

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122018\
 Data File : VF061110.D
 Acq On : 20 Dec 2018 16:14
 Operator : VA/AP
 Sample : J6377-11
 Misc : 3.16g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SD004-0006-01

Manual Integrations
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Quant Time: Dec 21 07:58:16 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	4.88	168	159830	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	274289	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.78	117	171859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	52482	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	92107	44.81	ug/l	0.01
Spiked Amount 50.000			Recovery	=	89.62%	
35) Dibromofluoromethane	4.12	113	102631	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.42%	
50) Toluene-d8	7.56	98	214890	34.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.02%	
62) 4-Bromofluorobenzene	11.42	95	64801	22.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	45.14%	
Target Compounds						
16) Acetone	2.25	43	15715m	38.240	ug/l	Qvalue
25) 2-Butanone	4.35	43	13901	20.857	ug/l	92
59) 2-Hexanone	9.50	43	8616	10.867	ug/l	96
68) m/p-Xylenes	10.14	106	23673	10.400	ug/l	88
69) o-Xylene	10.72	106	2830	1.121	ug/l	71
84) 1,2,4-Trimethylbenzene	12.21	105	4785	1.288	ug/l	86
88) 1,4-Dichlorobenzene	12.57	146	7950	4.447	ug/l	92

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

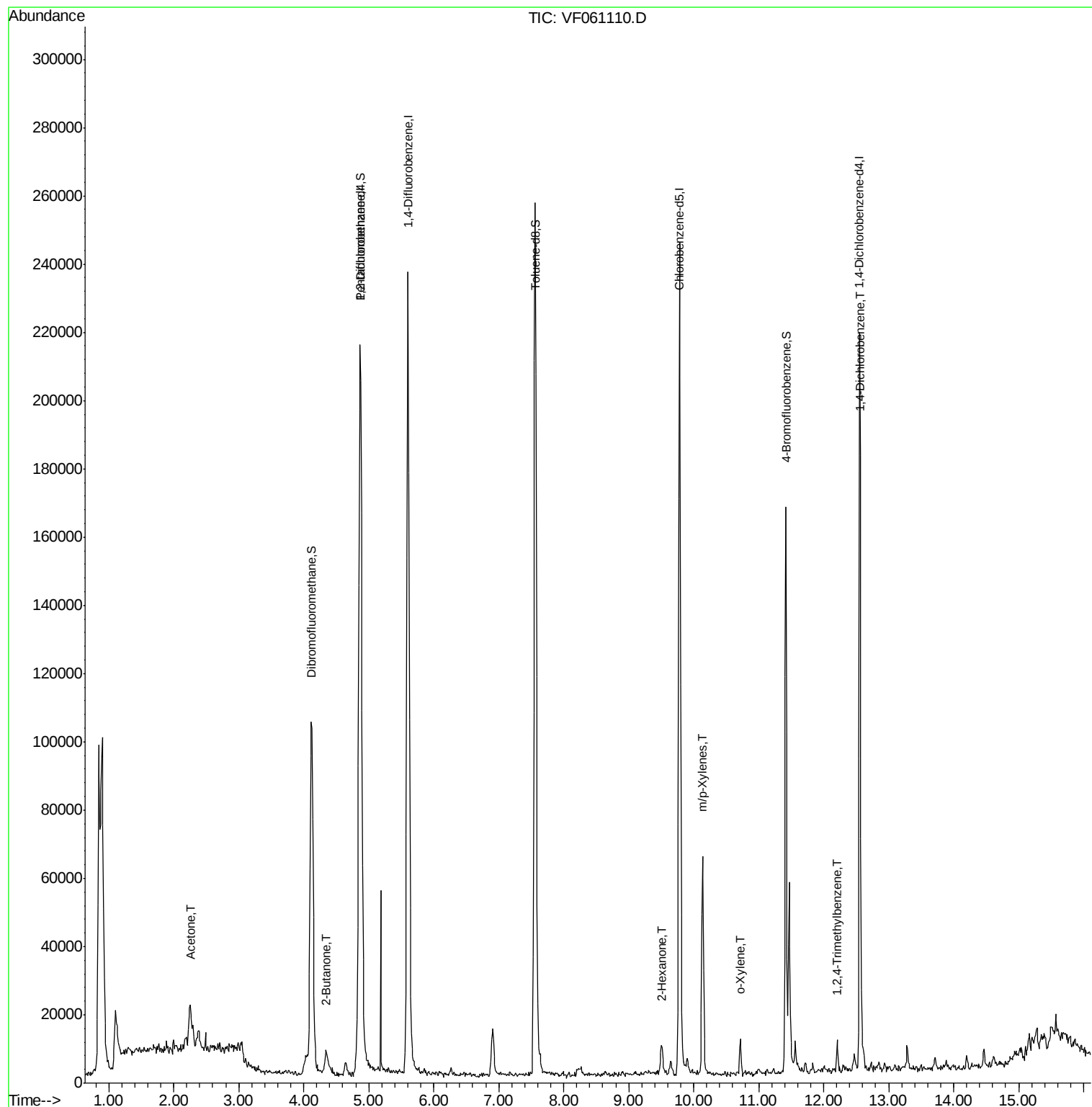
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF122018\
Data File : VF061110.D
Acq On : 20 Dec 2018 16:14
Operator : VA/AP
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Quant Time: Dec 21 07:58:16 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.00 min

Lab File: VF061110.D

Acq: 20 Dec 2018 16:14

Instrument :

MSVOA_F

ClientSampleId :

P001-SD004-0006-01

Tot Ion:168 Resp: 159830

Ion Ratio Lower Upper

168 100

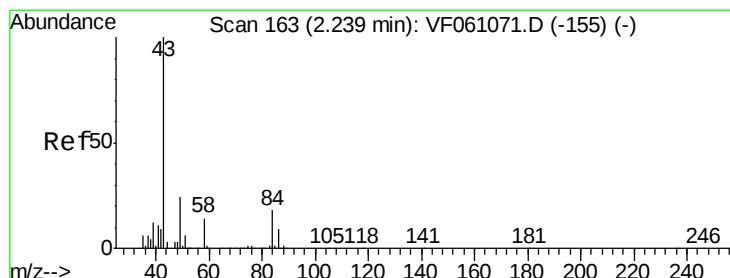
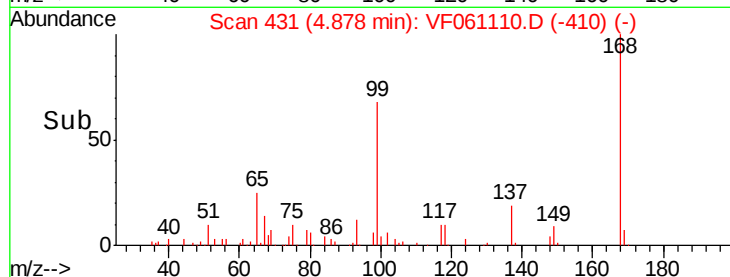
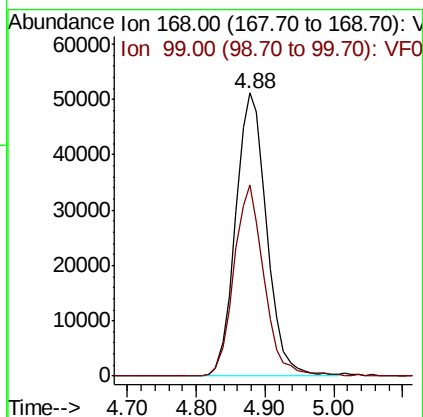
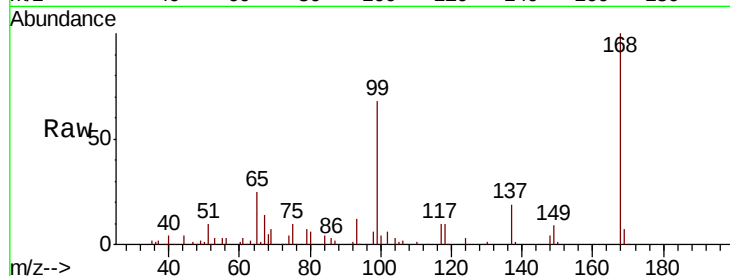
99 67.6 54.4 81.6

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#16

Acetone

Concen: 38.240 ug/l m

RT: 2.25 min Scan# 165

Delta R.T. 0.01 min

Lab File: VF061110.D

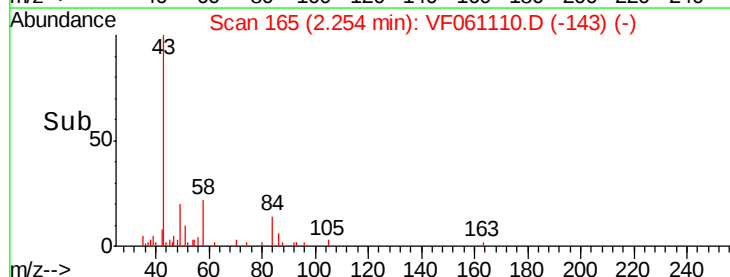
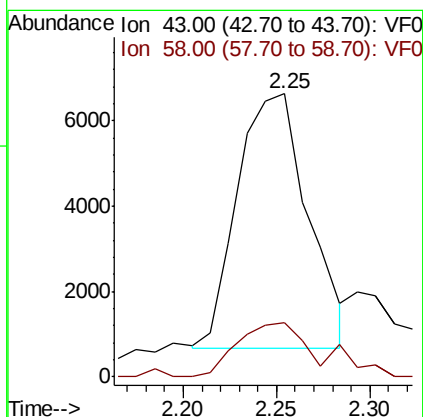
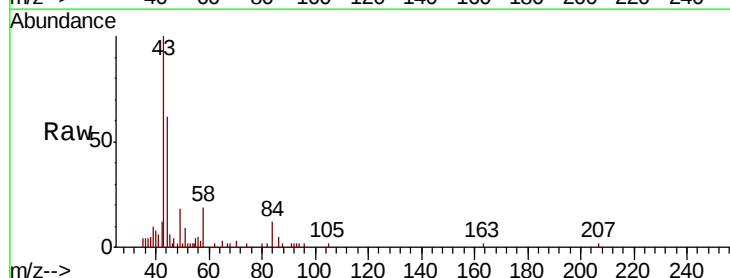
Acq: 20 Dec 2018 16:14

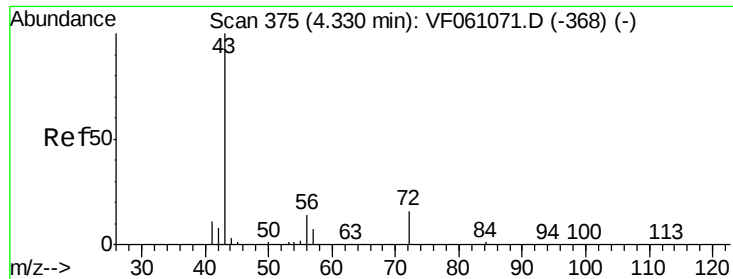
Tgt Ion: 43 Resp: 15715

Ion Ratio Lower Upper

43 100

58 19.2 11.1 16.7#





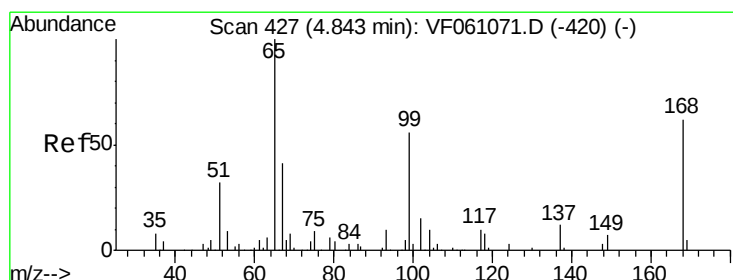
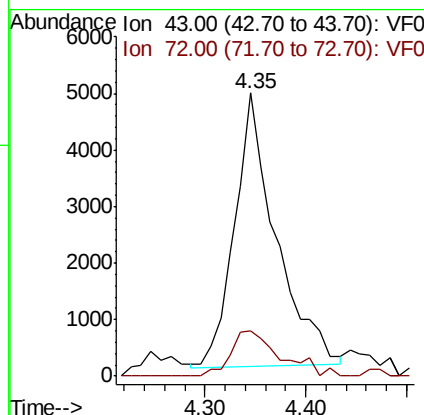
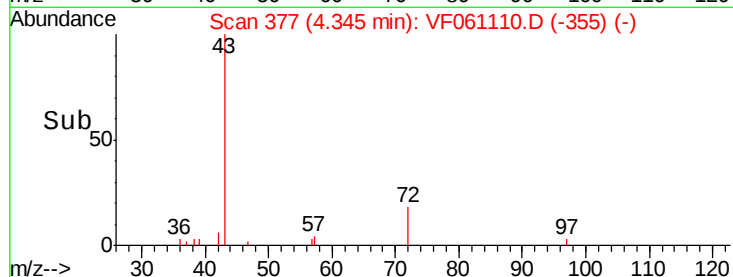
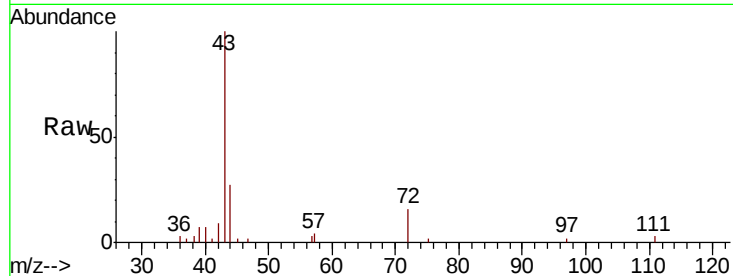
#25
2-Butanone
Concen: 20.857 ug/l
RT: 4.35 min Scan# 377
Delta R.T. 0.01 min
Lab File: VF061110.D
Acq: 20 Dec 2018 16:14

Instrument :
MSVOA_F
ClientSampleId :
P001-SD004-0006-01

Tot Ion: 43 Resp: 13901
Ion Ratio Lower Upper
43 100
72 15.9 15.6 23.4

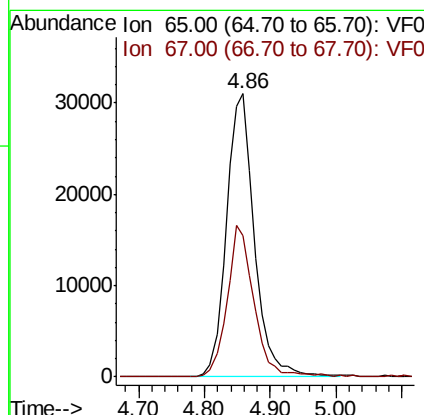
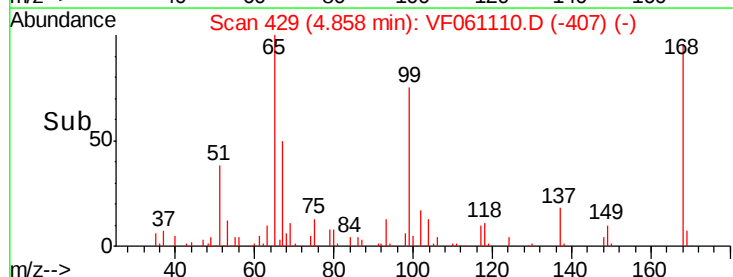
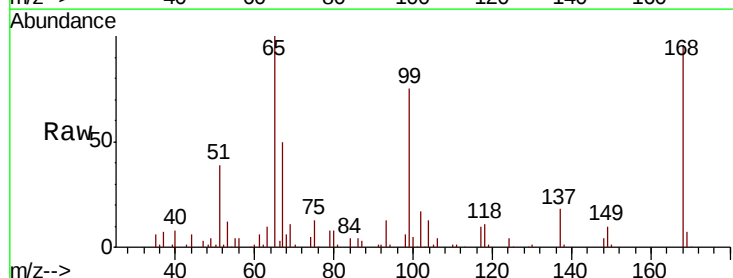
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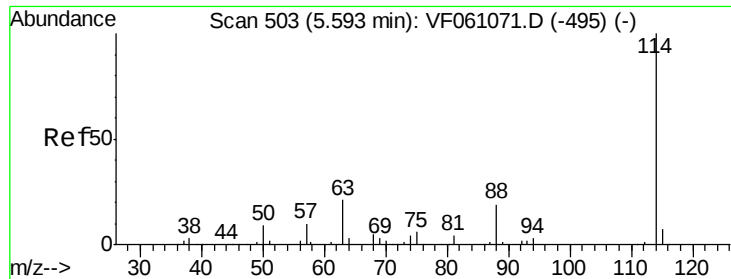
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#33
1,2-Dichloroethane-d4
Concen: 44.806 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.01 min
Lab File: VF061110.D
Acq: 20 Dec 2018 16:14

Tgt Ion: 65 Resp: 92107
Ion Ratio Lower Upper
65 100
67 50.1 0.0 94.6





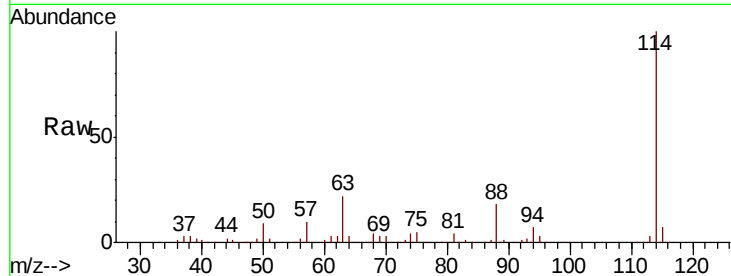
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. 0.01 min
Lab File: VF061110.D
Acq: 20 Dec 2018 16:14

Instrument :
MSVOA_F
ClientSampleId :
P001-SD004-0006-01

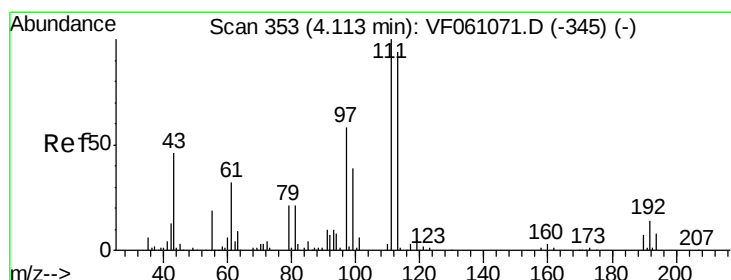
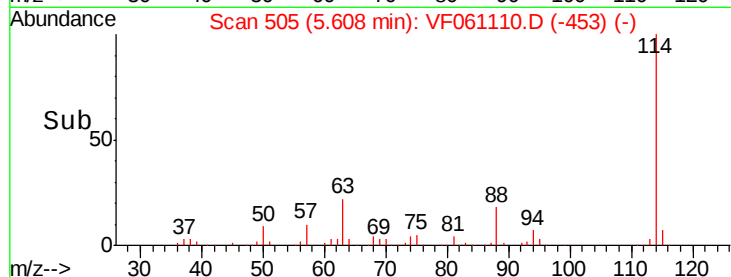
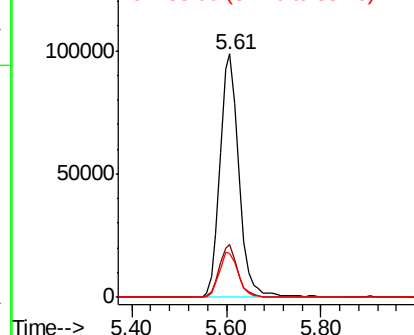
Tot Ion	Ratio	Resp	Lower	Upper
114	100	274289		
63	21.7	0.0	41.6	
88	18.1	0.0	38.0	

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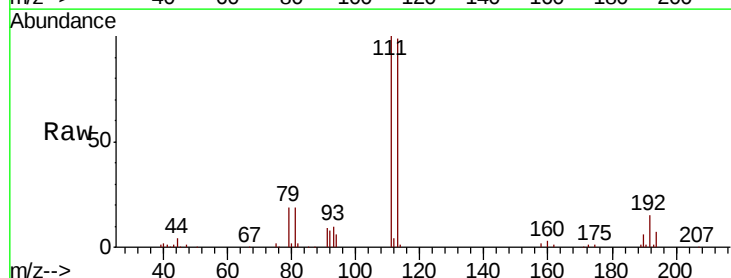


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 88.00 (87.70 to 88.70): VF0

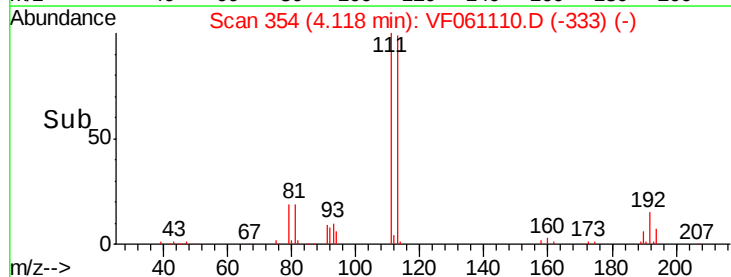
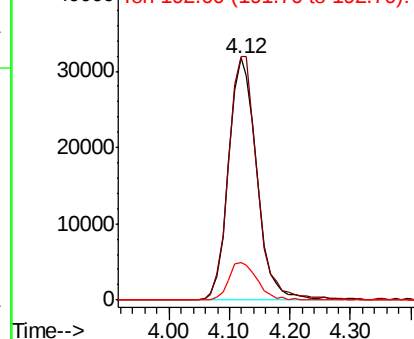


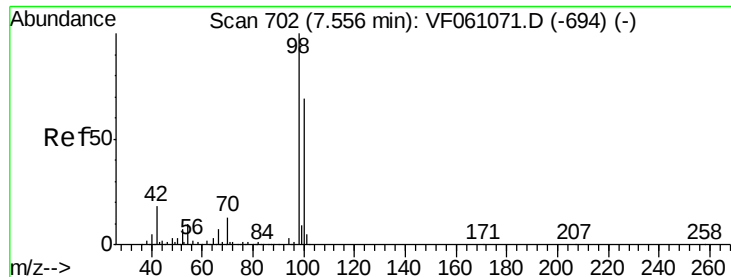
#35
Dibromofluoromethane
Concen: 46.710 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.00 min
Lab File: VF061110.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	102631		
111	100.7	85.2	127.8	
192	15.3	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: 34.511 ug/l

RT: 7.56 min Scan# 703

Delta R.T. 0.00 min

Lab File: VF061110.D

Acq: 20 Dec 2018 16:14

Instrument :

MSVOA_F

ClientSampleId :

P001-SD004-0006-01

Tot Ion: 98 Resp: 214890

Ion Ratio Lower Upper

98 100

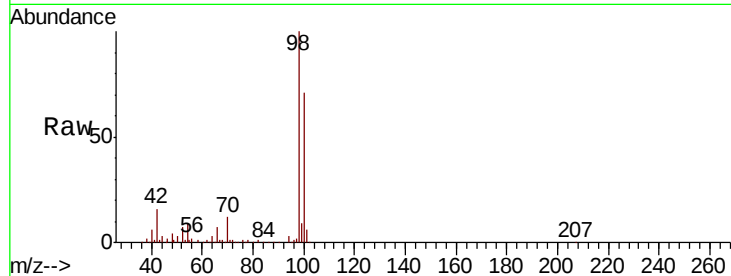
100 70.7 55.3 82.9

Manual Integrations

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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

7.56

100000

80000

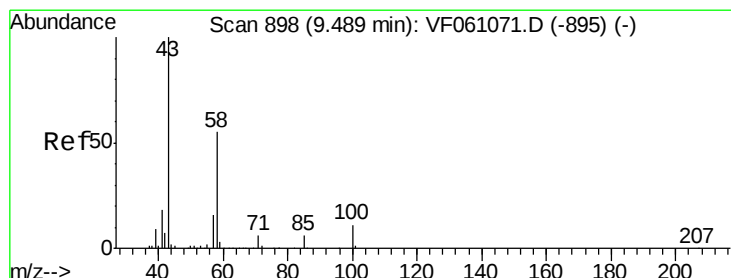
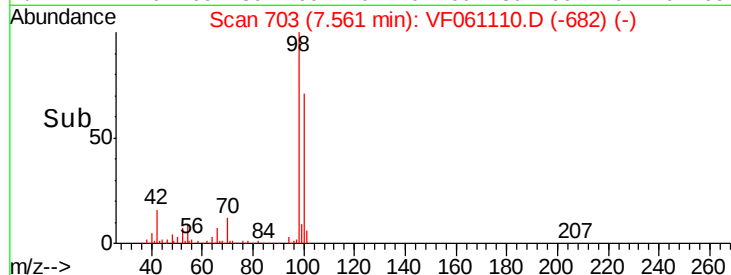
60000

40000

20000

0

Time-->



#59

2-Hexanone

Concen: 10.867 ug/l

RT: 9.50 min Scan# 900

Delta R.T. 0.01 min

Lab File: VF061110.D

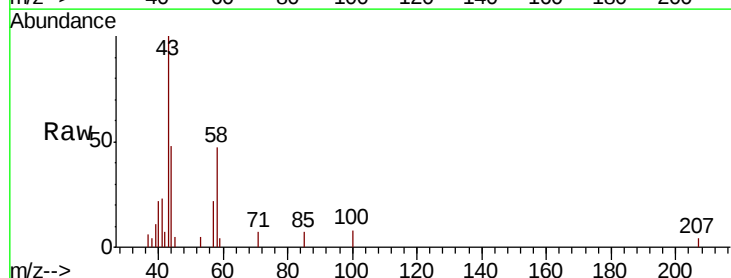
Acq: 20 Dec 2018 16:14

Tgt Ion: 43 Resp: 8616

Ion Ratio Lower Upper

43 100

58 47.3 25.1 75.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

9.50

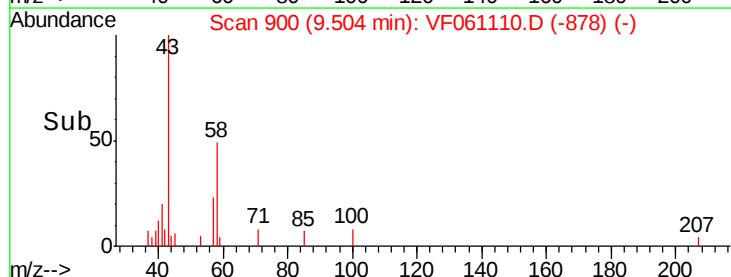
3000

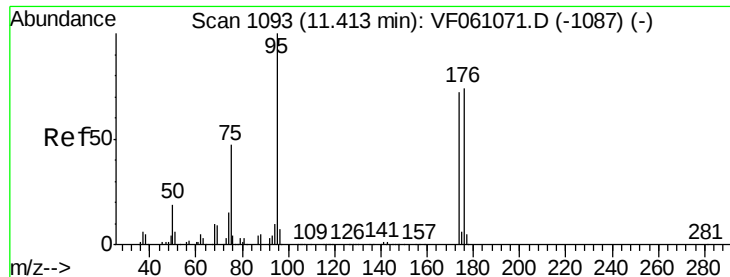
2000

1000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 22.574 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VF061110.D

Acq: 20 Dec 2018 16:14

Instrument :

MSVOA_F

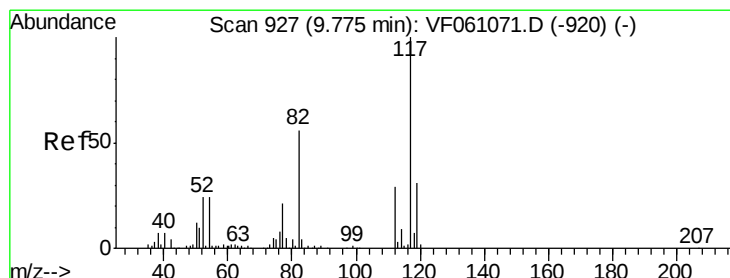
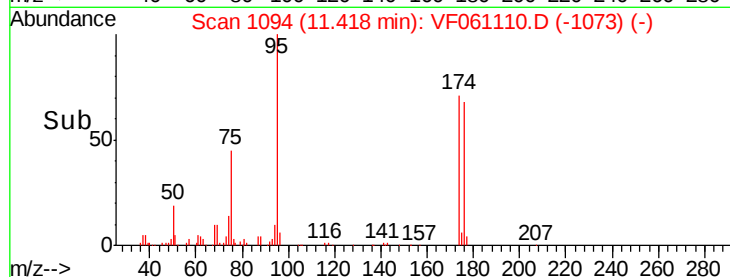
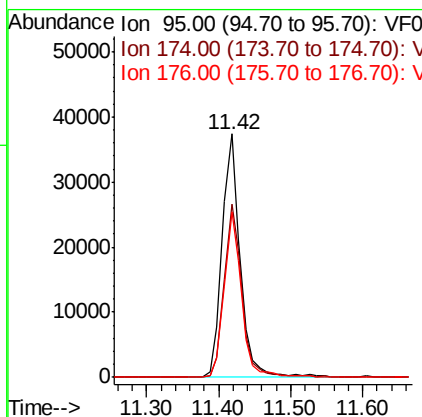
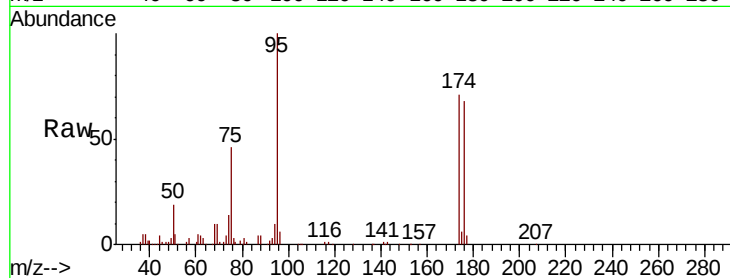
ClientSampleId :

P001-SD004-0006-01

Tot Ion:	95	Resp:	64801
Ion Ratio	Lower	Upper	
95	100		
174	71.3	0.0	143.8
176	68.1	0.0	147.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

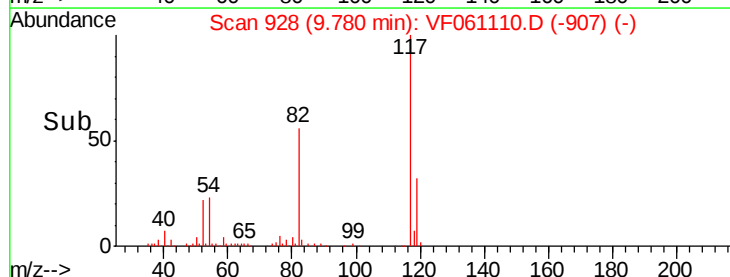
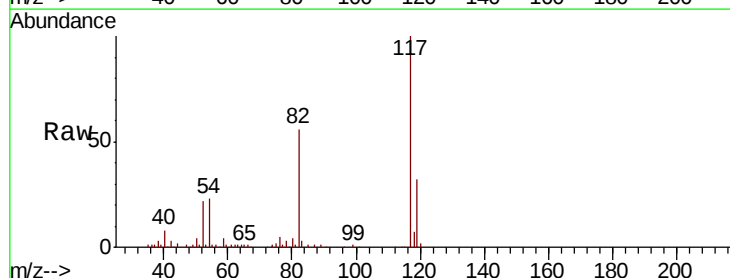
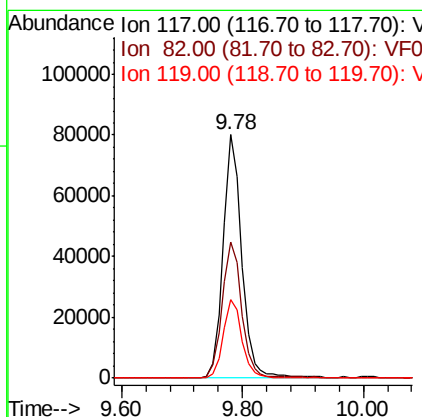
RT: 9.78 min Scan# 928

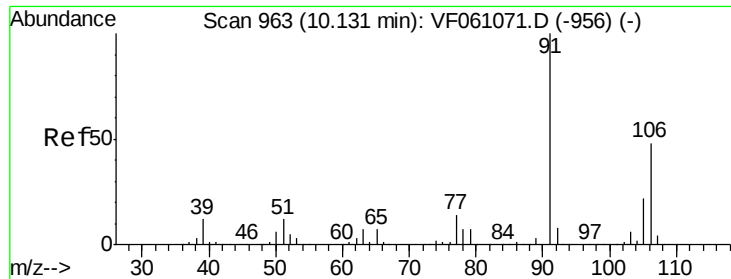
Delta R.T. 0.00 min

Lab File: VF061110.D

Acq: 20 Dec 2018 16:14

Tgt Ion:	117	Resp:	171859
Ion Ratio	Lower	Upper	
117	100		
82	56.1	45.0	67.4
119	32.4	24.8	37.2





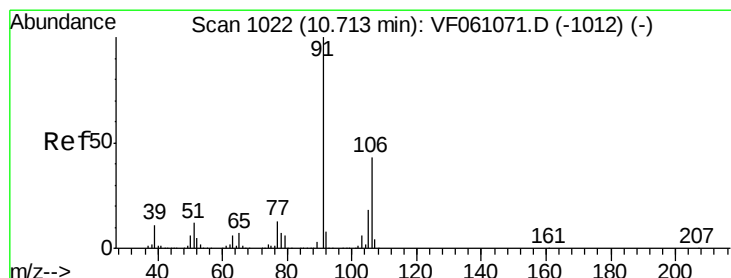
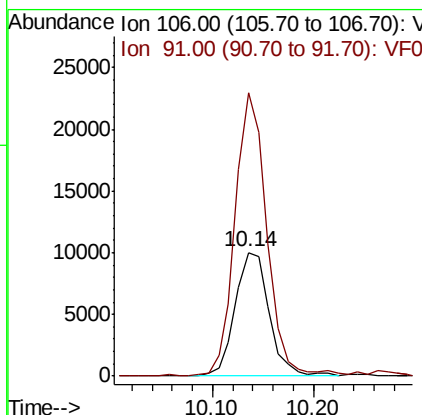
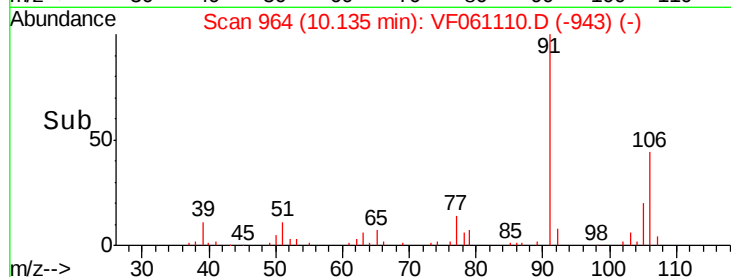
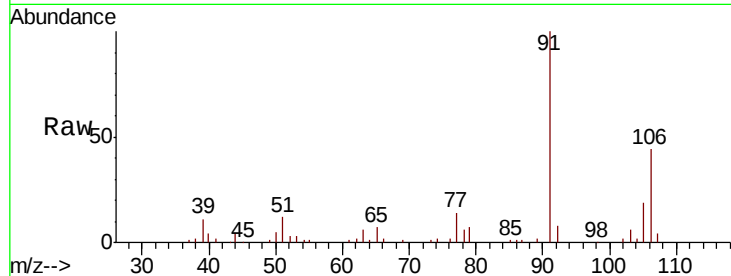
#68
m/p-Xylenes
Concen: 10.400 ug/l
RT: 10.14 min Scan# 964
Delta R.T. 0.00 min
Lab File: VF061110.D
Acq: 20 Dec 2018 16:14

Instrument :
MSVOA_F
ClientSampleId :
P001-SD004-0006-01

Tot Ion:106 Resp: 23673
Ion Ratio Lower Upper
106 100
91 229.0 168.2 252.2

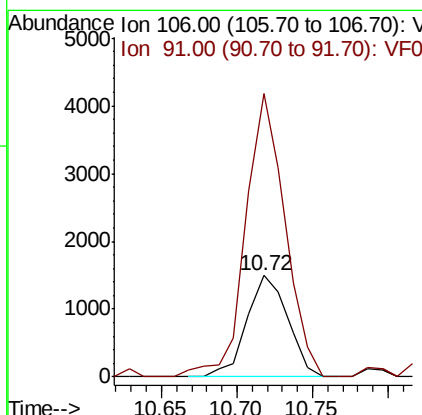
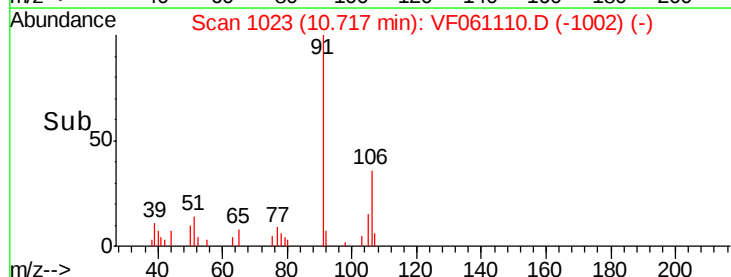
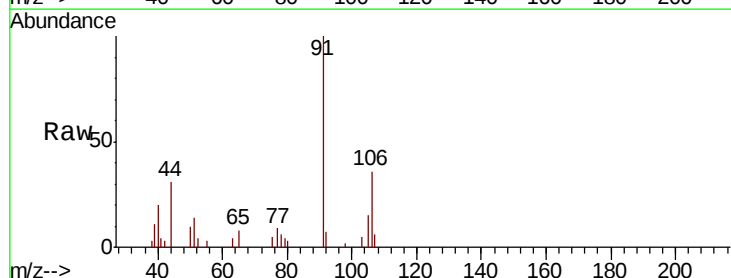
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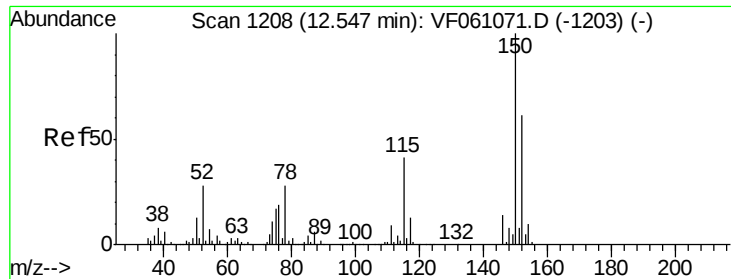
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#69
o-Xylene
Concen: 1.121 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. 0.00 min
Lab File: VF061110.D
Acq: 20 Dec 2018 16:14

Tgt Ion:106 Resp: 2830
Ion Ratio Lower Upper
106 100
91 279.8 115.9 347.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. 0.00 min

Lab File: VF061110.D

Acq: 20 Dec 2018 16:14

Instrument :

MSVOA_F

ClientSampleId :

P001-SD004-0006-01

Tot Ion:152 Resp: 52482

Ion Ratio Lower Upper

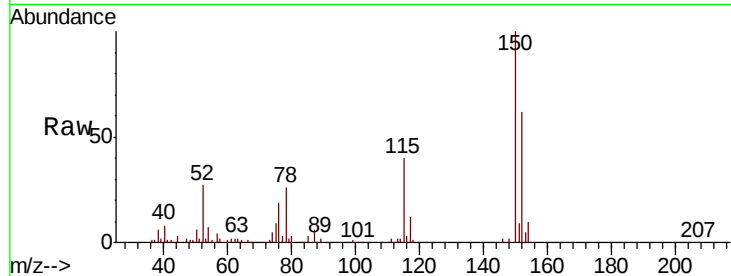
152 100

115 64.3 33.3 99.9

150 160.9 0.0 328.2

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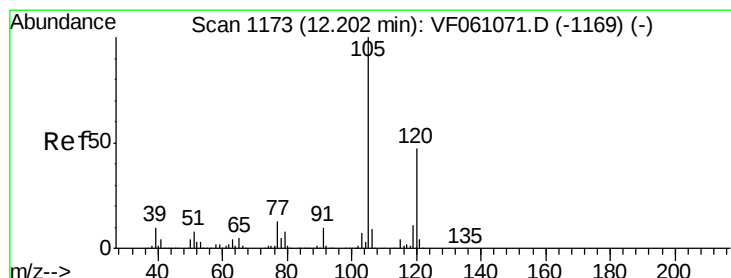
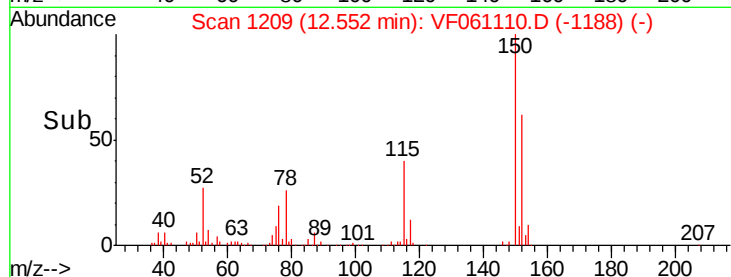
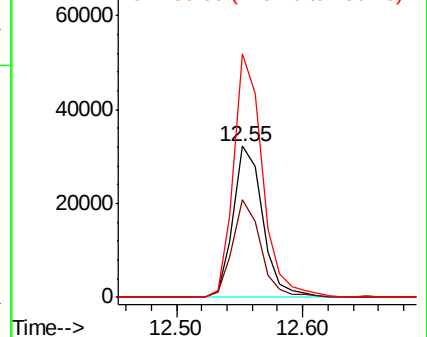


Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#84

1,2,4-Trimethylbenzene

Concen: 1.288 ug/l

RT: 12.21 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VF061110.D

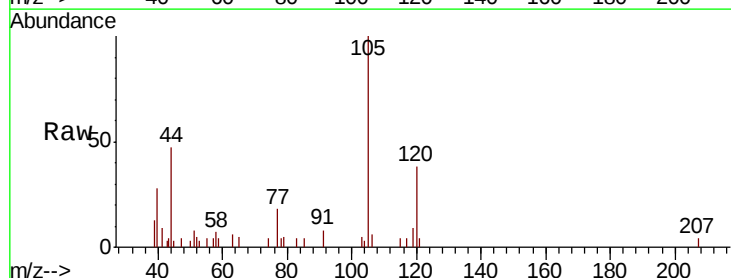
Acq: 20 Dec 2018 16:14

Tgt Ion:105 Resp: 4785

Ion Ratio Lower Upper

105 100

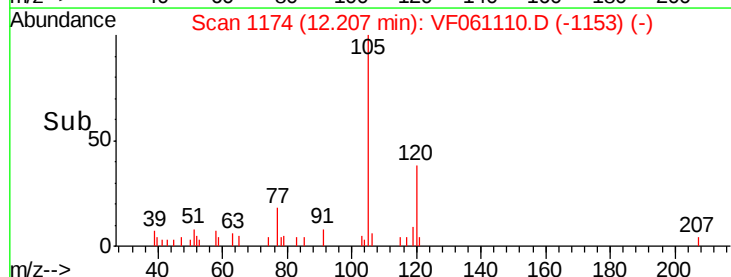
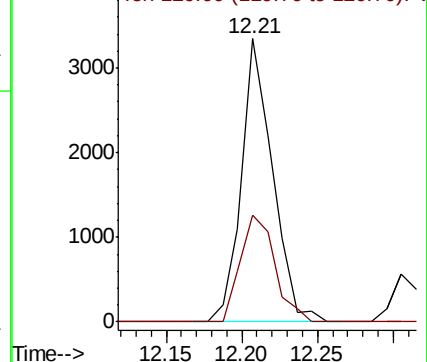
120 37.8 23.6 71.0

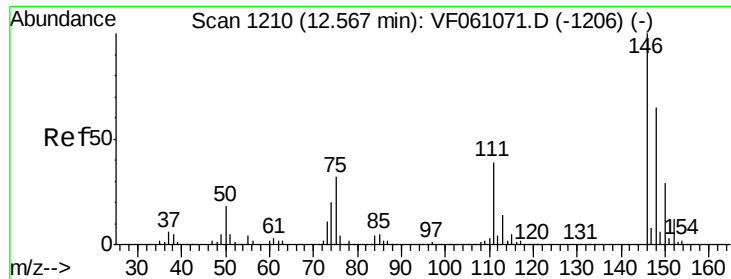


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#88
 1,4-Dichlorobenzene
 Concen: 4.447 ug/l
 RT: 12.57 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: VF061110.D
 Acq: 20 Dec 2018 16:14

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SD004-0006-01

Tot Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	33.4	19.4	58.4
148	59.1	32.4	97.0

Manual Integrations
 APPROVED

apatel
 12/21/2018 12:23:28 PM

