

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111918\
 Data File : VF060789.D
 Acq On : 19 Nov 2018 21:27
 Operator : VA/AP
 Sample : J5950-07
 Misc : 6.24u/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2

Manual Integrations
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Quant Time: Nov 20 03:11:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	150796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	256945	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	231694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	119840	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	93342	54.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.54%	
35) Dibromofluoromethane	4.12	113	109226	56.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.10%	
50) Toluene-d8	7.56	98	264186	53.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.14%	
62) 4-Bromofluorobenzene	11.42	95	130096	57.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.06%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.20	84	5110m	1.401	ug/l	
67) Ethyl Benzene	9.91	91	19069	2.164	ug/l	91
78) n-propylbenzene	11.60	91	16571	1.473	ug/l	96
80) 1,3,5-Trimethylbenzene	11.84	105	18803	2.455	ug/l	94
84) 1,2,4-Trimethylbenzene	12.21	105	18079	2.283	ug/l	96
95) Naphthalene	14.46	128	56399	11.430	ug/l	99

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

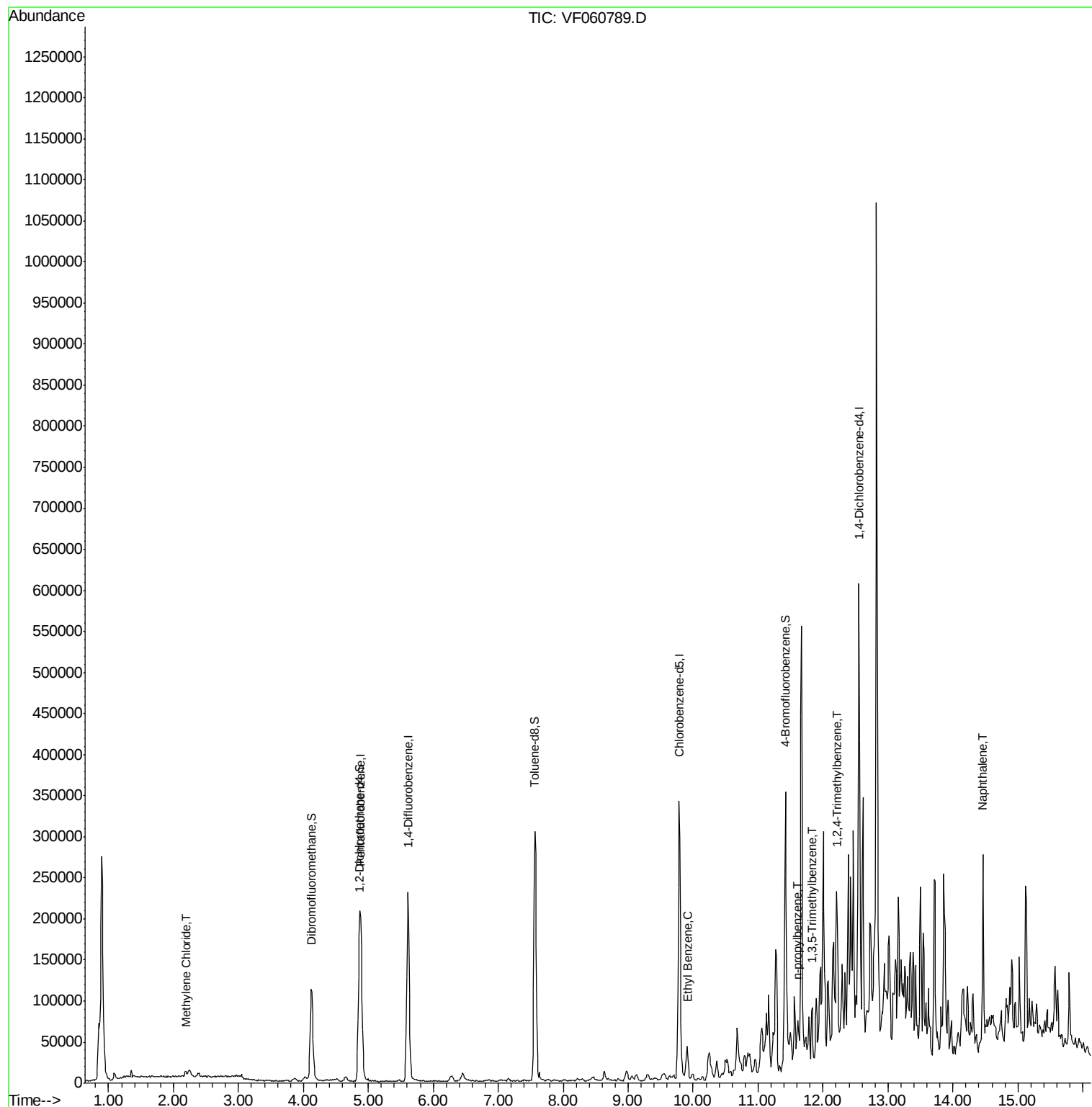
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF111918\
Data File : VF060789.D
Acq On : 19 Nov 2018 21:27
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ClientSampleId :
SSI-21-TW-2

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Quant Time: Nov 20 03:11:03 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.01 min

Lab File: VF060789.D

Acq: 19 Nov 2018 21:27

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

Tot Ion:168 Resp: 150796

Ion Ratio Lower Upper

168 100

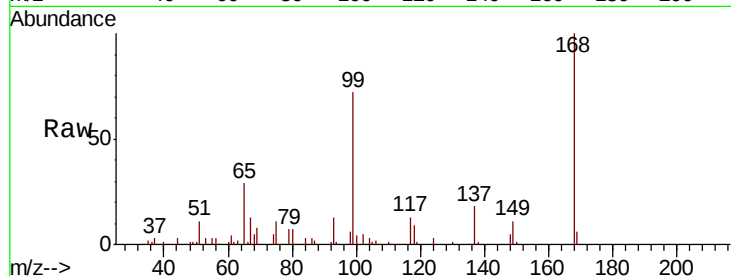
99 72.0 57.2 85.8

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

50000

40000

30000

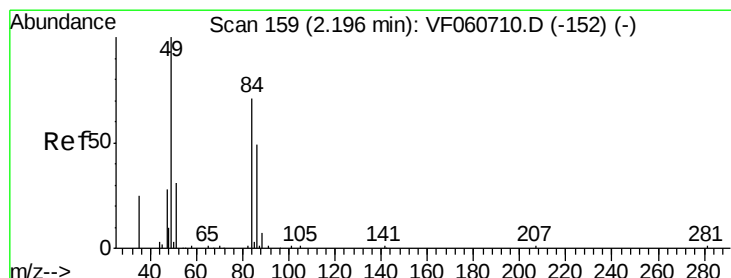
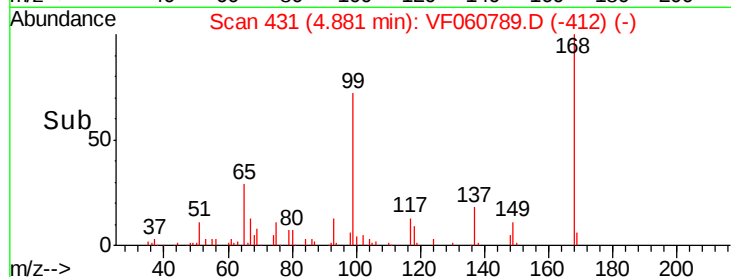
20000

10000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#20

Methylene Chloride

Concen: 1.401 ug/l m

RT: 2.20 min Scan# 159

Delta R.T. 0.00 min

Lab File: VF060789.D

Acq: 19 Nov 2018 21:27

Tgt Ion: 84 Resp: 5110

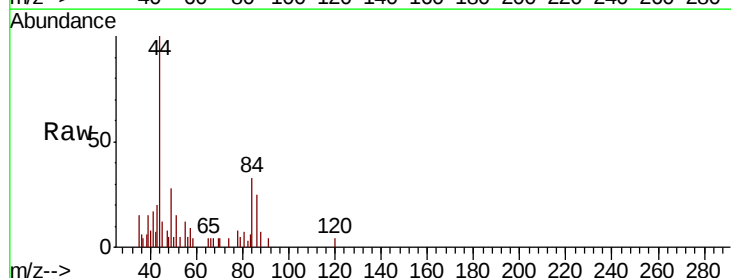
Ion Ratio Lower Upper

84 100

49 85.4 120.2 180.4#

51 44.6 37.2 55.8

86 74.7 55.1 82.7



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

2500

2000

1500

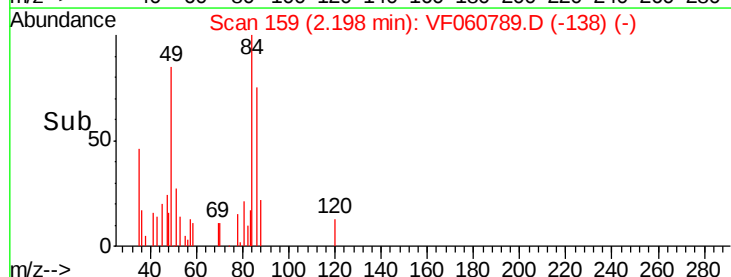
1000

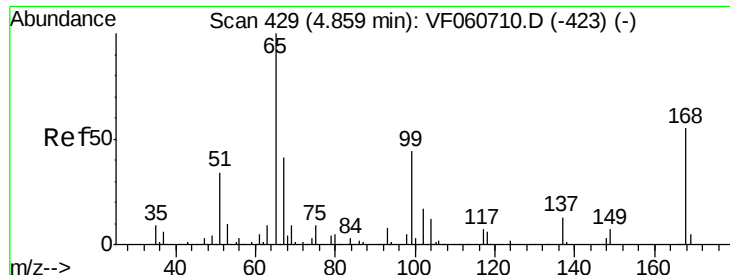
500

0

Time-->

2.10 2.20 2.30





#33

1,2-Dichloroethane-d4

Concen: 54.268 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF060789.D

Acq: 19 Nov 2018 21:27

Instrument :

MSVOA_F

ClientSampleId :

SSI-21-TW-2

Tot Ion: 65 Resp: 93342

Ion Ratio Lower Upper

65 100

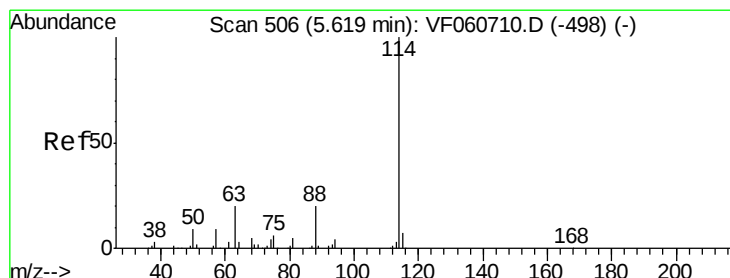
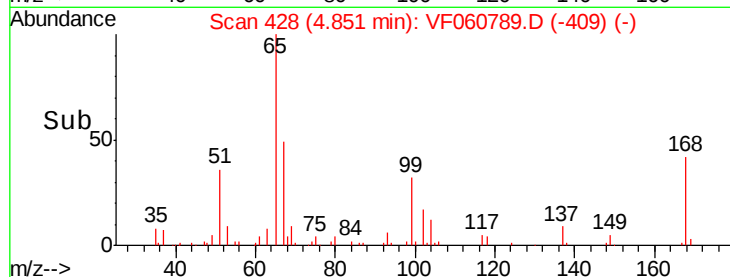
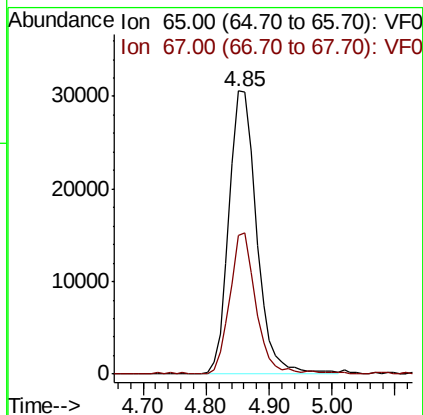
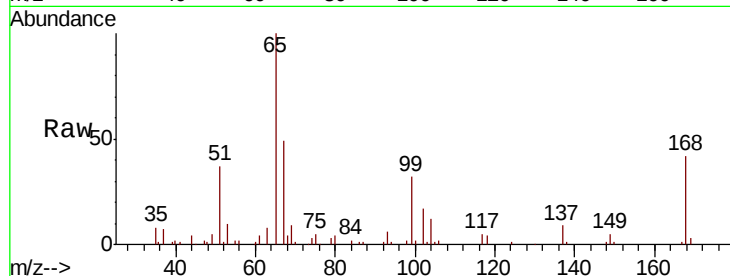
67 49.2 0.0 90.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. -0.01 min

Lab File: VF060789.D

Acq: 19 Nov 2018 21:27

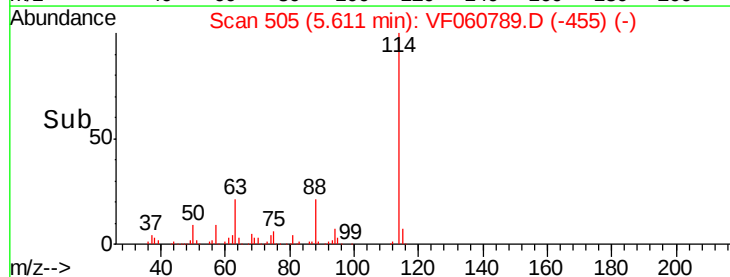
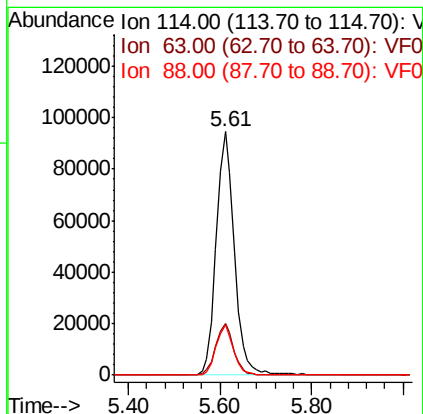
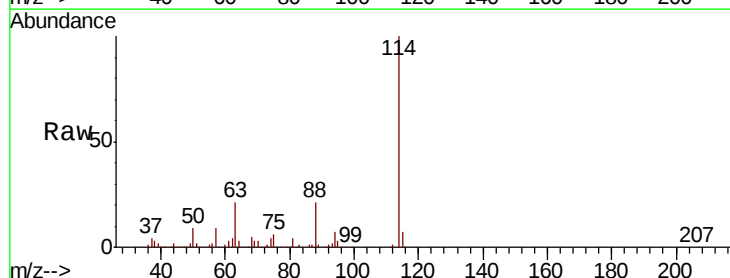
Tgt Ion: 114 Resp: 256945

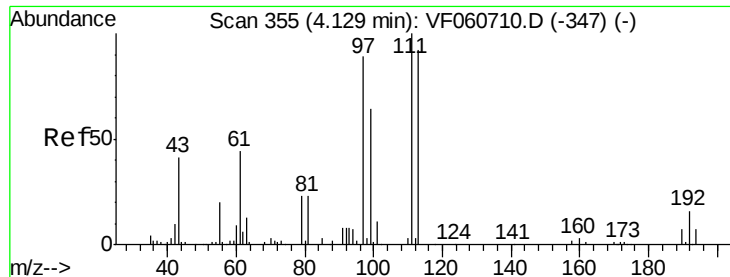
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.8

88 20.6 0.0 39.6





#35

Dibromofluoromethane

Concen: 56.552 ug/l

RT: 4.12 min Scan# 354

Delta R.T. -0.01 min

Lab File: VF060789.D

Acq: 19 Nov 2018 21:27

Instrument :

MSVOA_F

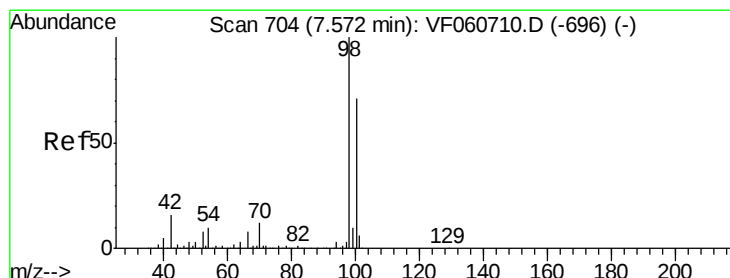
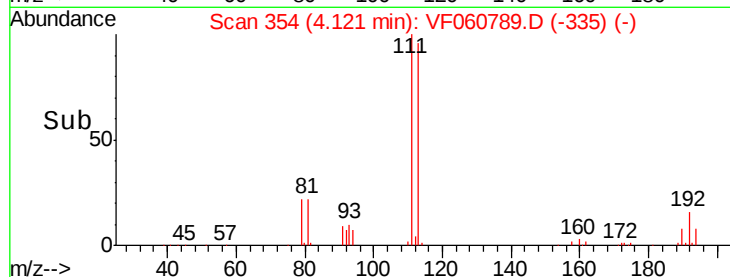
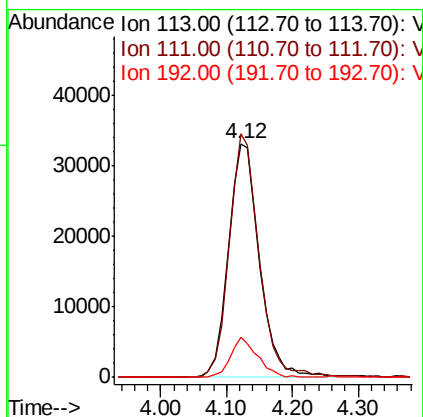
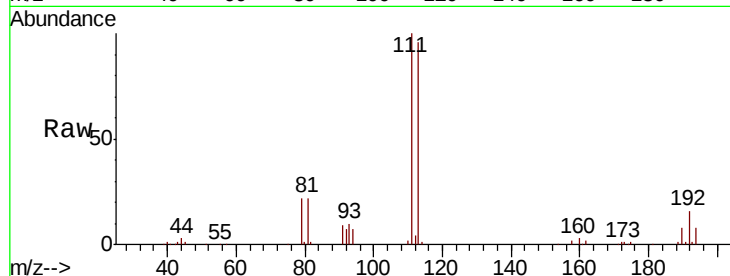
ClientSampleId :

SSI-21-TW-2

Tot Ion:	113	Resp:	109226
Ion Ratio	Lower	Upper	
113	100		
111	104.2	87.1	130.7
192	17.0	13.8	20.6

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#50

Toluene-d8

Concen: 53.565 ug/l

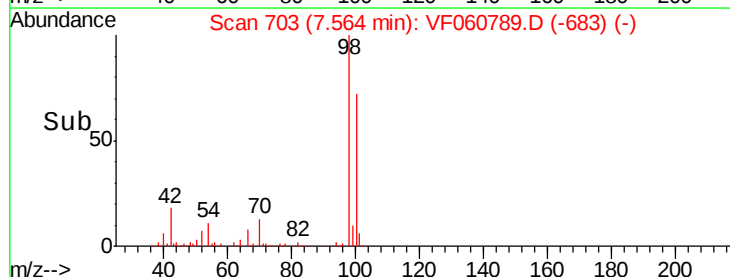
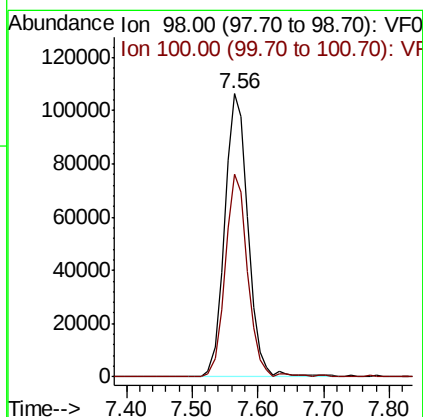
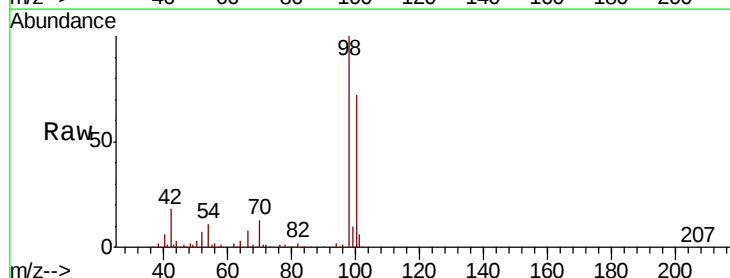
RT: 7.56 min Scan# 703

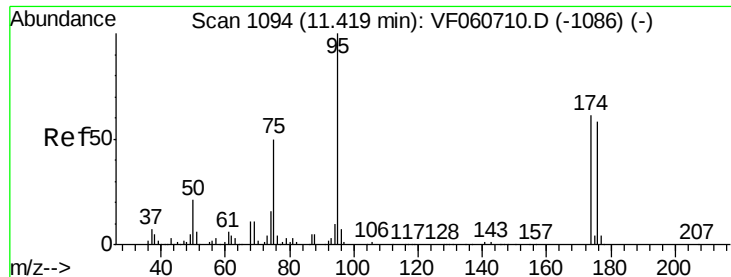
Delta R.T. -0.01 min

Lab File: VF060789.D

Acq: 19 Nov 2018 21:27

Tgt Ion:	98	Resp:	264186
Ion Ratio	Lower	Upper	
98	100		
100	71.8	56.5	84.7





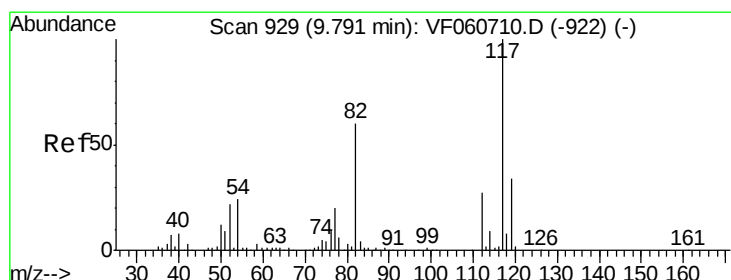
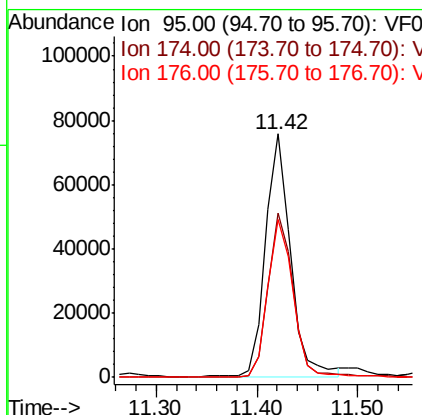
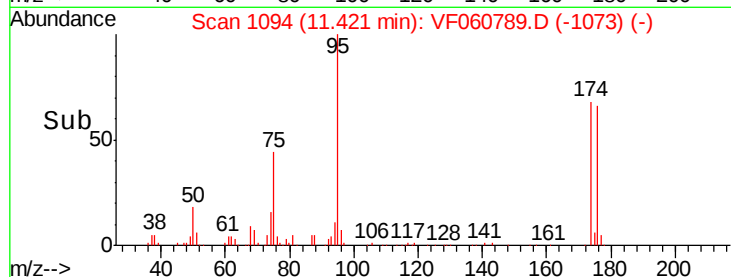
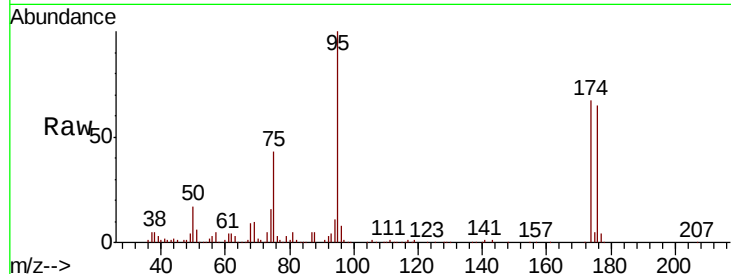
#62
4-Bromofluorobenzene
Concen: 57.528 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060789.D
Acq: 19 Nov 2018 21:27

Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2

Tot Ion	Ratio	Resp	Lower	Upper
95	100	130096		
174	67.3	0.0	121.6	
176	65.0	0.0	115.2	

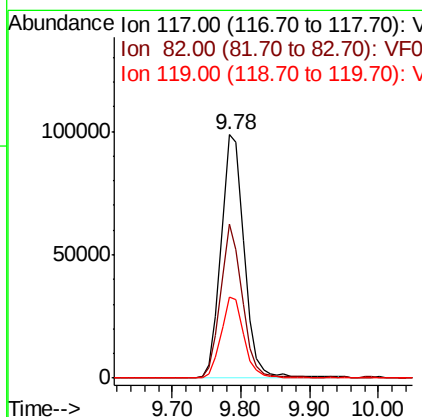
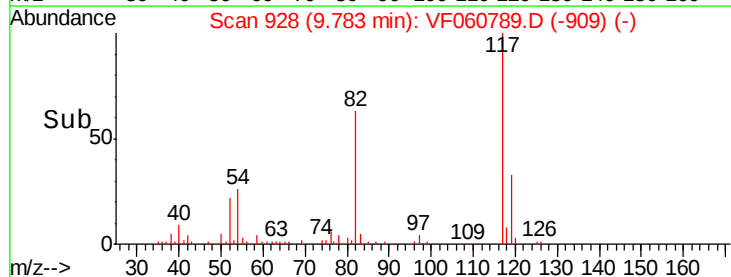
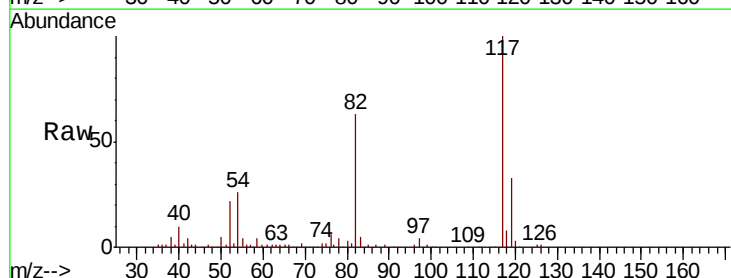
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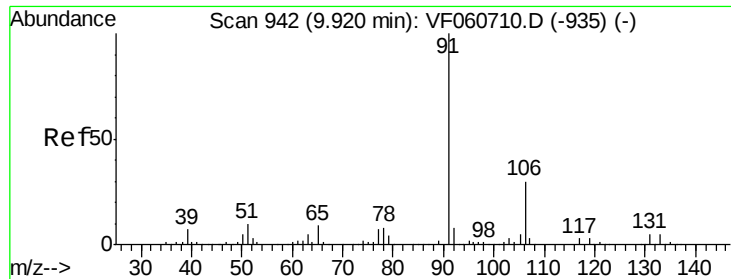
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF060789.D
Acq: 19 Nov 2018 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	231694		
82	63.4	47.9	71.9	
119	33.2	26.8	40.2	





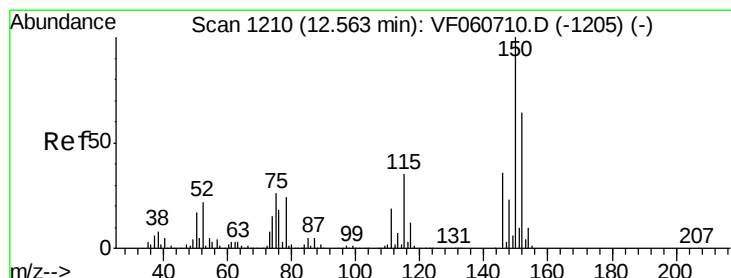
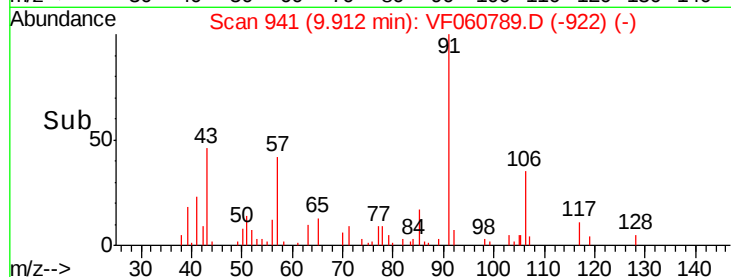
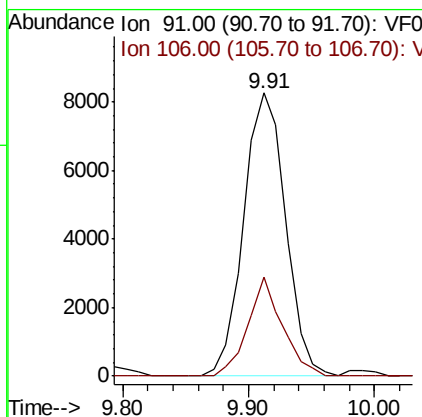
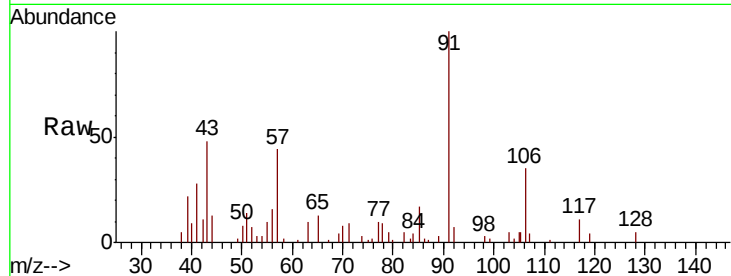
#67
Ethyl Benzene
Concen: 2.164 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060789.D
Acq: 19 Nov 2018 21:27

Instrument :
MSVOA_F
ClientSampleId :
SSI-21-TW-2

Tot Ion: 91 Resp: 19069
Ion Ratio Lower Upper
91 100
106 34.8 23.9 35.9

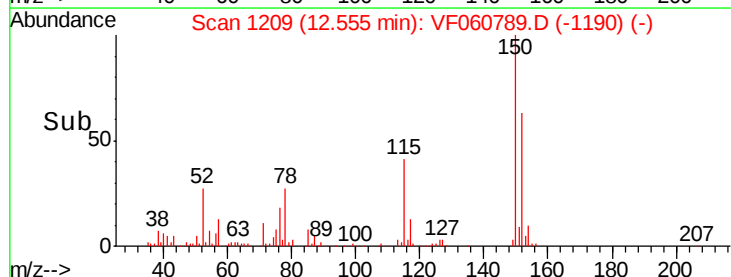
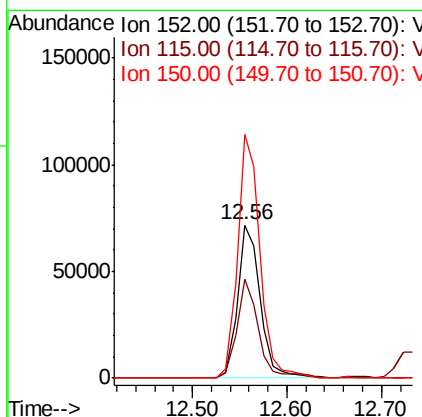
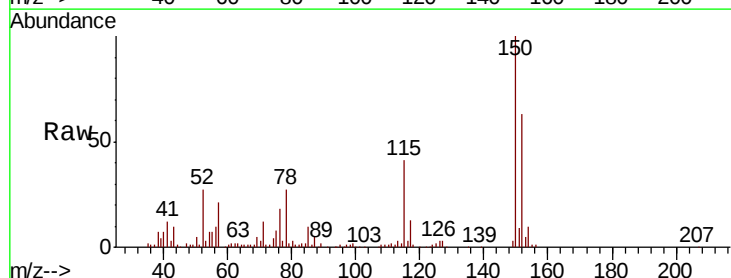
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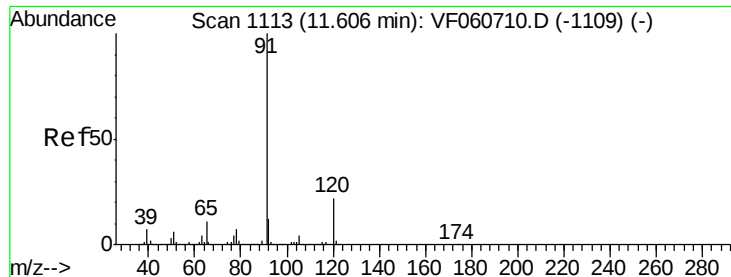
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF060789.D
Acq: 19 Nov 2018 21:27

Tgt Ion: 152 Resp: 119840
Ion Ratio Lower Upper
152 100
115 64.8 27.9 83.7
150 159.1 0.0 316.4





#78

n-propylbenzene

Concen: 1.473 ug/l

RT: 11.60 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF060789.D

Acq: 19 Nov 2018 21:27

Instrument :

MSVOA_F

ClientSampled :

SSI-21-TW-2

Tot Ion: 91 Resp: 16571

Ion Ratio Lower Upper

91 100

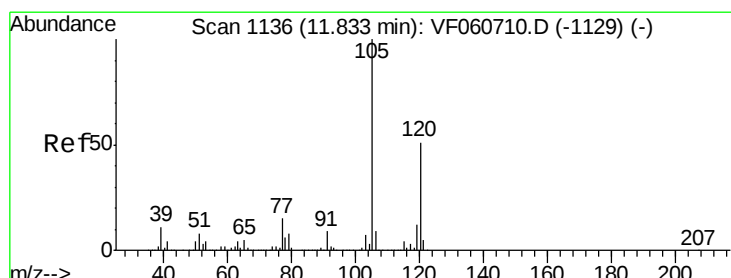
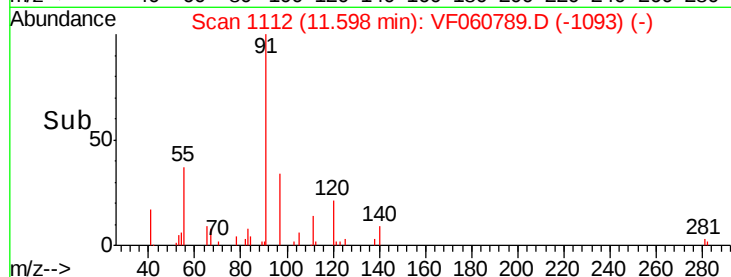
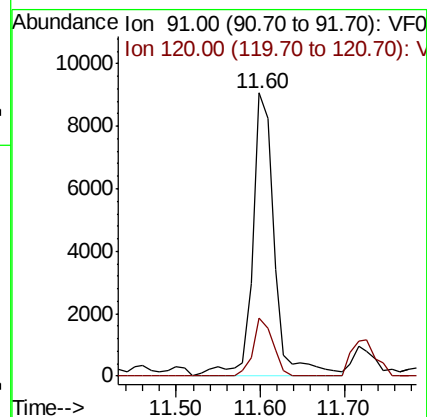
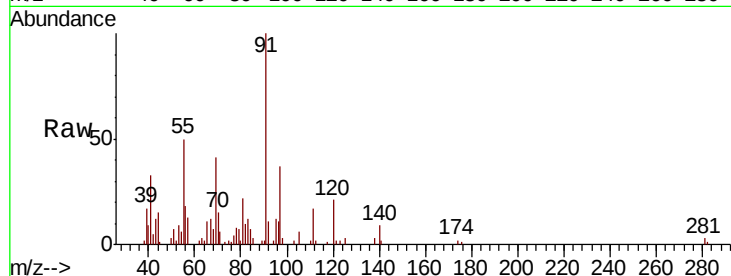
120 20.6 11.2 33.5

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#80

1,3,5-Trimethylbenzene

Concen: 2.455 ug/l

RT: 11.84 min Scan# 1136

Delta R.T. 0.00 min

Lab File: VF060789.D

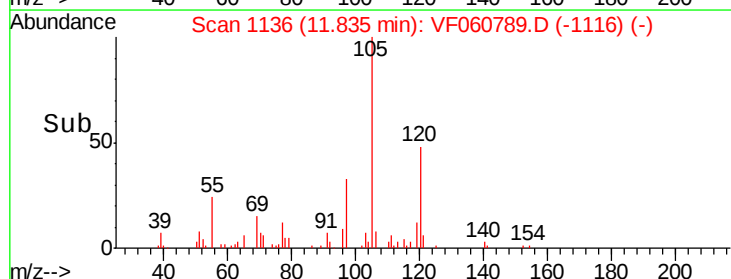
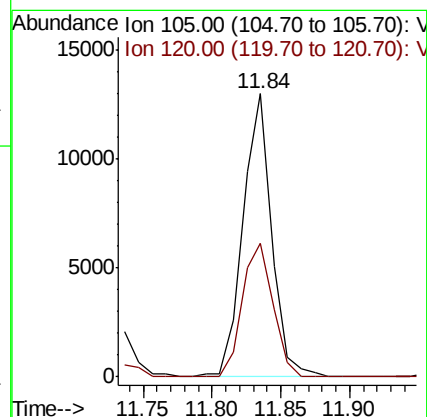
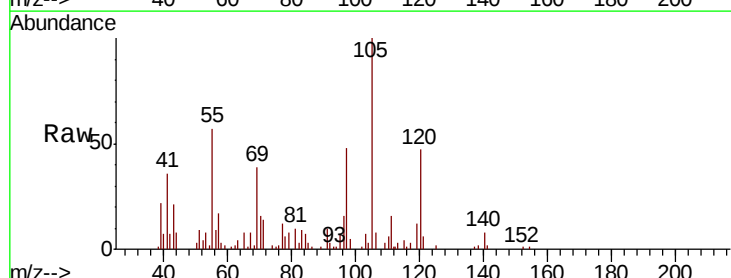
Acq: 19 Nov 2018 21:27

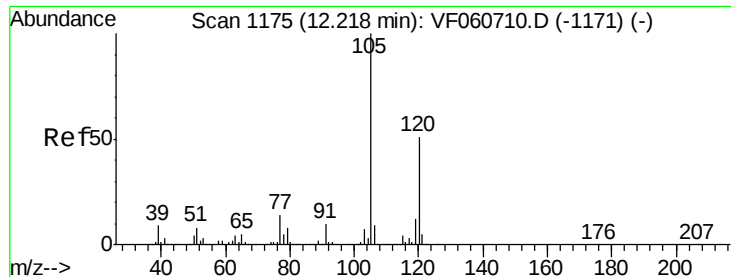
Tgt Ion: 105 Resp: 18803

Ion Ratio Lower Upper

105 100

120 47.2 25.6 76.8





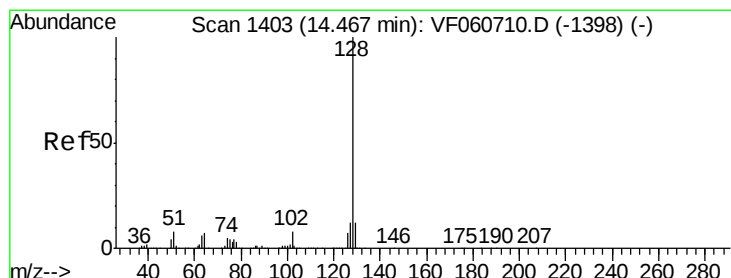
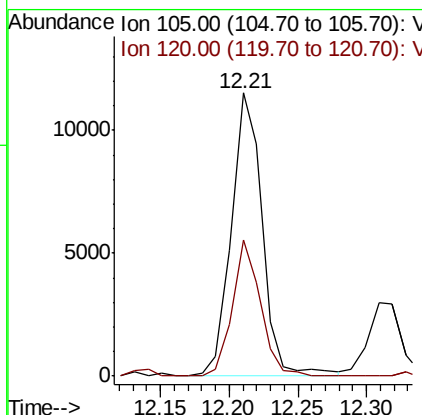
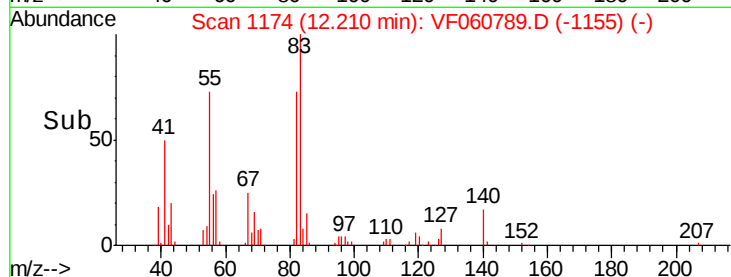
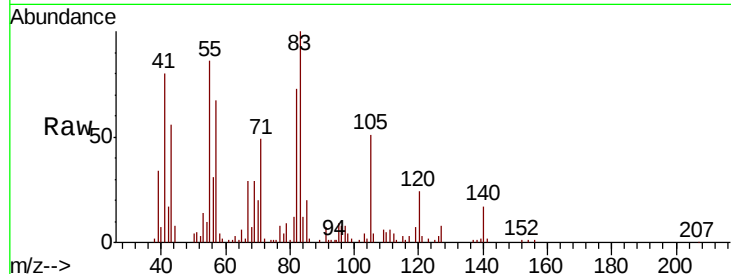
#84
 1,2,4-Trimethylbenzene
 Concen: 2.283 ug/l
 RT: 12.21 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VF060789.D
 Acq: 19 Nov 2018 21:27

Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-21-TW-2

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.0	25.5	76.5

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#95
 Naphthalene
 Concen: 11.430 ug/l
 RT: 14.46 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: VF060789.D
 Acq: 19 Nov 2018 21:27

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.6	9.8	14.6
129	12.0	9.3	13.9

