

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121118\
 Data File : VF060984.D
 Acq On : 11 Dec 2018 18:56
 Operator : VA/AP
 Sample : J6195-07
 Misc : 5.31g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-02-121018-B

Manual Integrations
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 12/12/2018 1:29:03 PM

Quant Time: Dec 12 07:08:01 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	4.87	168	215231	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.60	114	357606	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.79	117	315247	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.56	152	144114	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	116905	46.11	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	92.22%	
35) Dibromofluoromethane	4.11	113	123940	43.69	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	87.38%	
50) Toluene-d8	7.56	98	289579	34.65	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	69.30%	
62) 4-Bromofluorobenzene	11.41	95	129871	34.19	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	68.38%	
Target Compounds						
16) Acetone	2.24	43	17694	37.843	ug/l	99
20) Methylene Chloride	2.24	84	15947m	9.297	ug/l	
52) Toluene	7.64	92	12956	2.105	ug/l	98
68) m/p-Xylenes	10.13	106	7023	1.710	ug/l	89
84) 1,2,4-Trimethylbenzene	12.21	105	16152	1.750	ug/l	99
95) Naphthalene	14.46	128	194563	30.536	ug/l	99

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

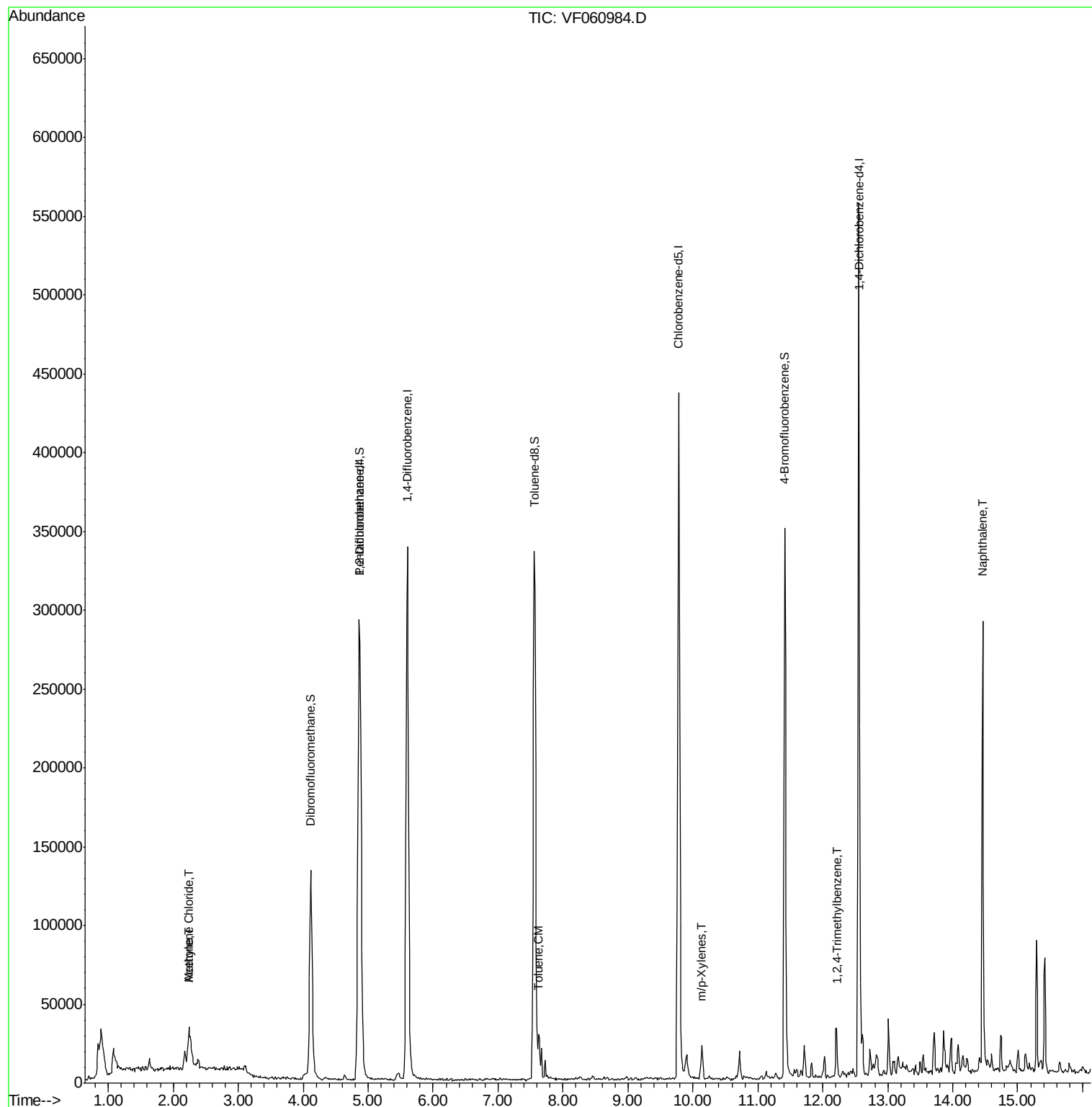
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF121118\
Data File : VF060984.D
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ALS Vial : 14 Sample Multiplier: 1

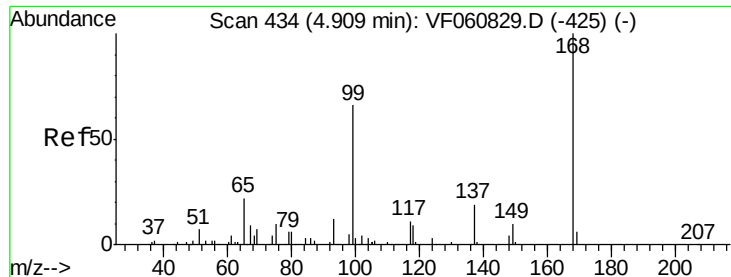
Instrument :
MSVOA_F
ClientSampleId :
OR-02-121018-B

Manual Integrations
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Quant Time: Dec 12 07:08:01 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: VF060984.D

Acq: 11 Dec 2018 18:56

Instrument :

MSVOA_F

ClientSampleId :

OR-02-121018-B

Tot Ion:168 Resp: 215231

Ion Ratio Lower Upper

168 100

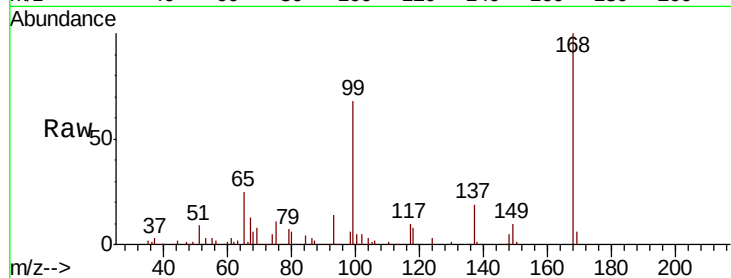
99 67.5 52.6 79.0

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

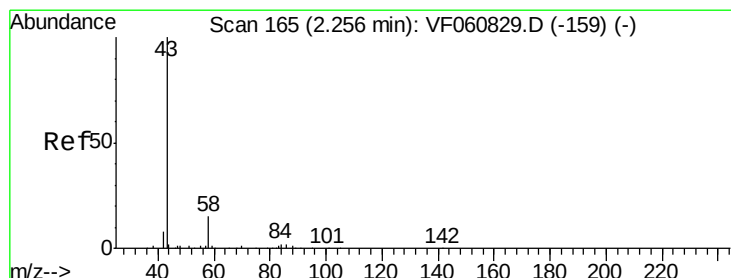
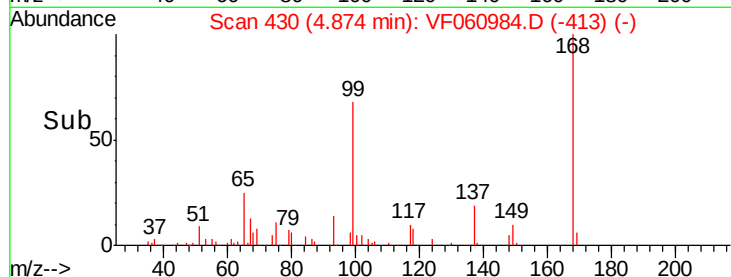
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 37.843 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.02 min

Lab File: VF060984.D

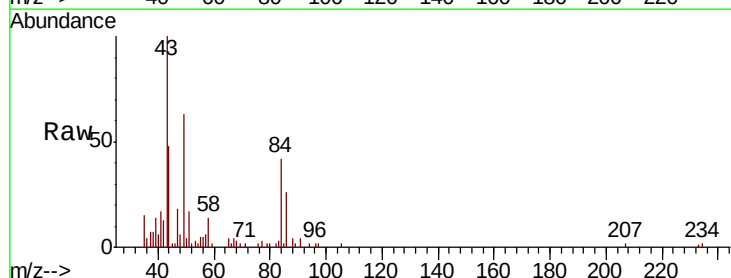
Acq: 11 Dec 2018 18:56

Tgt Ion: 43 Resp: 17694

Ion Ratio Lower Upper

43 100

58 13.9 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

8000

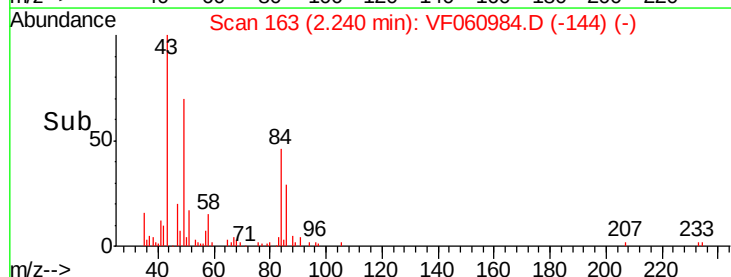
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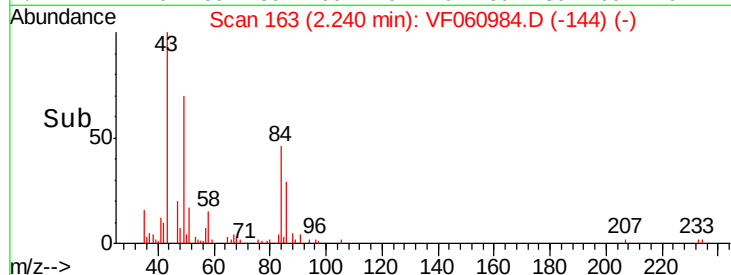
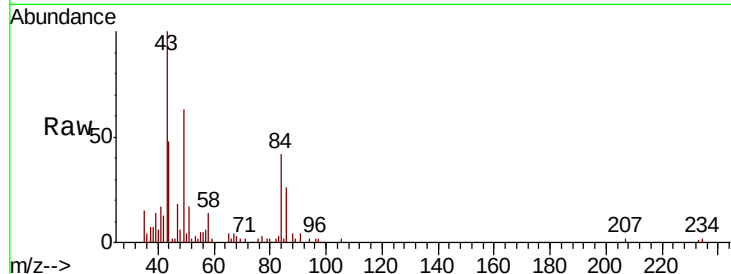
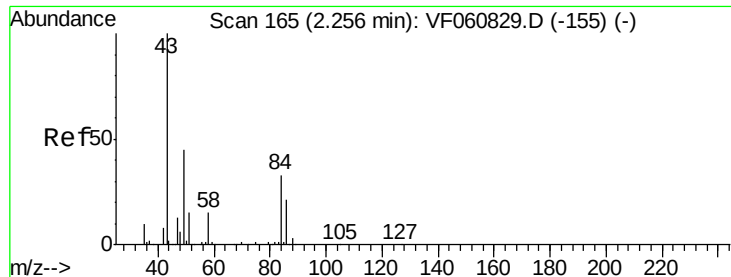
4000

2000

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Time-->





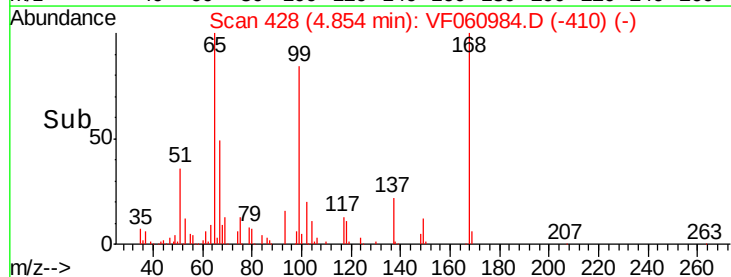
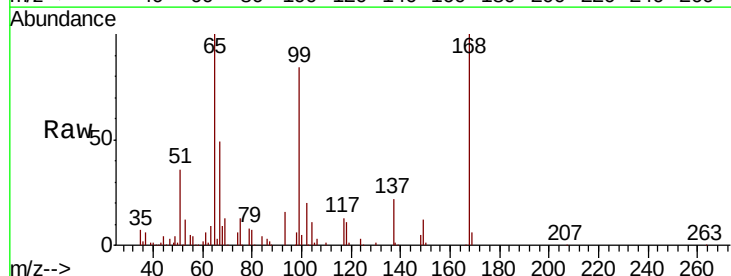
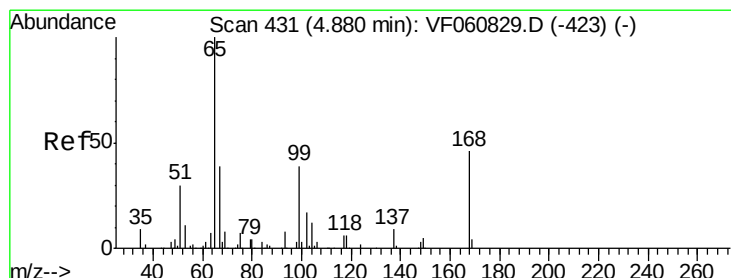
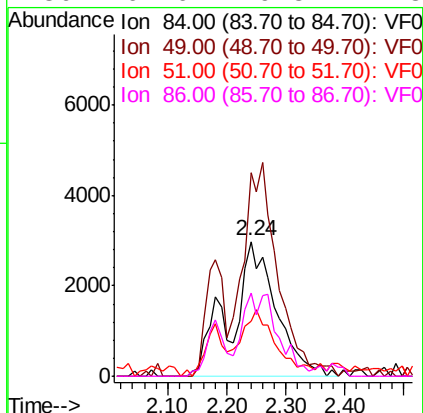
#20
Methylene Chloride
Concen: 9.297 ug/l m
RT: 2.24 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Tot Ion:	84	Resp:	15947
Ion	Ratio	Lower	Upper
84	100		
49	150.9	111.3	166.9
51	41.3	38.0	57.0
86	61.6	49.8	74.8

Instrument :
MSVOA_F
ClientSampleId :
OR-02-121018-B

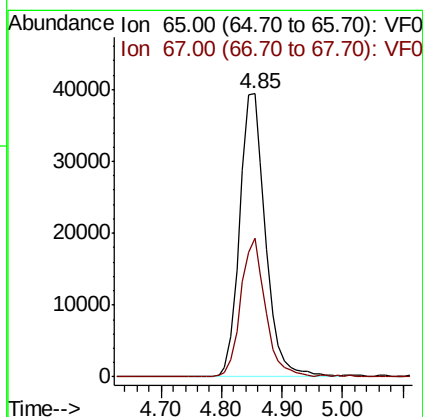
Manual Integrations
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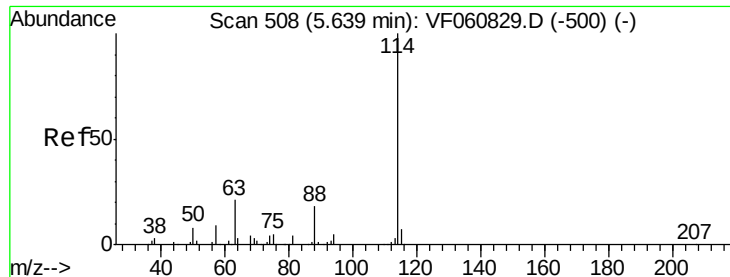
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#33
1,2-Dichloroethane-d4
Concen: 46.107 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.03 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Tgt Ion:	65	Resp:	116905
Ion	Ratio	Lower	Upper
65	100		
67	48.9	0.0	96.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.04 min

Lab File: VF060984.D

Acq: 11 Dec 2018 18:56

Instrument :

MSVOA_F

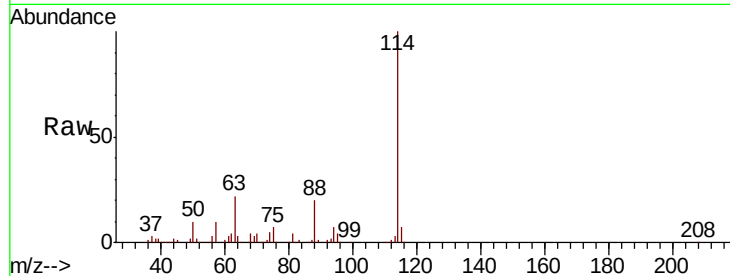
ClientSampleId :

OR-02-121018-B

Tot Ion:	114	Resp:	357606
Ion Ratio	Lower	Upper	
114	100		
63	22.0	0.0	41.6
88	19.7	0.0	36.6

Manual Integrations
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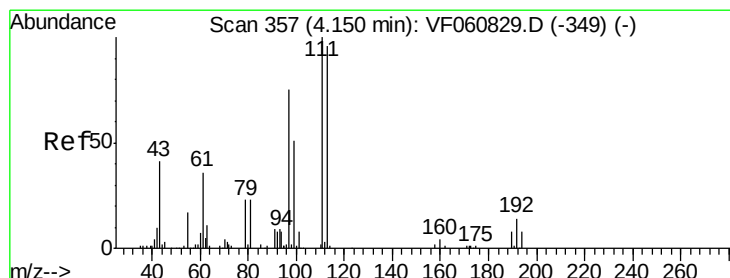
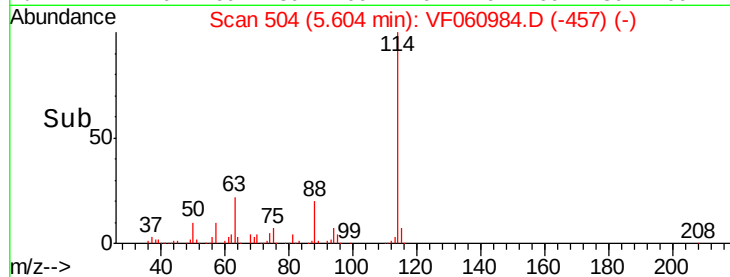
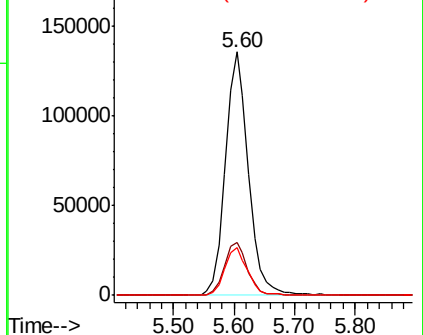
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 43.687 ug/l

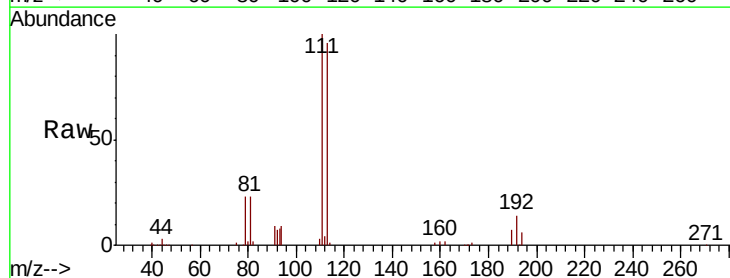
RT: 4.11 min Scan# 353

Delta R.T. -0.04 min

Lab File: VF060984.D

Acq: 11 Dec 2018 18:56

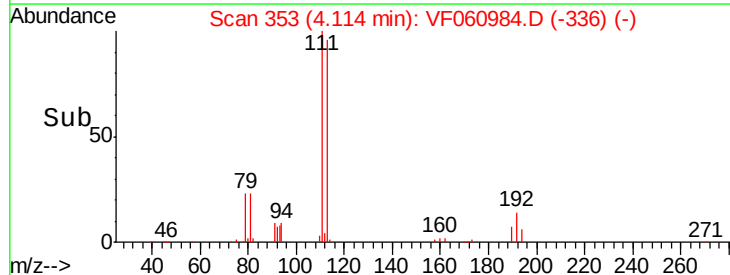
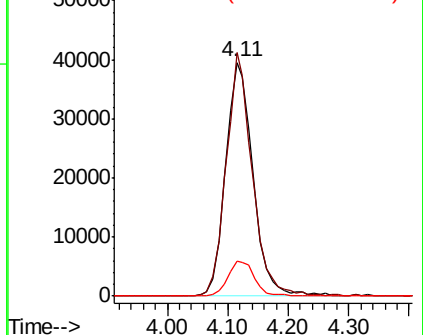
Tgt Ion:	113	Resp:	123940
Ion Ratio	Lower	Upper	
113	100		
111	104.1	83.0	124.6
192	14.9	12.3	18.5

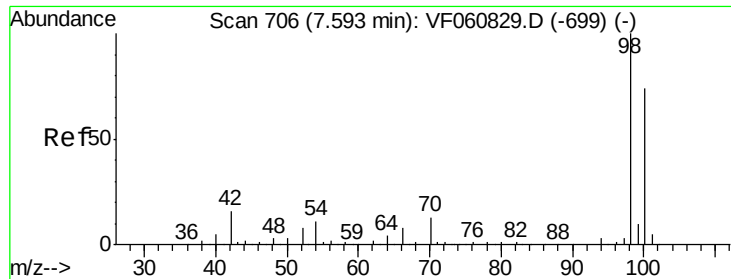


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





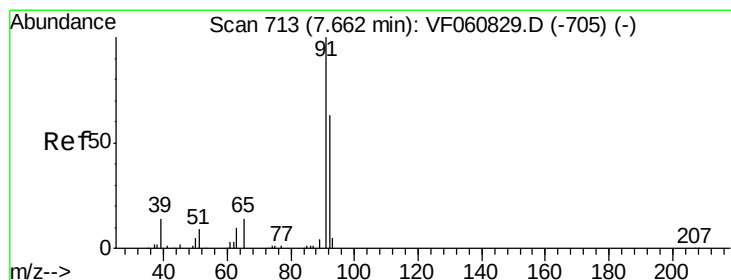
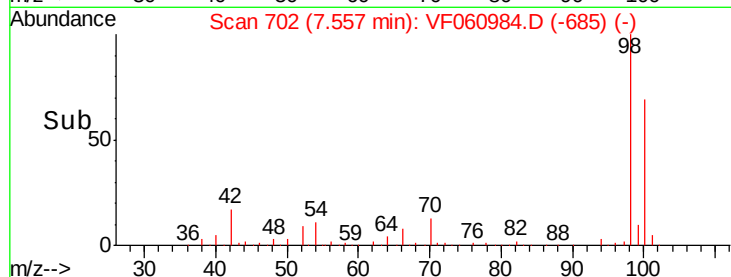
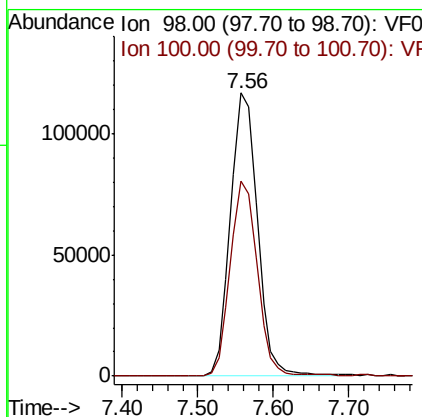
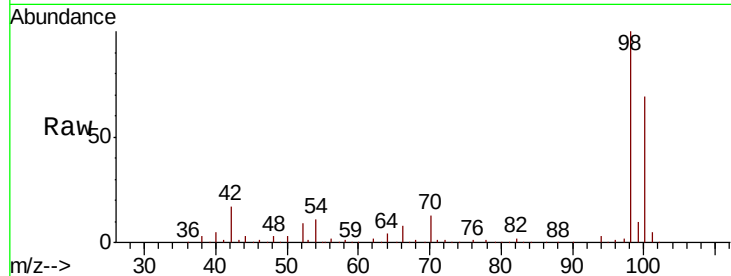
#50
Toluene-d8
Concen: 34.652 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Instrument :
MSVOA_F
ClientSampleId :
OR-02-121018-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100	68.9	59.3	88.9	

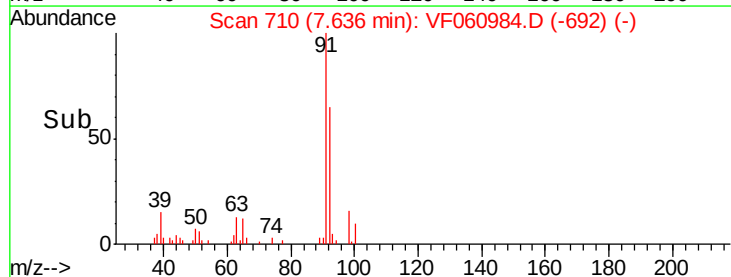
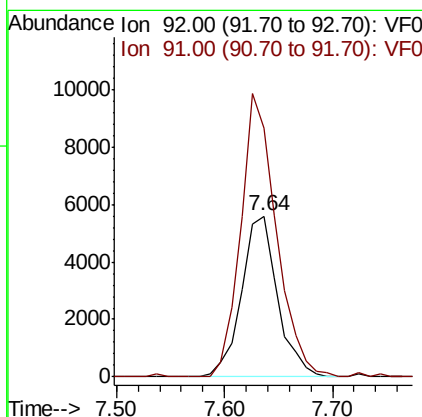
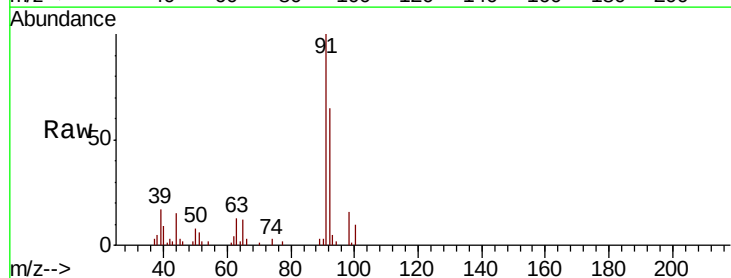
Manual Integrations
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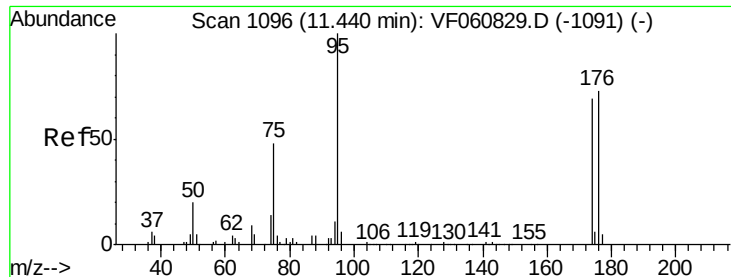
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#52
Toluene
Concen: 2.105 ug/l
RT: 7.64 min Scan# 710
Delta R.T. -0.03 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
92	100	154.6	126.2	189.2	





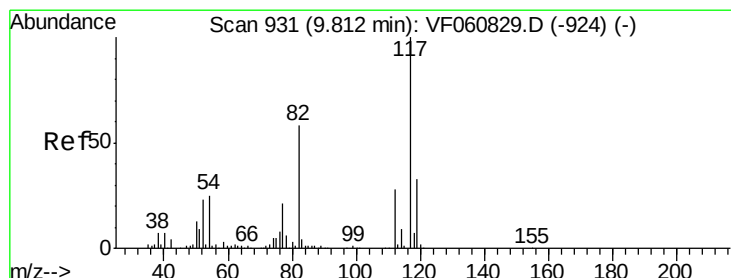
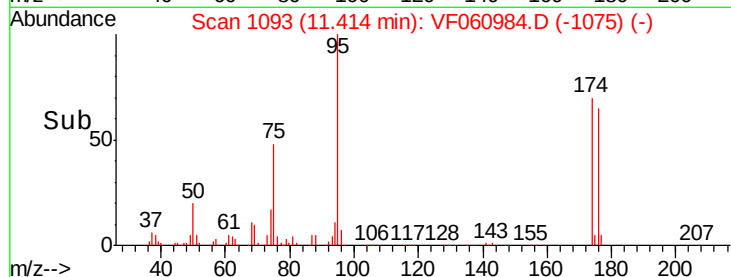
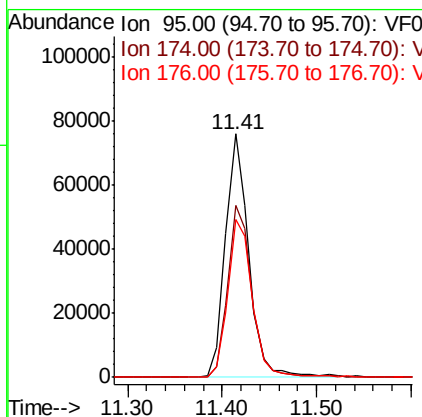
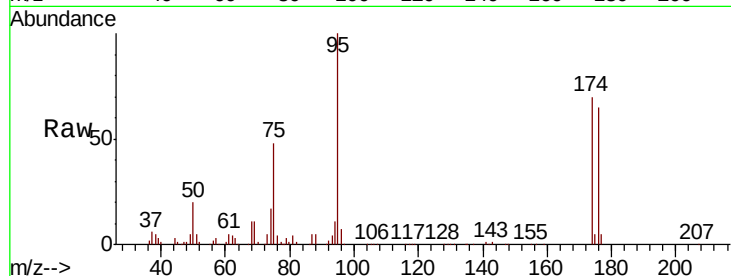
#62
4-Bromofluorobenzene
Concen: 34.194 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Instrument :
MSVOA_F
ClientSampleId :
OR-02-121018-B

Tot Ion	Ratio	Resp	Lower	Upper
95	100	129871		
174	70.4	0.0	138.2	
176	64.6	0.0	146.2	

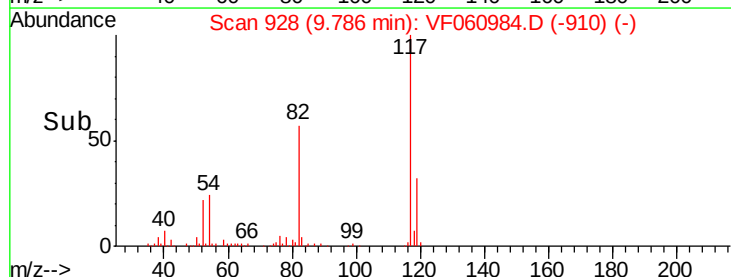
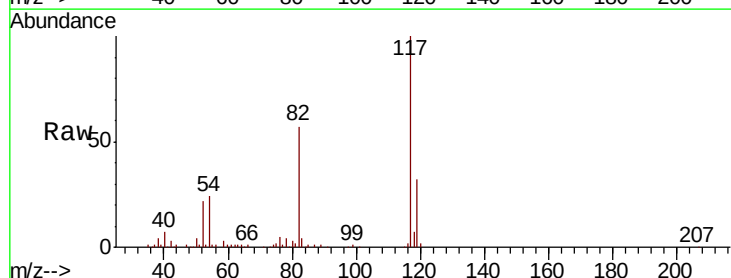
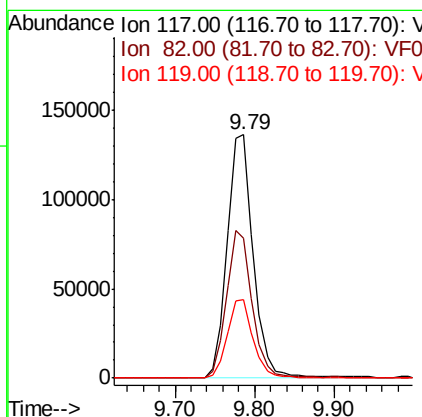
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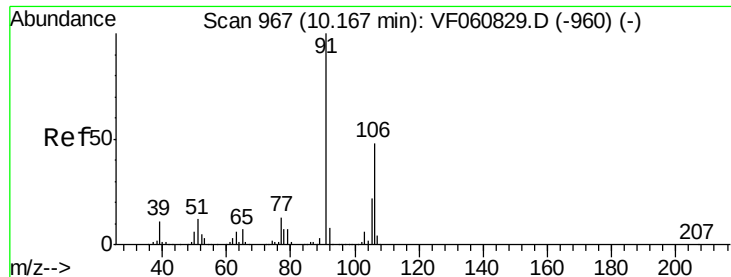
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 928
Delta R.T. -0.03 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	315247		
82	57.2	46.6	69.8	
119	32.5	26.4	39.6	





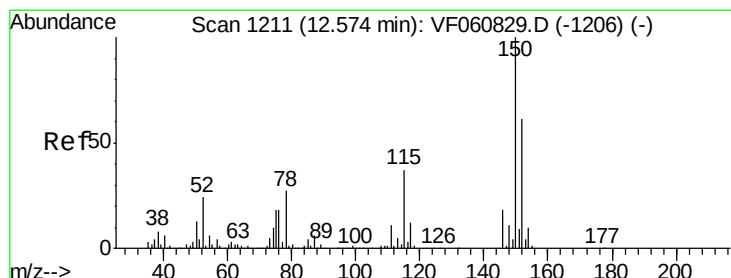
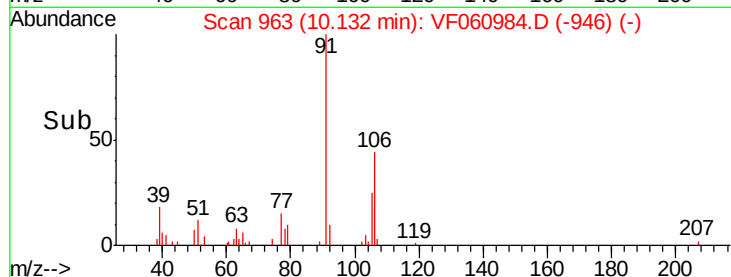
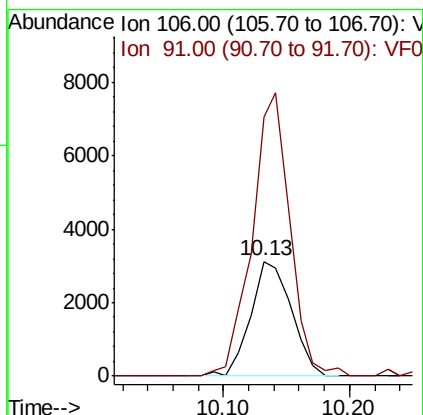
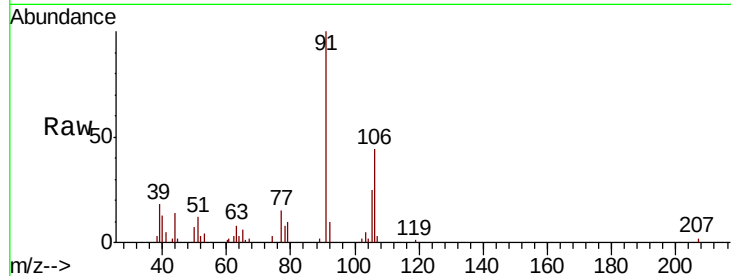
#68
m/p-Xylenes
Concen: 1.710 ug/l
RT: 10.13 min Scan# 963
Delta R.T. -0.04 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Instrument :
MSVOA_F
ClientSampleId :
OR-02-121018-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	7023		
91	91	225.4	166.7	250.1	

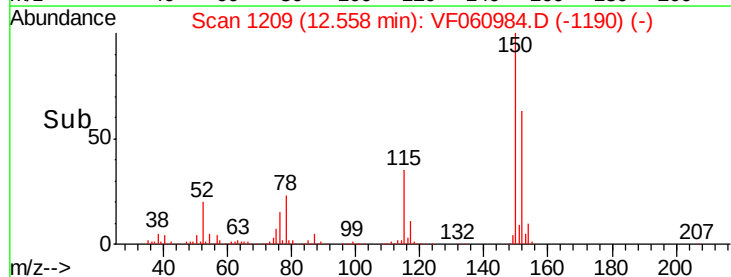
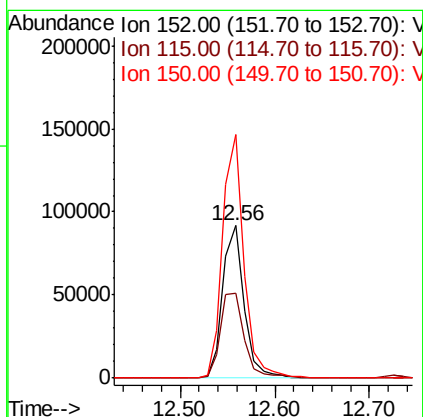
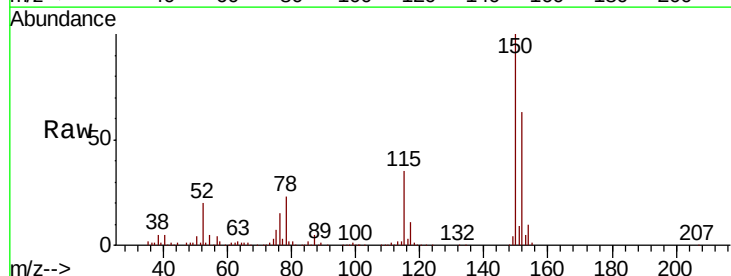
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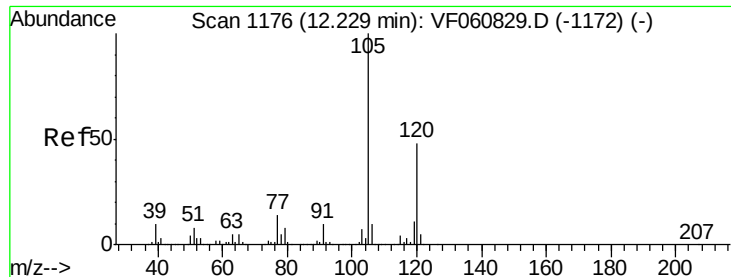
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF060984.D
Acq: 11 Dec 2018 18:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	152	100	144114		
115	115	55.4	30.1	90.5	
150	150	160.0	0.0	327.6	





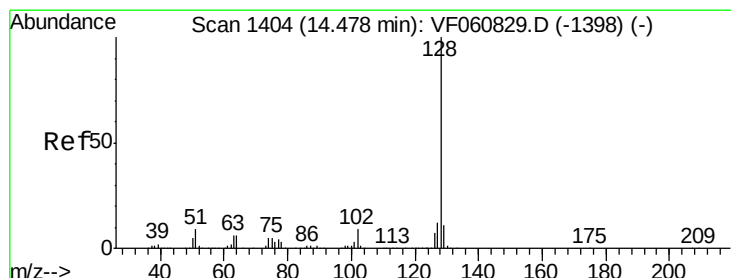
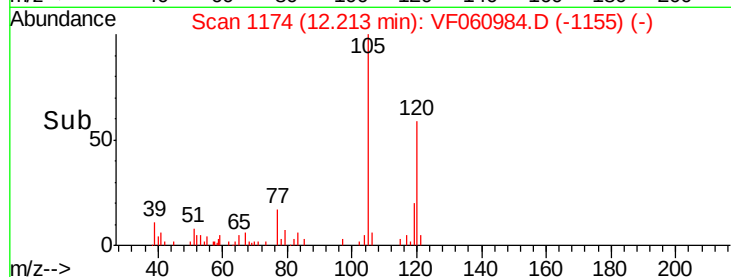
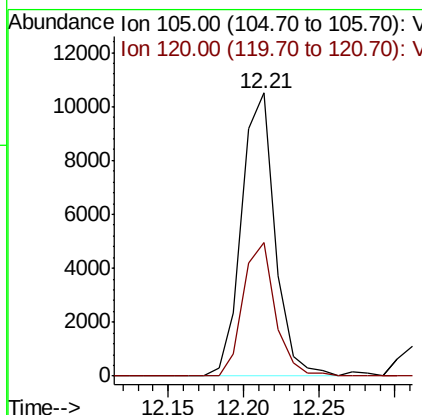
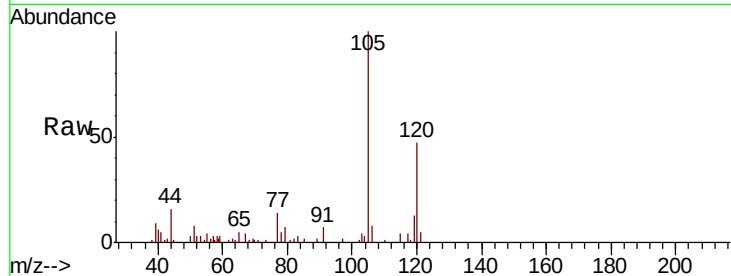
#84
 1,2,4-Trimethylbenzene
 Concen: 1.750 ug/l
 RT: 12.21 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: VF060984.D
 Acq: 11 Dec 2018 18:56

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-02-121018-B

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.8	71.5

Manual Integrations
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#95
 Naphthalene
 Concen: 30.536 ug/l
 RT: 14.46 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: VF060984.D
 Acq: 11 Dec 2018 18:56

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	9.9	14.9
129	10.7	9.1	13.7

