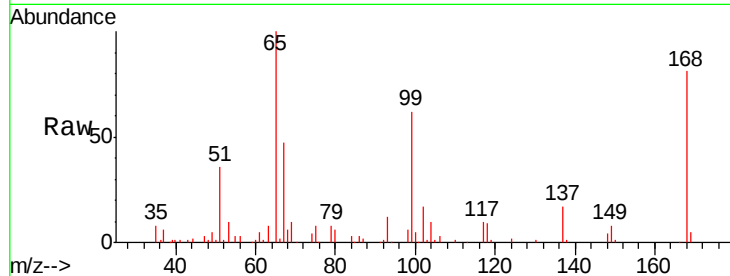
EO-03-120718-A

Tgt Ion: 65 Resp: 138081

Ion Ratio Lower Upper

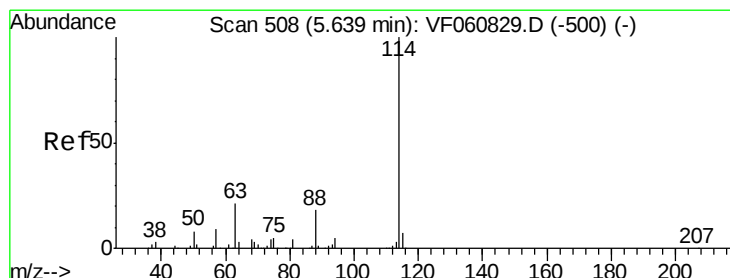
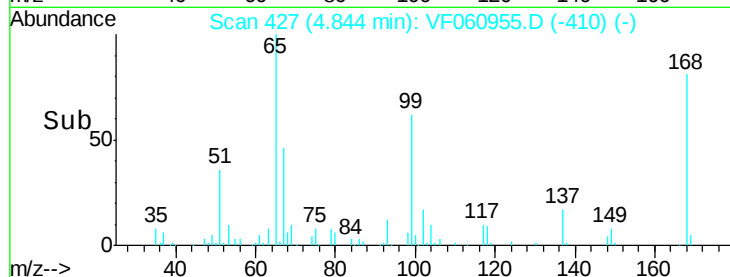
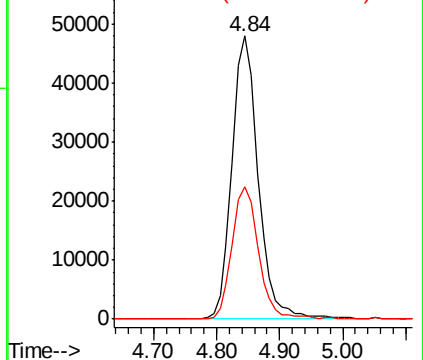
65 100

67 46.7 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.04 min

Lab File: VF060955.D

Acq: 10 Dec 2018 15:56

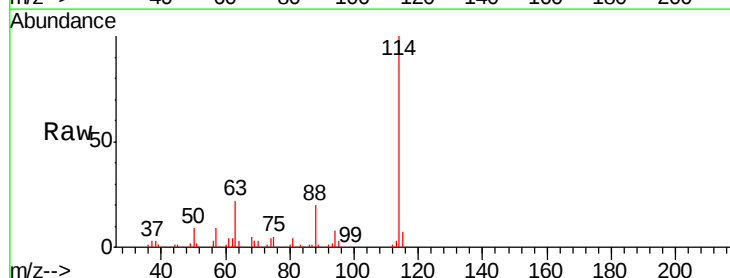
Tgt Ion: 114 Resp: 431918

Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.6

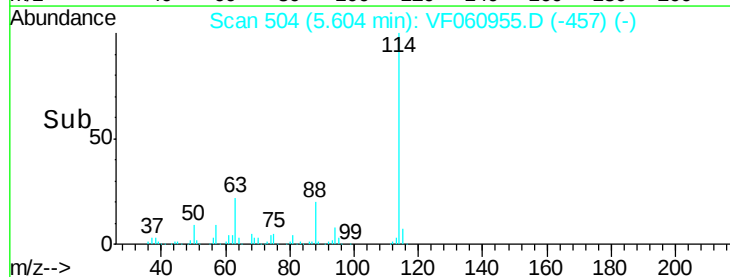
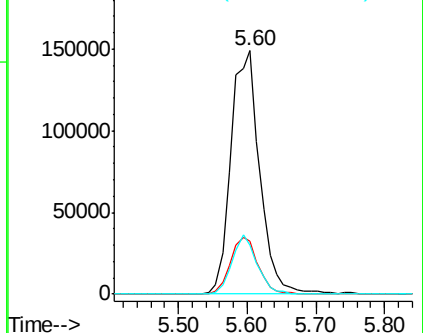
88 19.9 0.0 36.6

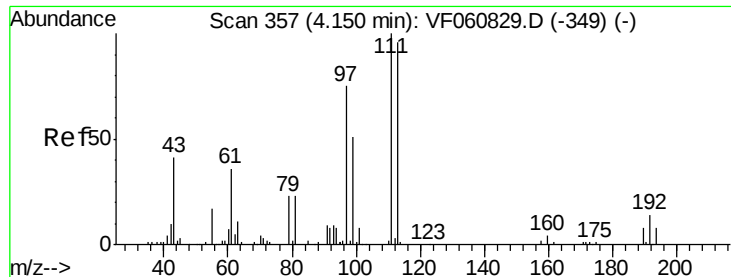


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

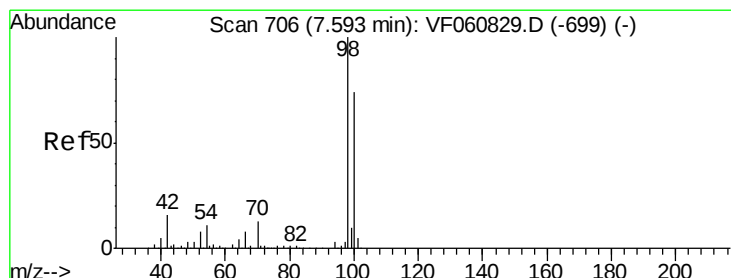
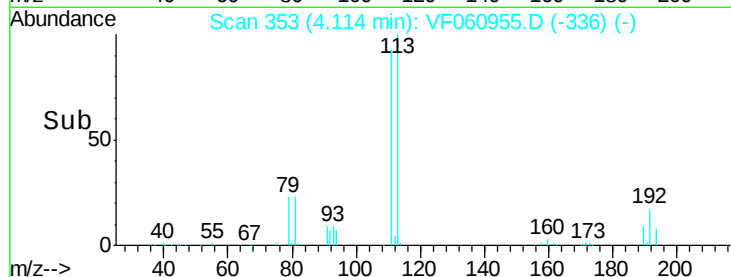
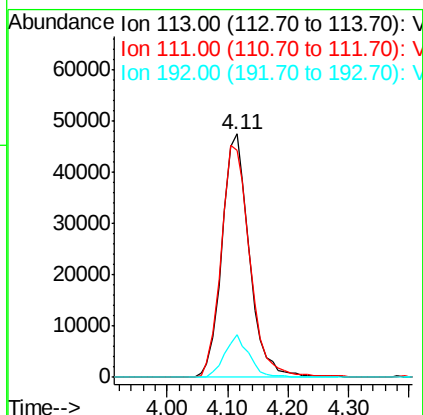
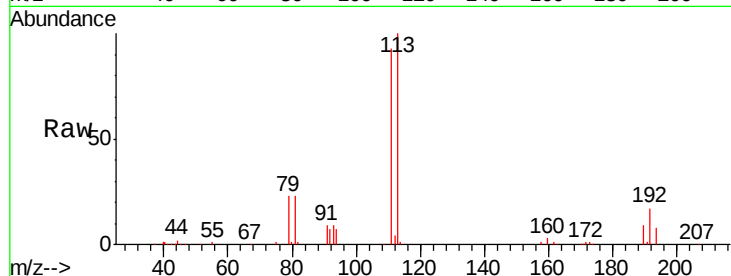




#35
 Dibromofluoromethane
 Concen: 43.448 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. -0.04 min
 Lab File: VF060955.D
 Acq: 10 Dec 2018 15:56

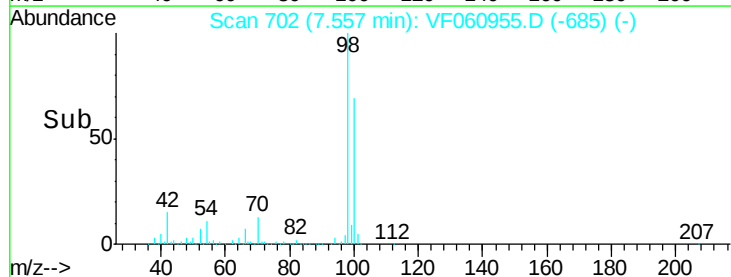
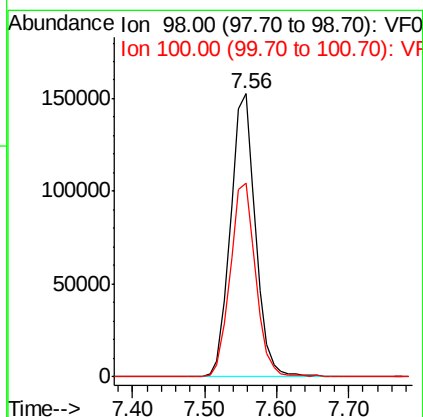
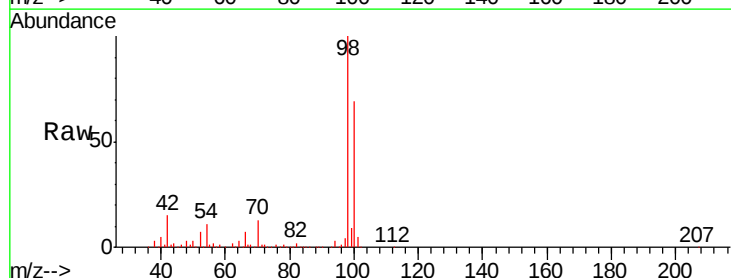
Instrument :
 MSVOA_F
 ClientSampleId :
 EO-03-120718-A

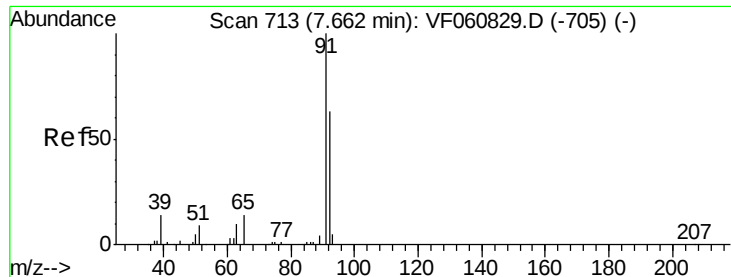
Tgt Ion:113 Resp: 148875
 Ion Ratio Lower Upper
 113 100
 111 93.3 83.0 124.6
 192 17.5 12.3 18.5



#50
 Toluene-d8
 Concen: 36.577 ug/l
 RT: 7.56 min Scan# 702
 Delta R.T. -0.04 min
 Lab File: VF060955.D
 Acq: 10 Dec 2018 15:56

Tgt Ion: 98 Resp: 369193
 Ion Ratio Lower Upper
 98 100
 100 68.5 59.3 88.9





#52

Toluene

Concen: 1.554 ug/l

RT: 7.63 min Scan# 709

Delta R.T. -0.04 min

Lab File: VF060955.D

Acq: 10 Dec 2018 15:56

Instrument :

MSVOA_F

ClientSampleId :

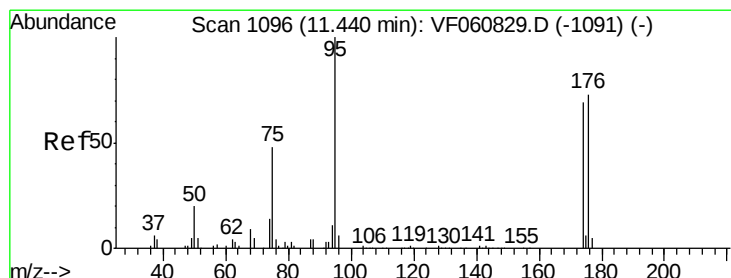
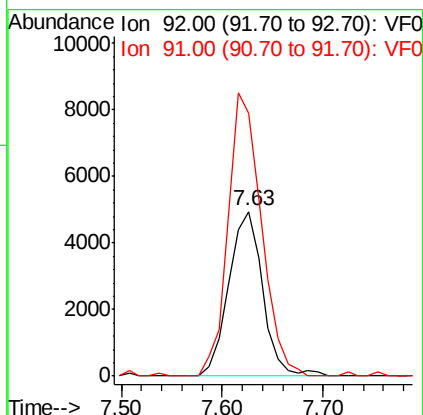
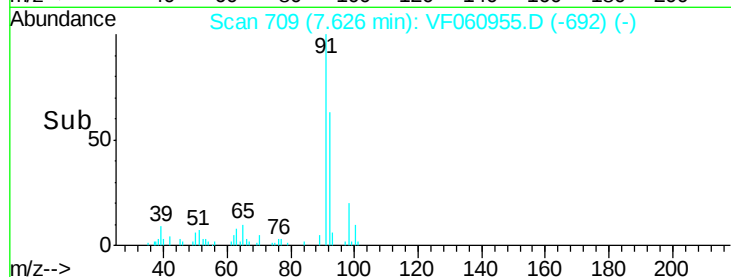
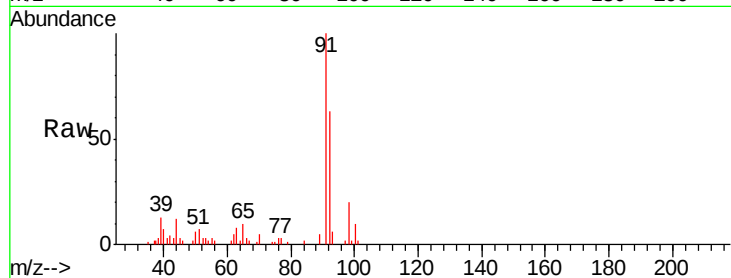
EO-03-120718-A

Tgt Ion: 92 Resp: 11549

Ion Ratio Lower Upper

92 100

91 159.9 126.2 189.2



#62

4-Bromofluorobenzene

Concen: 36.919 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.04 min

Lab File: VF060955.D

Acq: 10 Dec 2018 15:56

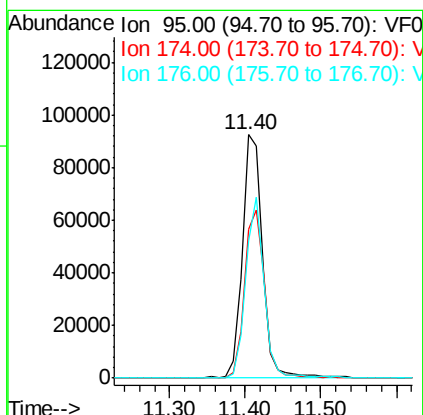
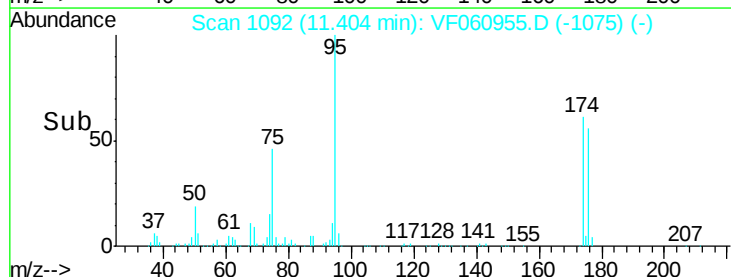
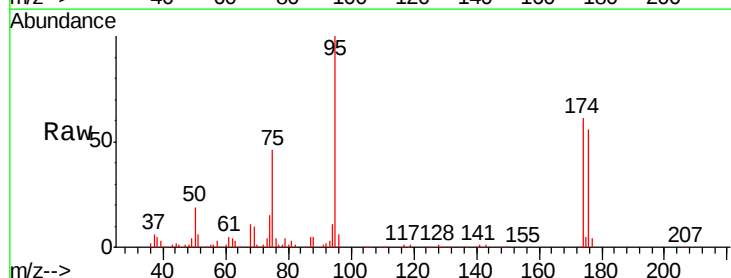
Tgt Ion: 95 Resp: 169361

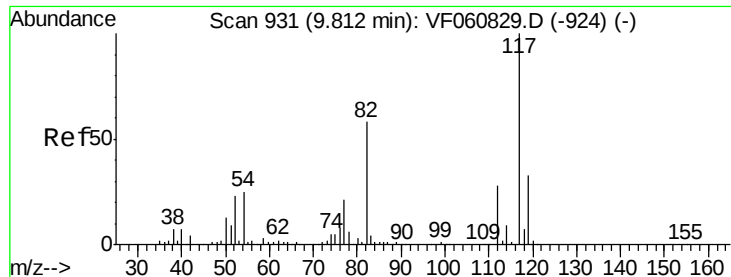
Ion Ratio Lower Upper

95 100

174 60.9 0.0 138.2

176 56.3 0.0 146.2

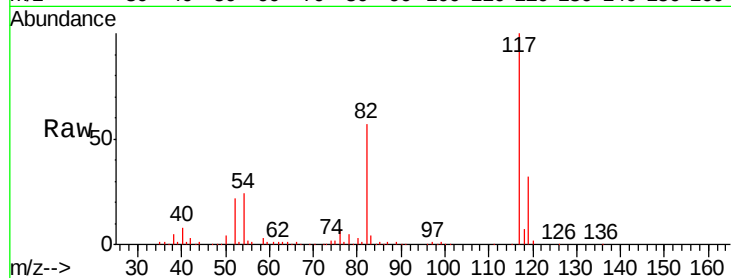




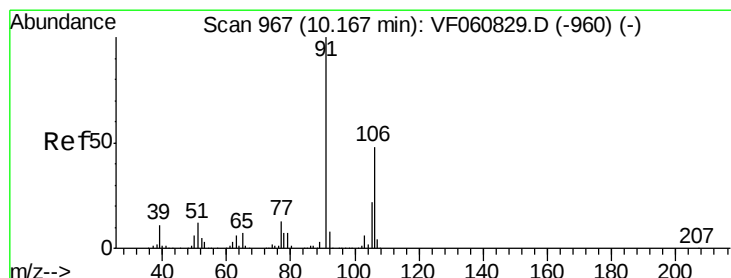
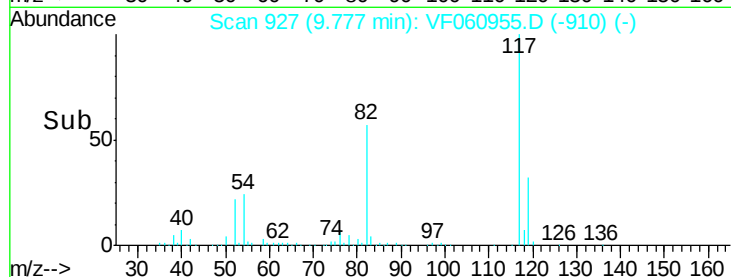
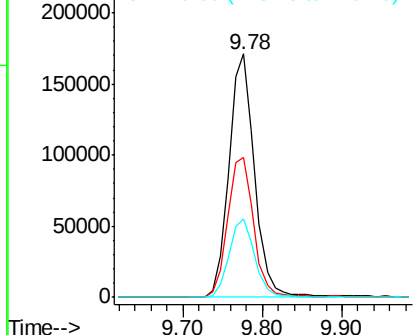
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Instrument :
MSVOA_F
ClientSampleId :
EO-03-120718-A

Tgt Ion:117 Resp: 385659
Ion Ratio Lower Upper
117 100
82 57.3 46.6 69.8
119 32.2 26.4 39.6

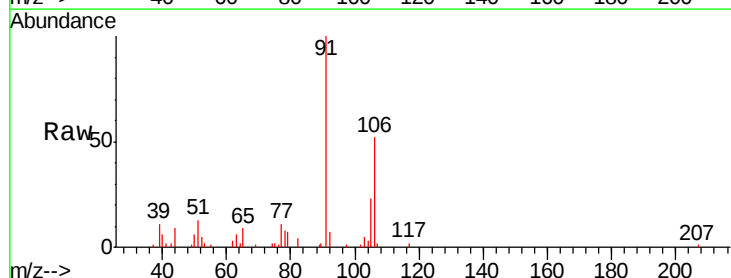


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

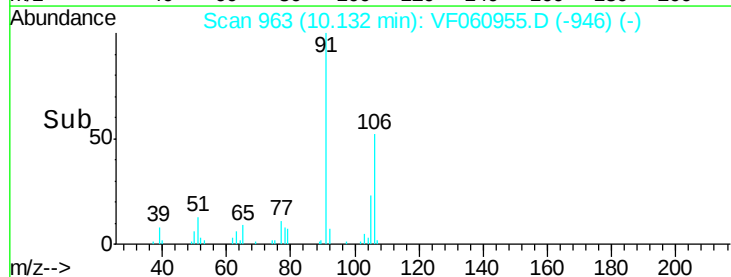
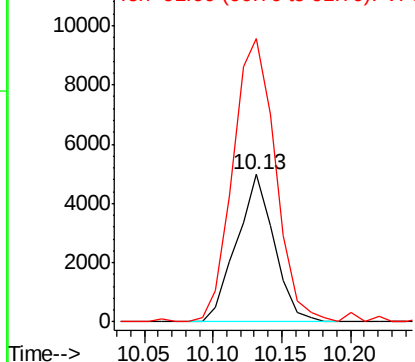


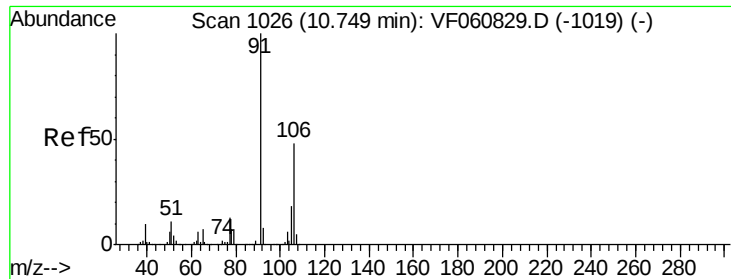
#68
m/p-Xylenes
Concen: 1.886 ug/l
RT: 10.13 min Scan# 963
Delta R.T. -0.04 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Tgt Ion:106 Resp: 9476
Ion Ratio Lower Upper
106 100
91 192.2 166.7 250.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

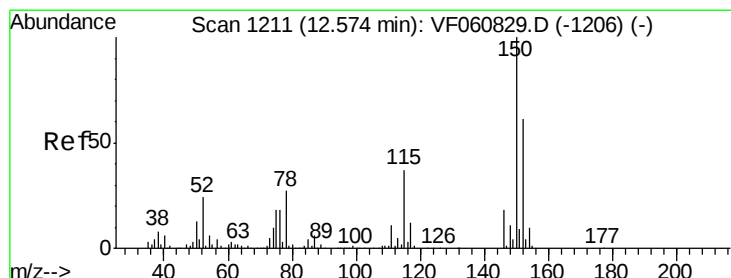
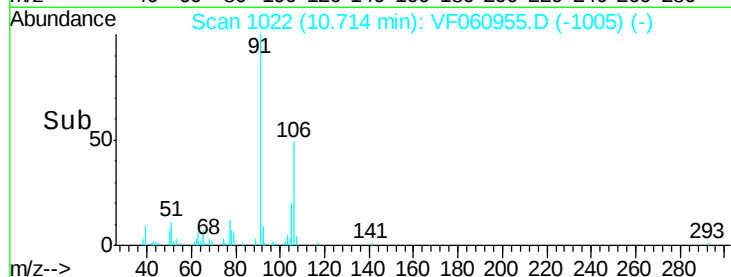
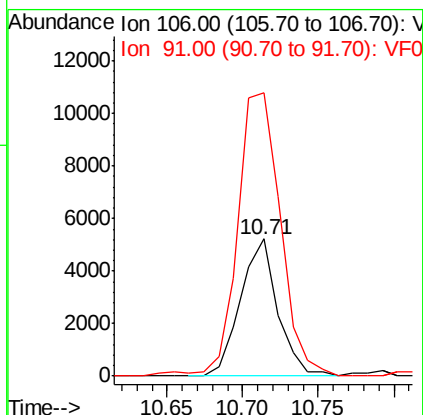
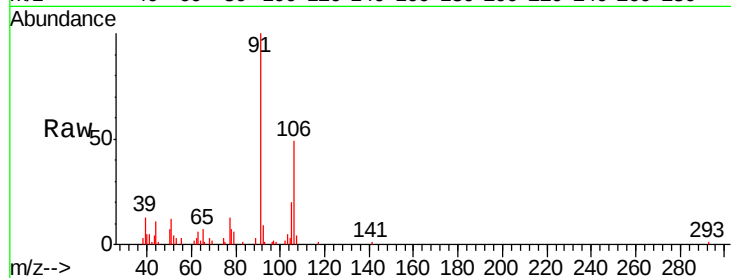




#69
o-Xylene
Concen: 1.622 ug/l
RT: 10.71 min Scan# 1022
Delta R.T. -0.04 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

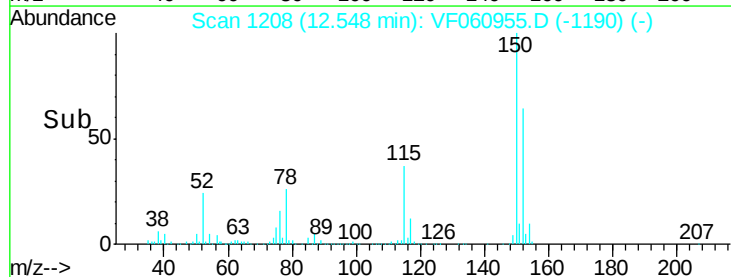
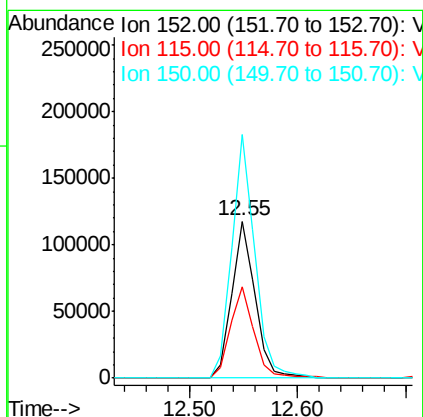
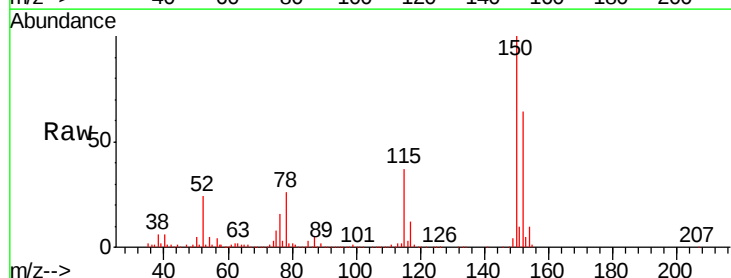
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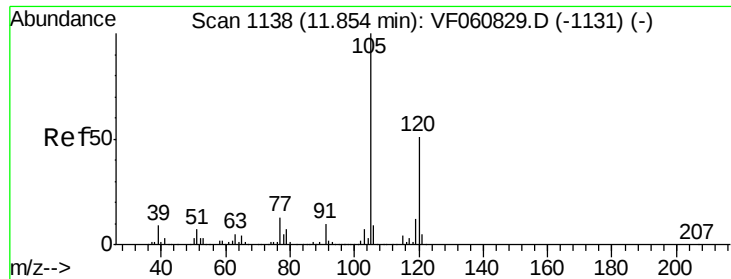
Tgt Ion:106 Resp: 8985
Ion Ratio Lower Upper
106 100
91 206.1 104.8 314.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF060955.D
Acq: 10 Dec 2018 15:56

Tgt Ion:152 Resp: 178161
Ion Ratio Lower Upper
152 100
115 58.0 30.1 90.5
150 155.5 0.0 327.6

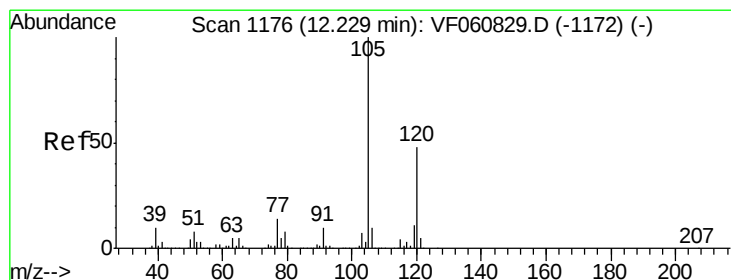
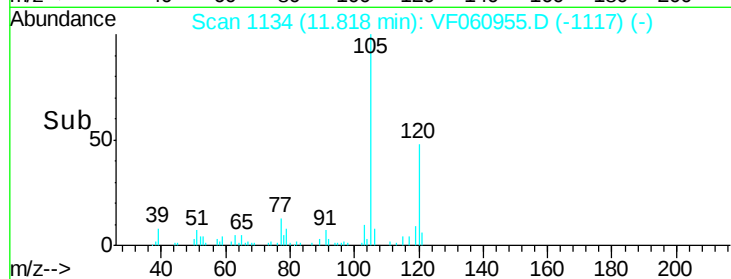
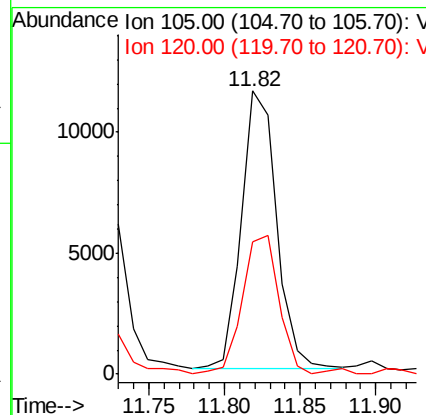
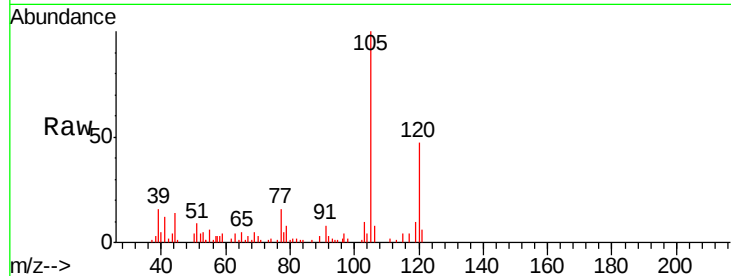




#80
 1,3,5-Trimethylbenzene
 Concen: 1.615 ug/l
 RT: 11.82 min Scan# 1134
 Delta R.T. -0.04 min
 Lab File: VF060955.D
 Acq: 10 Dec 2018 15:56

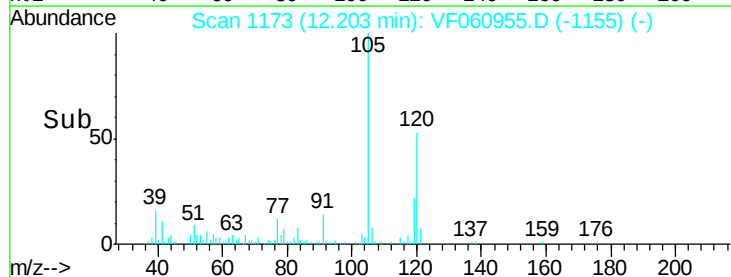
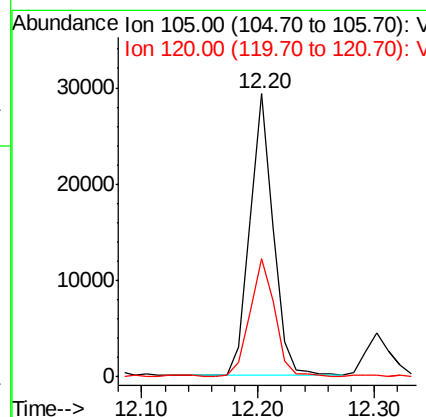
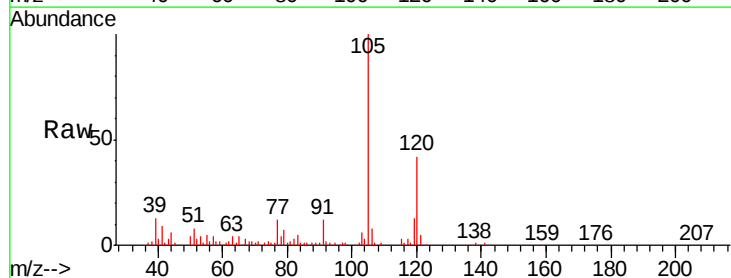
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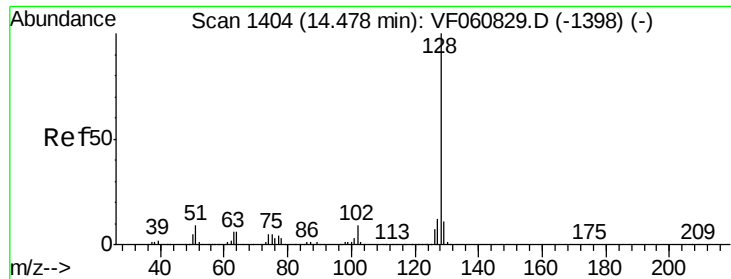
Tgt Ion:105 Resp: 18457
 Ion Ratio Lower Upper
 105 100
 120 46.6 25.8 77.3



#84
 1,2,4-Trimethylbenzene
 Concen: 3.550 ug/l
 RT: 12.20 min Scan# 1173
 Delta R.T. -0.03 min
 Lab File: VF060955.D
 Acq: 10 Dec 2018 15:56

Tgt Ion:105 Resp: 40498
 Ion Ratio Lower Upper
 105 100
 120 41.6 23.8 71.5





#95
 Naphthalene
 Concen: 7.504 ug/l
 RT: 14.45 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: VF060955.D
 Acq: 10 Dec 2018 15:56

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-03-120718-A

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.8	9.9	14.9
129	13.4	9.1	13.7

