

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121018\
 Data File : VF060963.D
 Acq On : 10 Dec 2018 19:47
 Operator : VA/AP
 Sample : J6214-31
 Misc : 5.95g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-2(15-17)

Manual Integrations
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Quant Time: Dec 11 06:30:44 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	4.87	168	225357	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.59	114	408729	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	342975	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	132047	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	129178	48.66	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	97.32%	
35) Dibromofluoromethane	4.11	113	140094	43.20	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	86.40%	
50) Toluene-d8	7.55	98	344155	36.03	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	72.06%	
62) 4-Bromofluorobenzene	11.41	95	146587	33.77	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	67.54%	
Target Compounds						
16) Acetone	2.23	43	48231	98.520	ug/l	97
25) 2-Butanone	4.33	43	17600	20.785	ug/l #	85
68) m/p-Xylenes	10.13	106	5498	1.231	ug/l #	63
69) o-Xylene	10.71	106	6049	1.228	ug/l	54
84) 1,2,4-Trimethylbenzene	12.20	105	164658	19.476	ug/l	96
95) Naphthalene	14.46	128	51196	6.088	ug/l	98

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

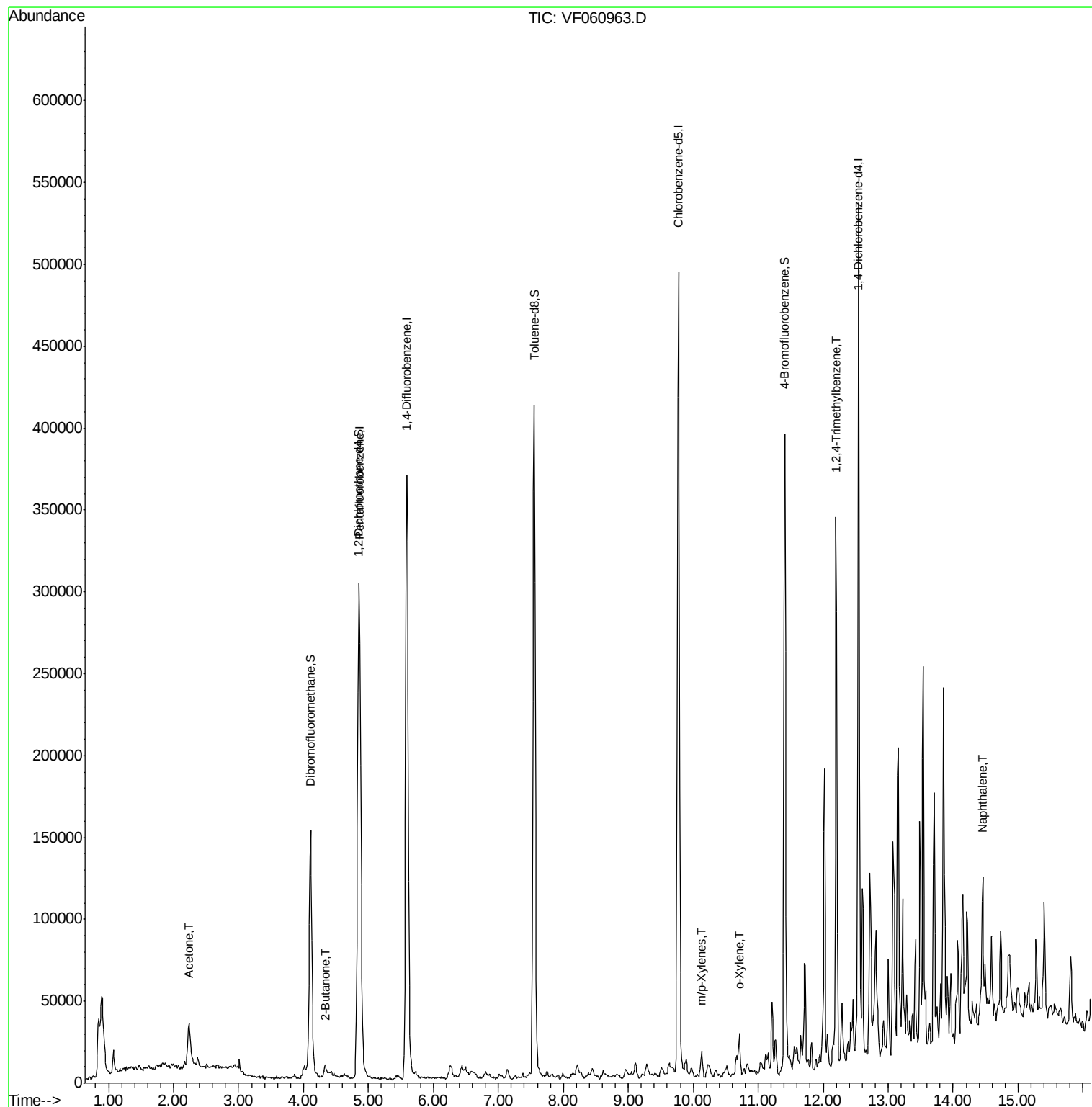
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF121018\
Data File : VF060963.D
Acq On : 10 Dec 2018 19:47
Operator : VA/AP
Sample : J6214-31
Misc : 5.95g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

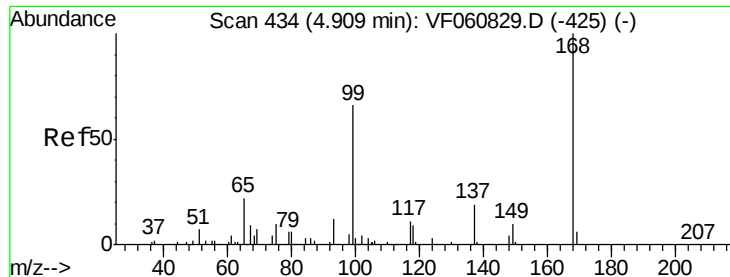
Instrument :
MSVOA_F
ClientSampleId :
SB-2(15-17)

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Quant Time: Dec 11 06:30:44 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.04 min

Lab File: VF060963.D

Acq: 10 Dec 2018 19:47

Instrument :

MSVOA_F

ClientSampleId :

SB-2(15-17)

Tgt Ion: 168 Resp: 225357

Ion Ratio Lower Upper

168 100

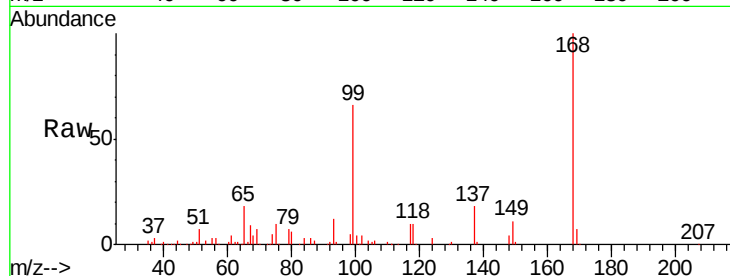
99 66.2 52.6 79.0

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

80000

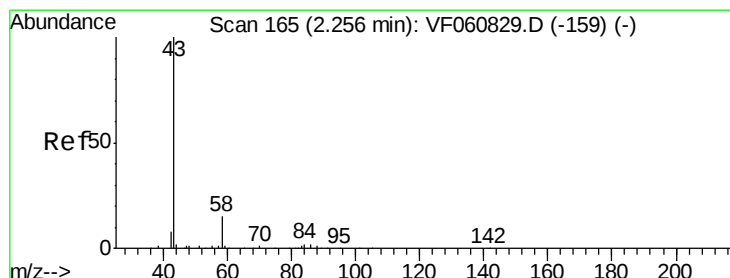
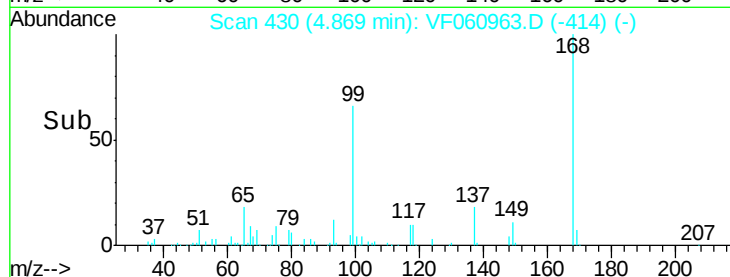
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 98.520 ug/l

RT: 2.23 min Scan# 163

Delta R.T. -0.02 min

Lab File: VF060963.D

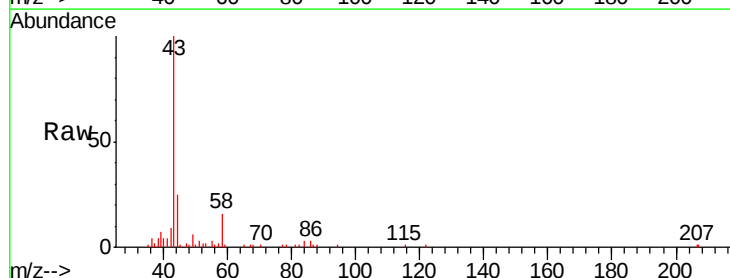
Acq: 10 Dec 2018 19:47

Tgt Ion: 43 Resp: 48231

Ion Ratio Lower Upper

43 100

58 15.5 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

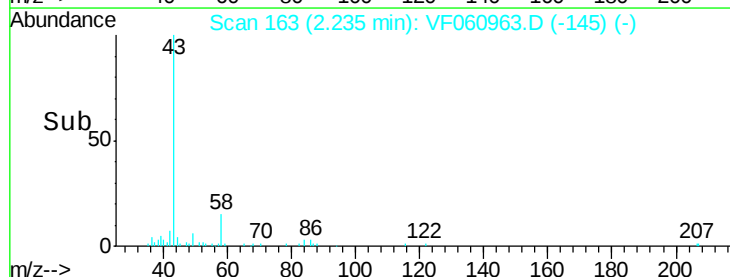
15000

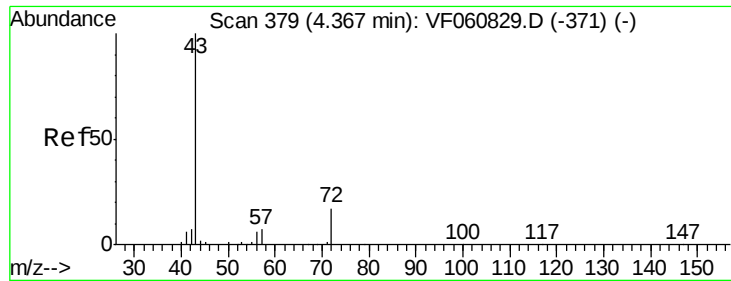
10000

5000

0

Time-->





#25

2-Butanone

Concen: 20.785 ug/l

RT: 4.33 min Scan# 375

Delta R.T. -0.04 min

Lab File: VF060963.D

Acq: 10 Dec 2018 19:47

Instrument :

MSVOA_F

ClientSampleId :

SB-2(15-17)

Tgt Ion: 43 Resp: 17600

Ion Ratio Lower Upper

43 100

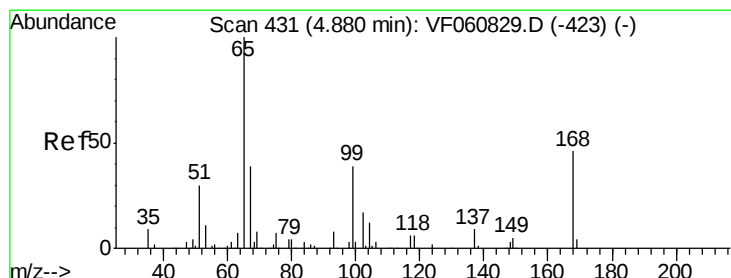
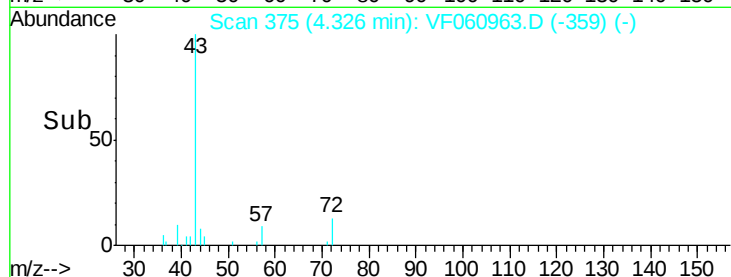
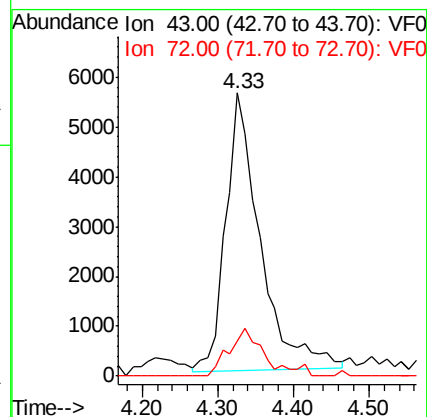
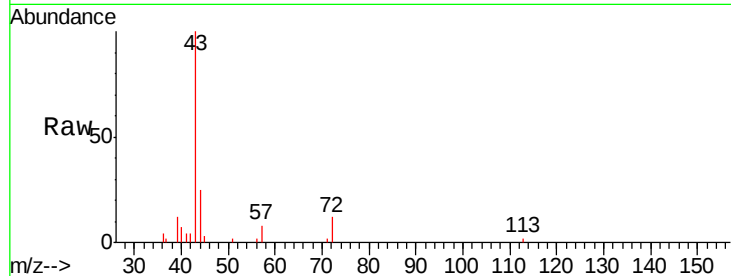
72 12.3 15.4 23.2#

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#33

1,2-Dichloroethane-d4

Concen: 48.659 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.04 min

Lab File: VF060963.D

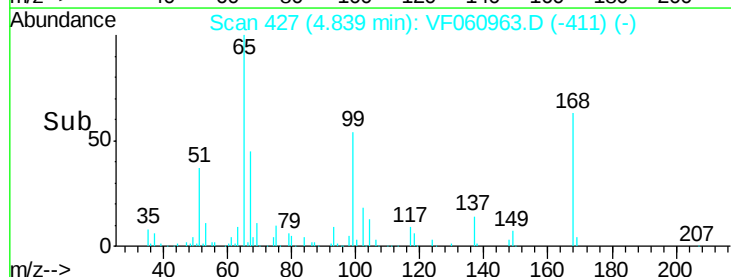
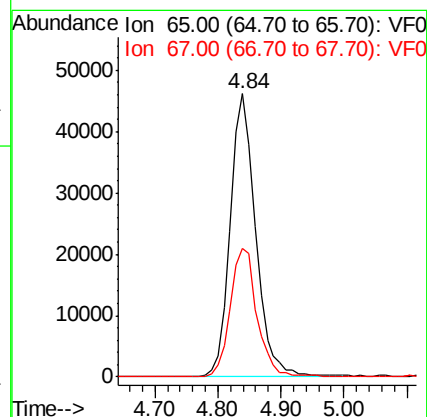
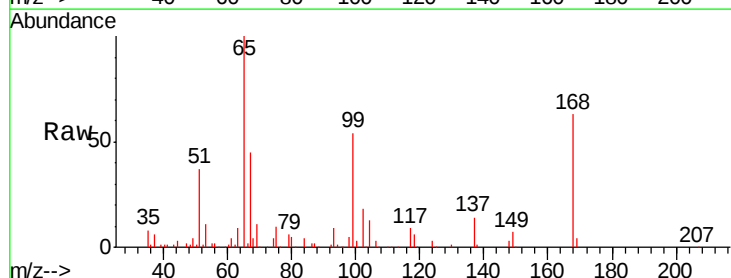
Acq: 10 Dec 2018 19:47

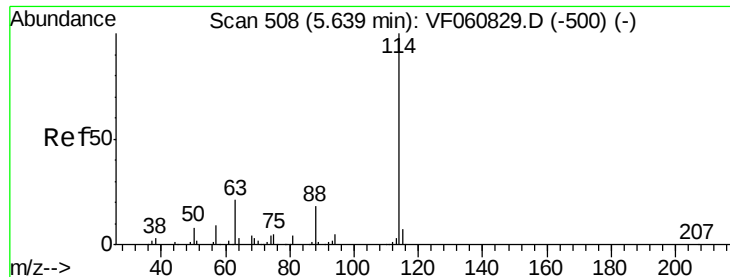
Tgt Ion: 65 Resp: 129178

Ion Ratio Lower Upper

65 100

67 45.2 0.0 96.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.05 min

Lab File: VF060963.D

Acq: 10 Dec 2018 19:47

Instrument :

MSVOA_F

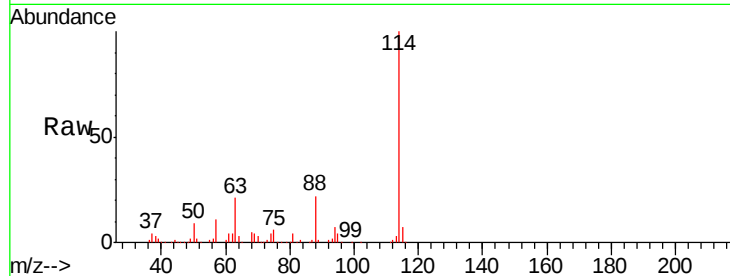
ClientSampleId :

SB-2(15-17)

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	408729		
63	21.4	0.0	41.6	
88	21.9	0.0	36.6	

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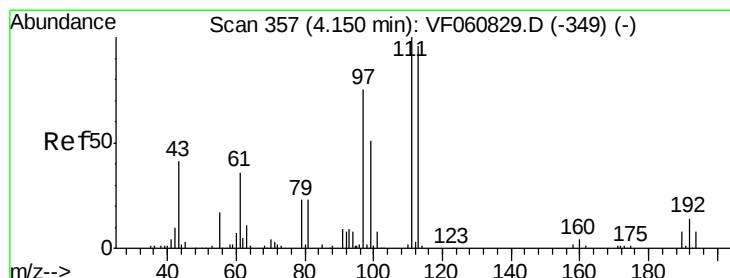
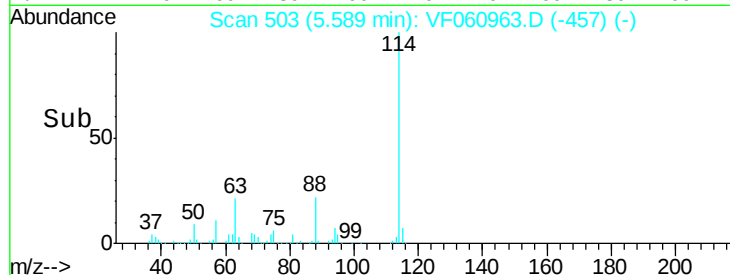
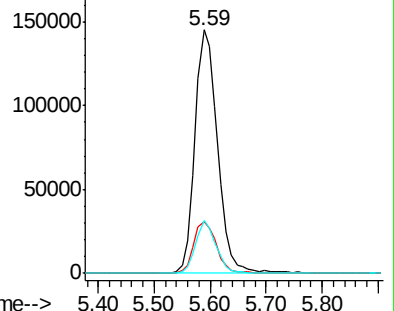
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 43.205 ug/l

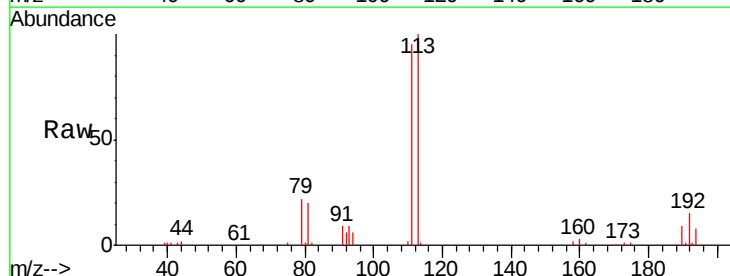
RT: 4.11 min Scan# 353

Delta R.T. -0.04 min

Lab File: VF060963.D

Acq: 10 Dec 2018 19:47

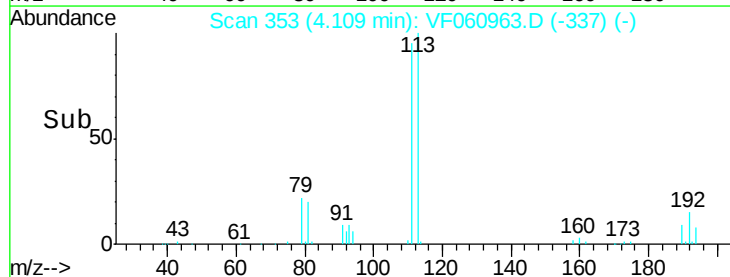
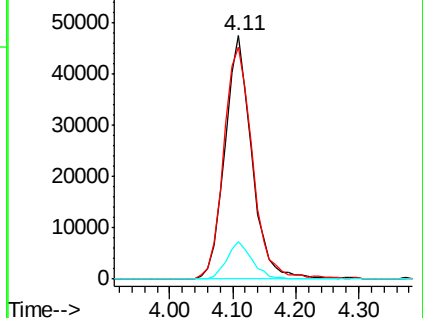
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	140094		
111	95.4	83.0	124.6	
192	15.9	12.3	18.5	

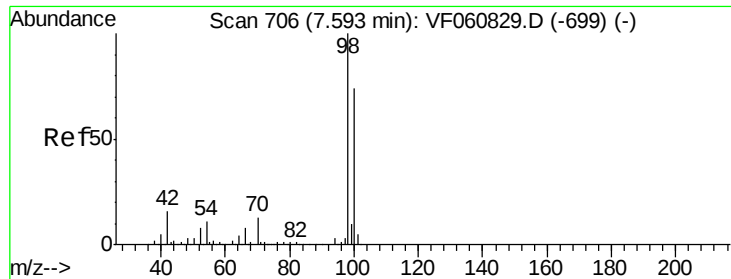


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 36.031 ug/l

RT: 7.55 min Scan# 702

Delta R.T. -0.04 min

Lab File: VF060963.D

Acq: 10 Dec 2018 19:47

Instrument :

MSVOA_F

ClientSampleId :

SB-2(15-17)

Tgt Ion: 98 Resp: 344155

Ion Ratio Lower Upper

98 100

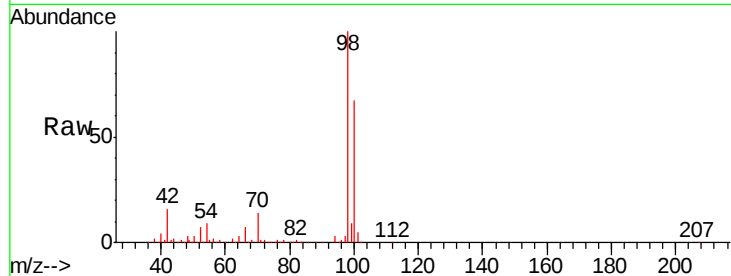
100 67.3 59.3 88.9

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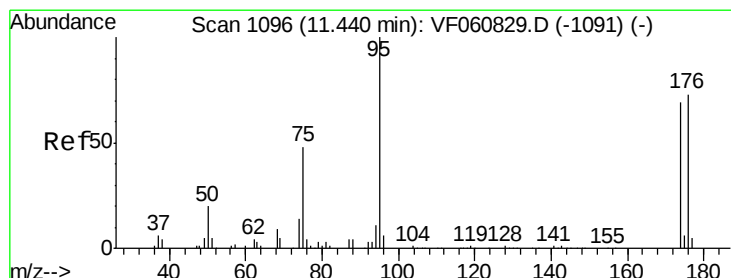
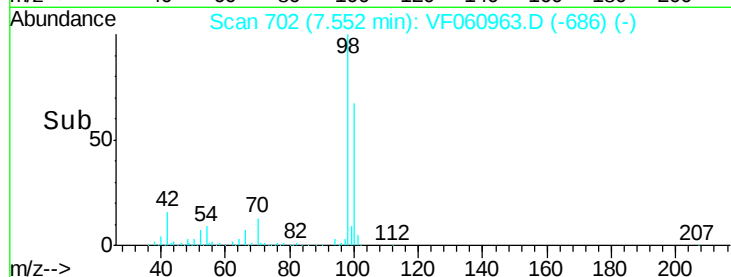
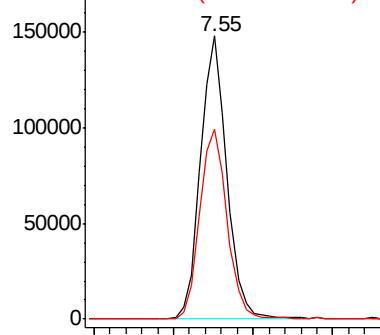
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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 33.768 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.03 min

Lab File: VF060963.D

Acq: 10 Dec 2018 19:47

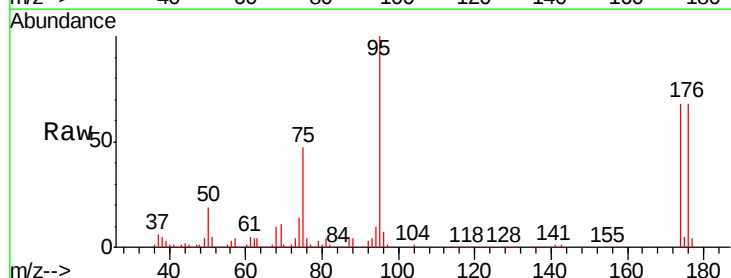
Tgt Ion: 95 Resp: 146587

Ion Ratio Lower Upper

95 100

174 68.0 0.0 138.2

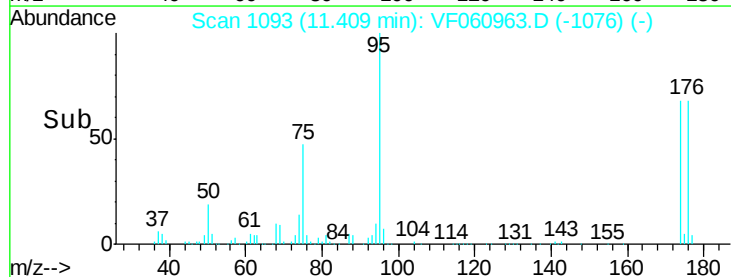
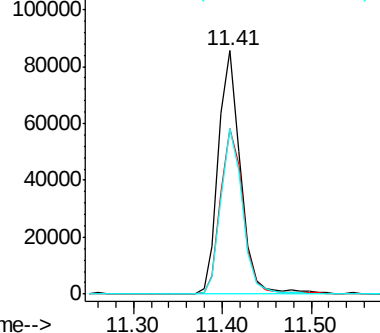
176 67.9 0.0 146.2

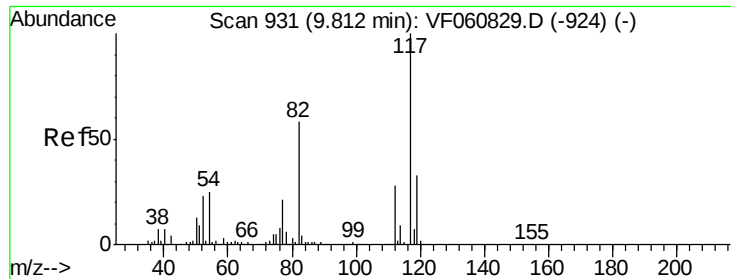


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





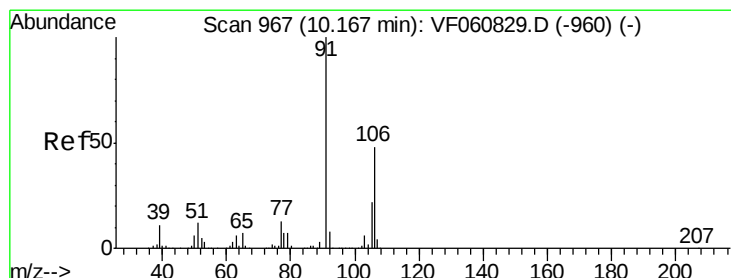
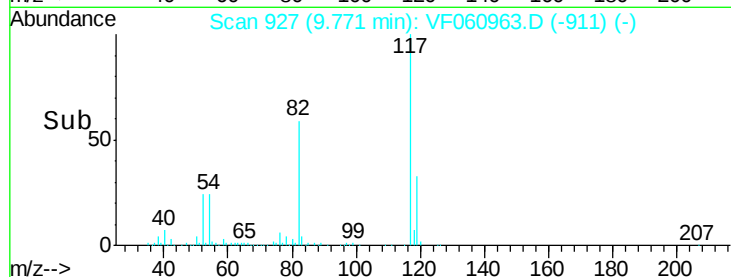
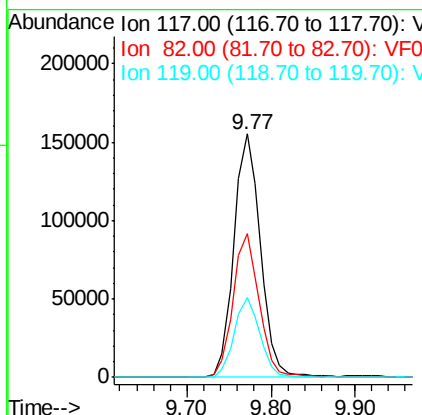
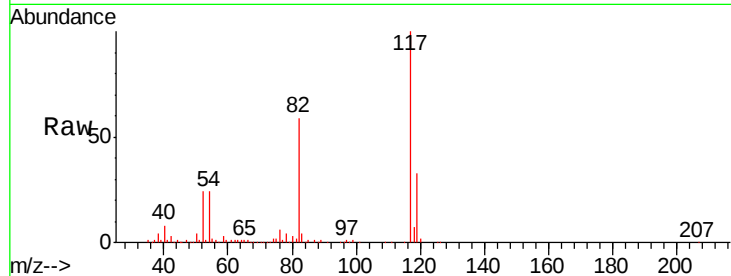
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060963.D
Acq: 10 Dec 2018 19:47

Instrument :
MSVOA_F
ClientSampleId :
SB-2(15-17)

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	342975		
82	58.9	46.6	69.8	
119	32.9	26.4	39.6	

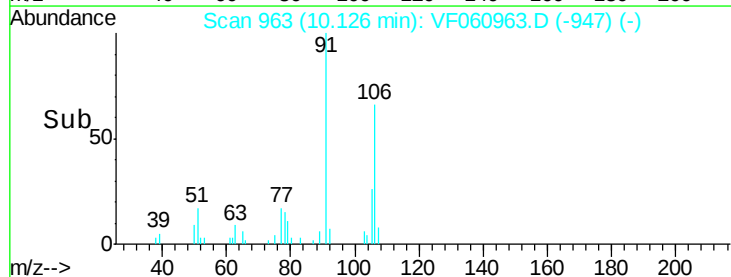
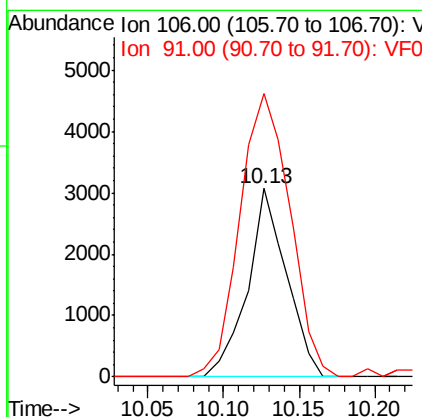
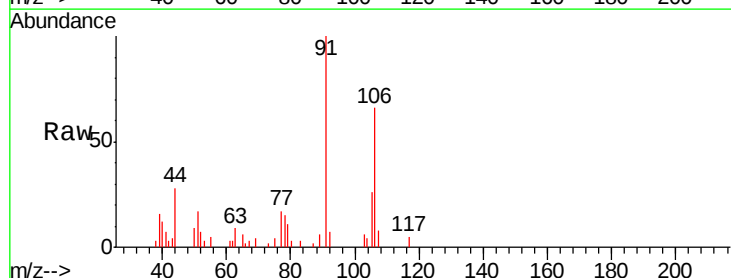
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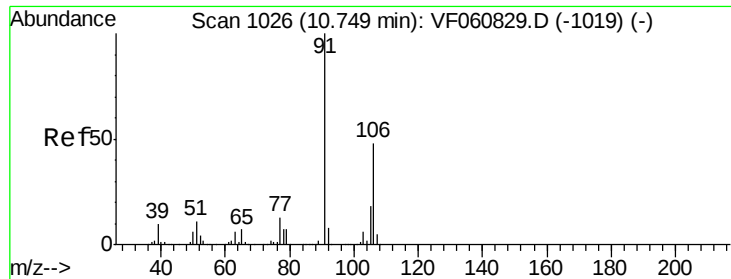
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#68
m/p-Xylenes
Concen: 1.231 ug/l
RT: 10.13 min Scan# 963
Delta R.T. -0.04 min
Lab File: VF060963.D
Acq: 10 Dec 2018 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	5498		
91	150.5	166.7	250.1#	





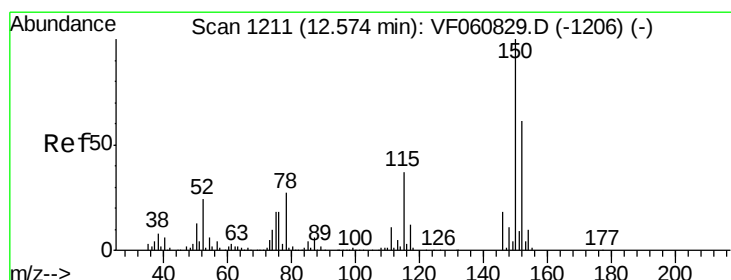
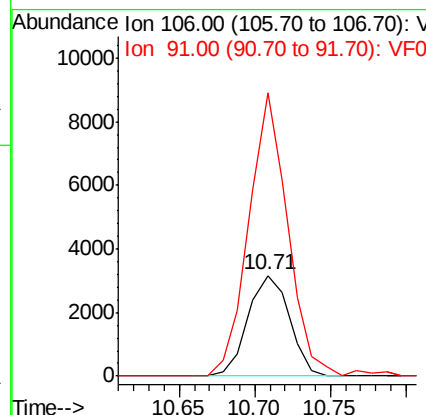
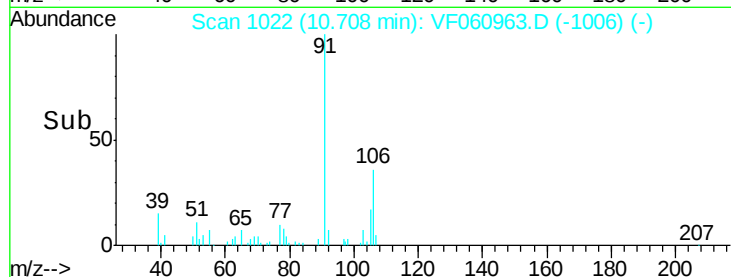
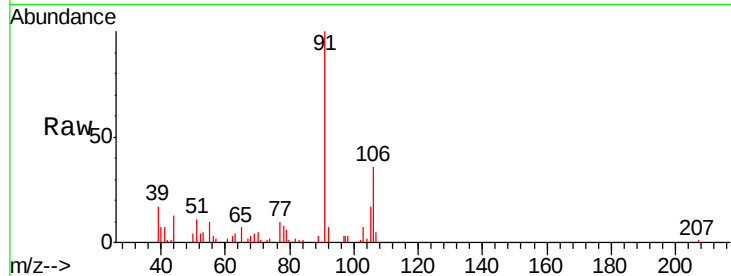
#69
o-Xylene
Concen: 1.228 ug/l
RT: 10.71 min Scan# 1022
Delta R.T. -0.04 min
Lab File: VF060963.D
Acq: 10 Dec 2018 19:47

Instrument :
MSVOA_F
ClientSampled :
SB-2(15-17)

Tgt Ion:106 Resp: 6049
Ion Ratio Lower Upper
106 100
91 280.9 104.8 314.6

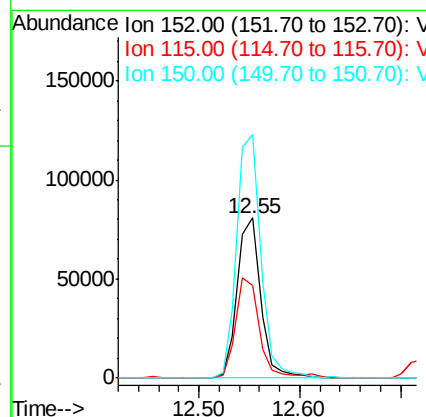
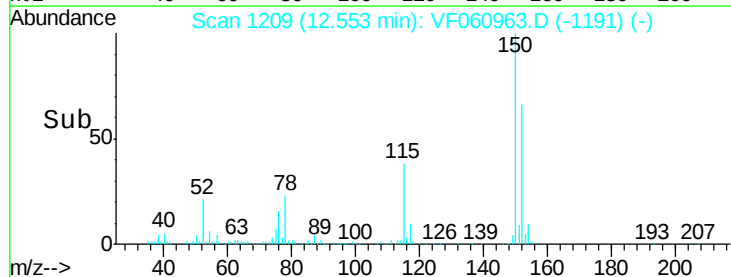
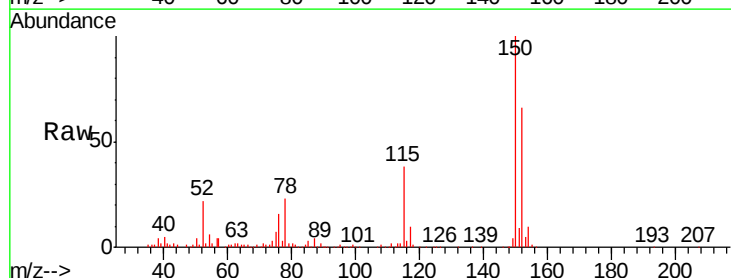
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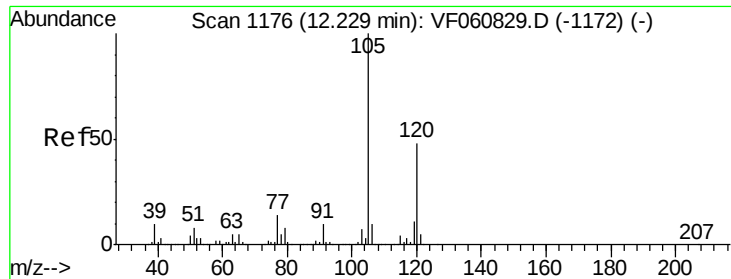
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF060963.D
Acq: 10 Dec 2018 19:47

Tgt Ion:152 Resp: 132047
Ion Ratio Lower Upper
152 100
115 57.8 30.1 90.5
150 152.0 0.0 327.6





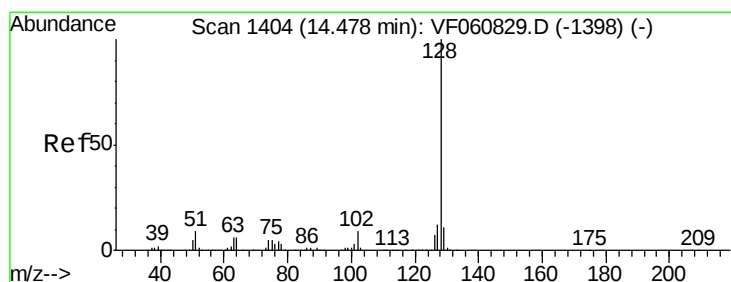
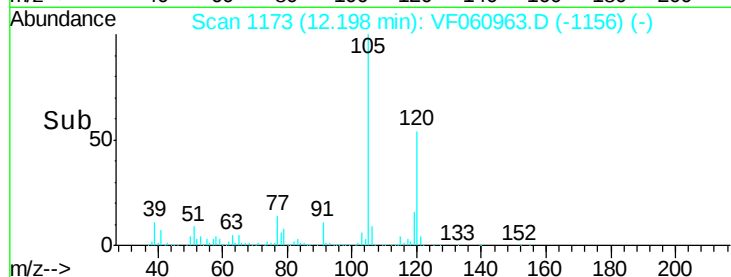
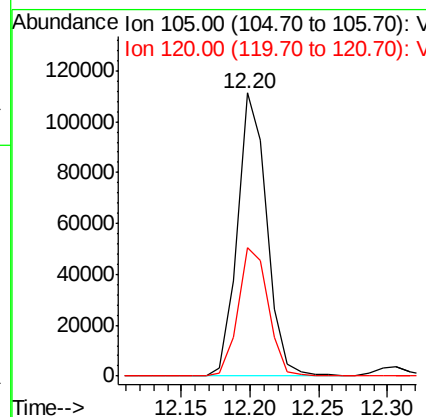
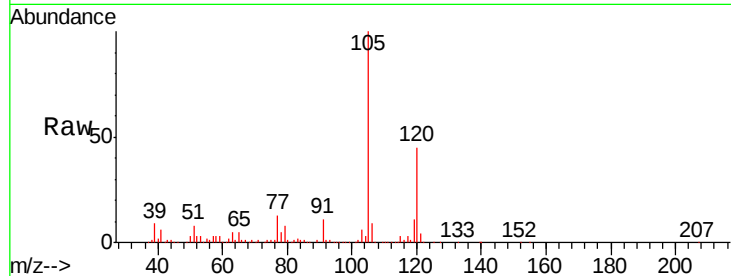
#84
 1,2,4-Trimethylbenzene
 Concen: 19.476 ug/l
 RT: 12.20 min Scan# 1173
 Delta R.T. -0.03 min
 Lab File: VF060963.D
 Acq: 10 Dec 2018 19:47

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-2(15-17)

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.8	71.5

Manual Integrations
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#95
 Naphthalene
 Concen: 6.088 ug/l
 RT: 14.46 min Scan# 1402
 Delta R.T. -0.02 min
 Lab File: VF060963.D
 Acq: 10 Dec 2018 19:47

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	9.9	14.9
129	12.5	9.1	13.7

