

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121218\
 Data File : VF061005.D
 Acq On : 12 Dec 2018 19:42
 Operator : VA/AP
 Sample : J6344-04RE
 Misc : 5.08g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RBR-200031RE

Manual Integrations
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Quant Time: Dec 13 03:32:04 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	257340	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	414888	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	369226	50.00	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	12.55	152	193939	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	115969	38.25	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	76.50%	
35) Dibromofluoromethane	4.10	113	932	0.28	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	0.56%	
50) Toluene-d8	7.55	98	351395	36.24	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	72.48%	
62) 4-Bromofluorobenzene	11.40	95	170071	38.60	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	77.20%	
Target Compounds						
16) Acetone	2.23	43	10214m	18.271	ug/l	Qvalue
25) 2-Butanone	4.33	43	7375	7.627	ug/l #	91
51) 4-Methyl-2-Pentanone	8.26	43	5857	3.396	ug/l #	74
59) 2-Hexanone	9.49	43	9390	7.761	ug/l	98

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

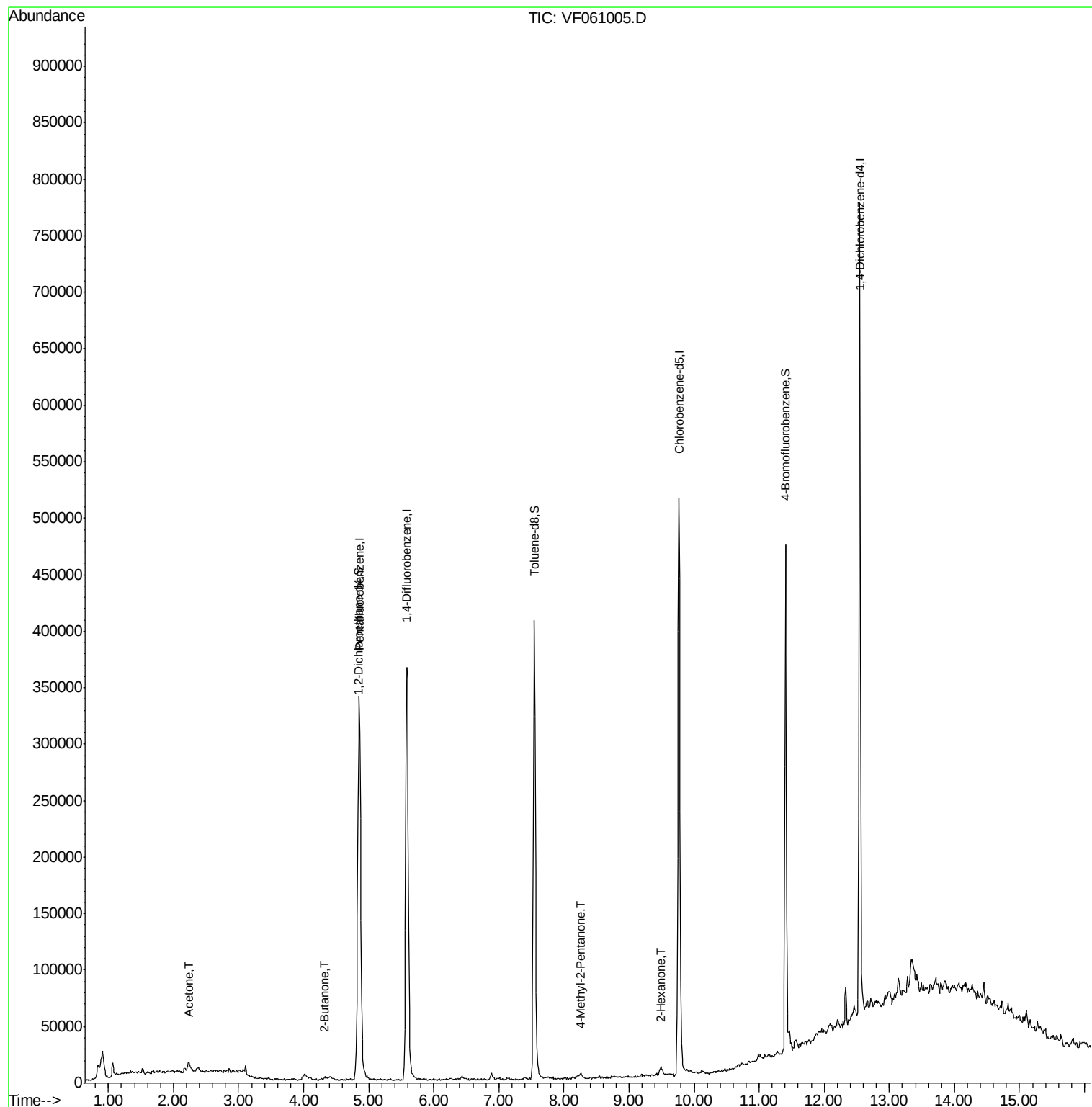
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF121218\
Data File : VF061005.D
Acq On : 12 Dec 2018 19:42
Operator : VA/AP
Sample : J6344-04RE
Misc : 5.08g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

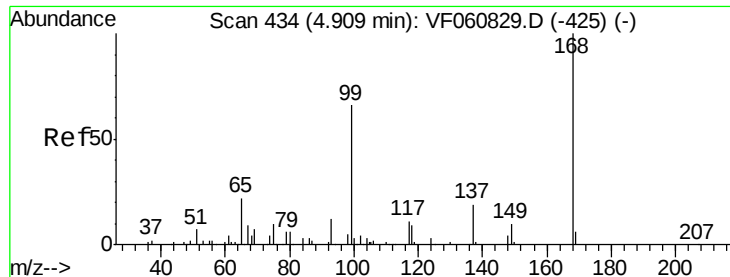
Instrument :
MSVOA_F
ClientSampleId :
RBR-200031RE

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Quant Time: Dec 13 03:32:04 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: 4.86 min Scan# 429

Delta R.T. -0.05 min

Lab File: VF061005.D

Acq: 12 Dec 2018 19:42

Instrument :

MSVOA_F

ClientSampleId :

RBR-200031RE

Tot Ion:168 Resp: 257340

Ion Ratio Lower Upper

168 100

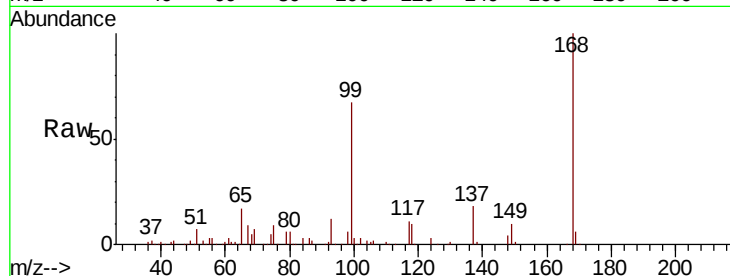
99 67.2 52.6 79.0

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

4.86

80000

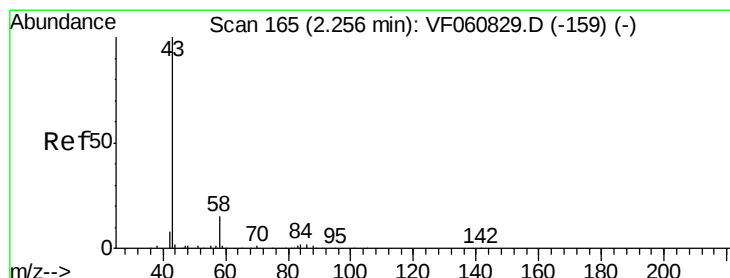
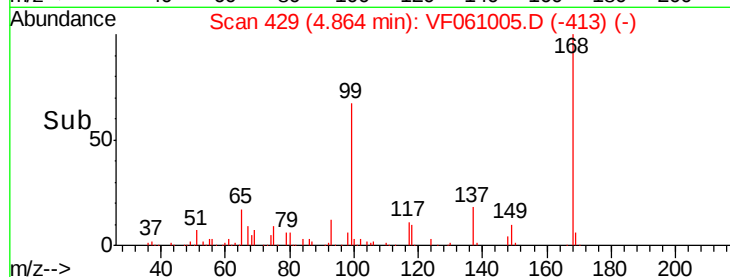
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 18.271 ug/l m

RT: 2.23 min Scan# 162

Delta R.T. -0.03 min

Lab File: VF061005.D

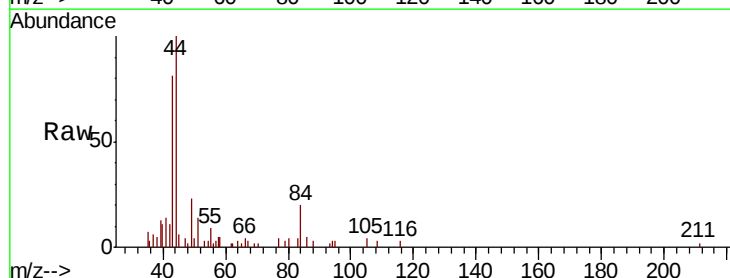
Acq: 12 Dec 2018 19:42

Tgt Ion: 43 Resp: 10214

Ion Ratio Lower Upper

43 100

58 6.2 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

4000

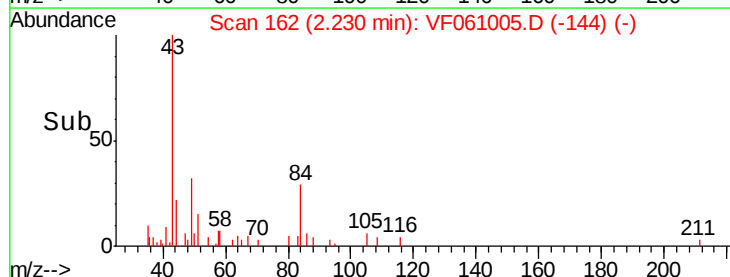
3000

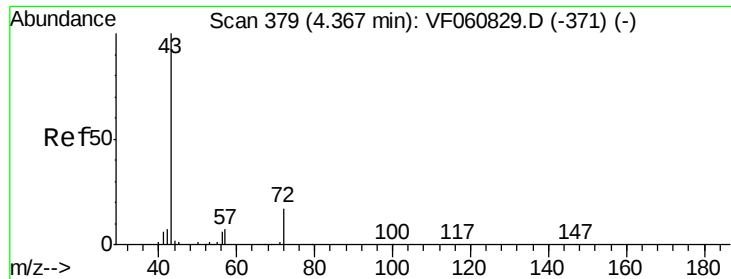
2000

1000

0

Time-->





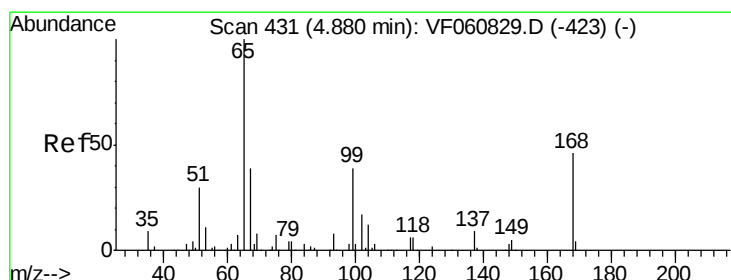
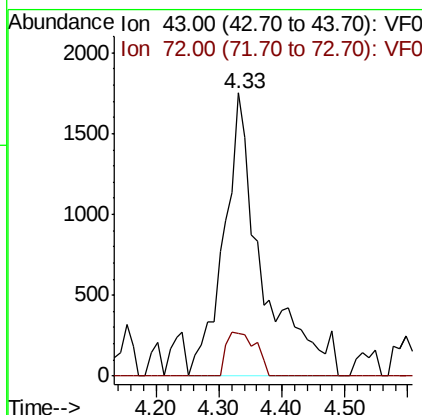
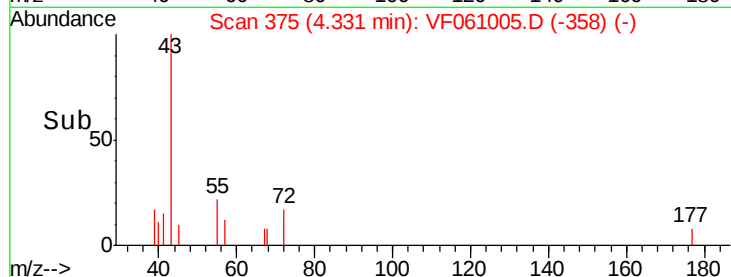
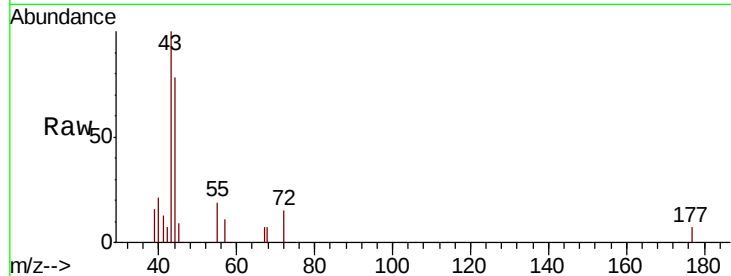
#25
2-Butanone
Concen: 7.627 ug/l
RT: 4.33 min Scan# 375
Delta R.T. -0.04 min
Lab File: VF061005.D
Acq: 12 Dec 2018 19:42

Instrument :
MSVOA_F
ClientSampleId :
RBR-200031RE

Tot Ion: 43 Resp: 7375
Ion Ratio Lower Upper
43 100
72 15.0 15.4 23.2#

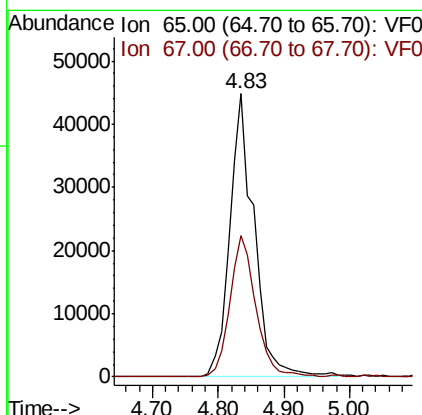
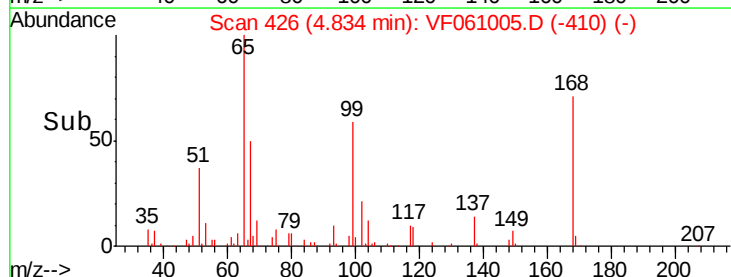
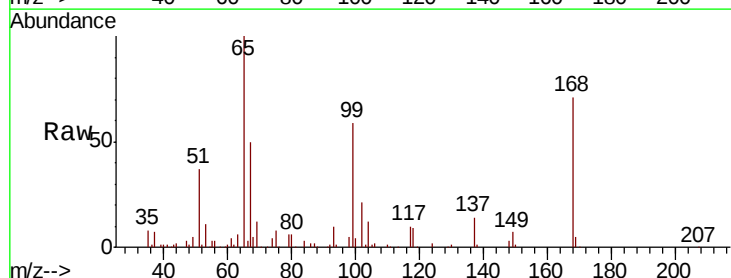
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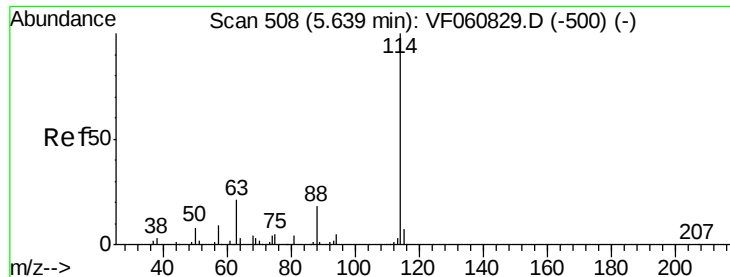
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#33
1,2-Dichloroethane-d4
Concen: 38.254 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.05 min
Lab File: VF061005.D
Acq: 12 Dec 2018 19:42

Tgt Ion: 65 Resp: 115969
Ion Ratio Lower Upper
65 100
67 49.8 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: VF061005.D

Acq: 12 Dec 2018 19:42

Instrument :

MSVOA_F

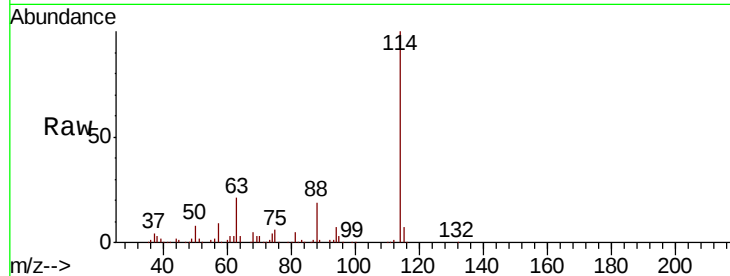
ClientSampleId :

RBR-200031RE

Tot Ion:	114	Resp:	414888
Ion Ratio	Lower	Upper	
114	100		
63	21.0	0.0	41.6
88	19.0	0.0	36.6

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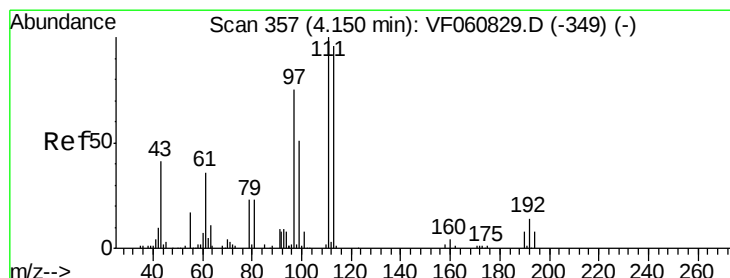
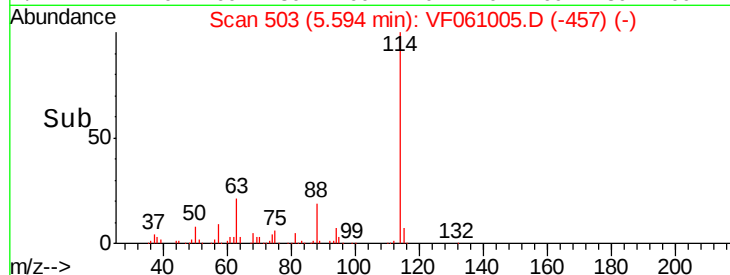
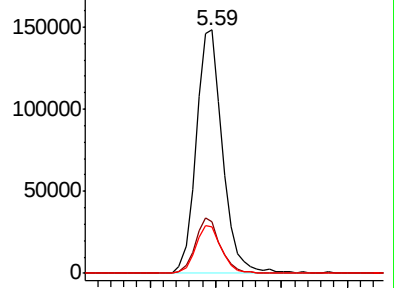
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 0.283 ug/l

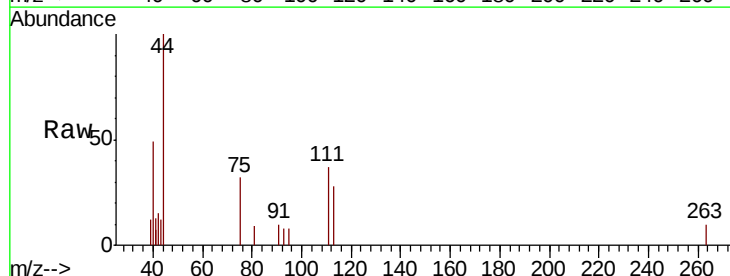
RT: 4.10 min Scan# 352

Delta R.T. -0.05 min

Lab File: VF061005.D

Acq: 12 Dec 2018 19:42

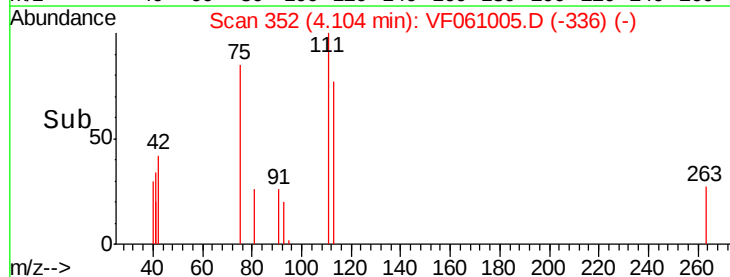
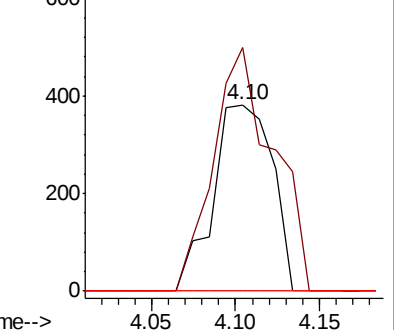
Tgt Ion:	113	Resp:	932
Ion Ratio	Lower	Upper	
113	100		
111	130.6	83.0	124.6#
192	0.0	12.3	18.5#

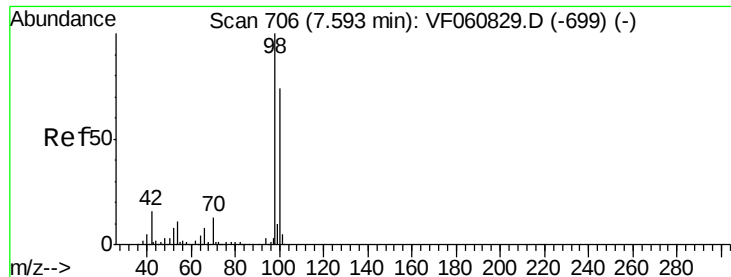


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 36.243 ug/l

RT: 7.55 min Scan# 701

Delta R.T. -0.05 min

Lab File: VF061005.D

Acq: 12 Dec 2018 19:42

Instrument :

MSVOA_F

ClientSampleId :

RBR-200031RE

Tot Ion: 98 Resp: 351395

Ion Ratio Lower Upper

98 100

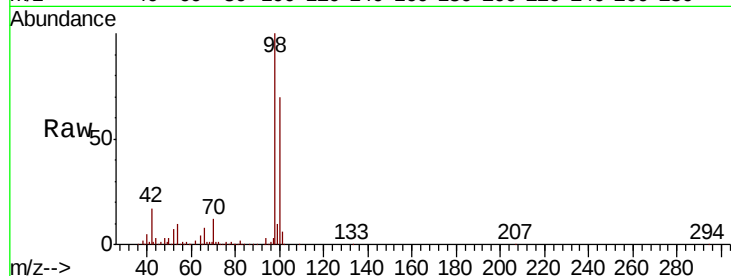
100 70.1 59.3 88.9

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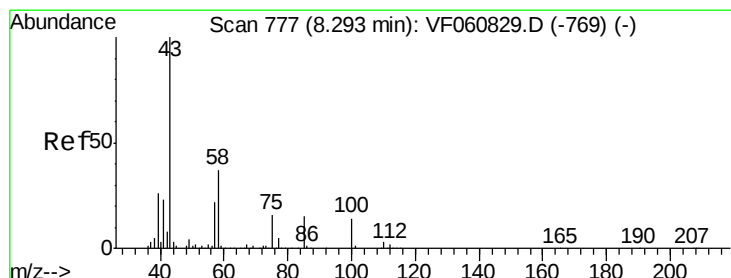
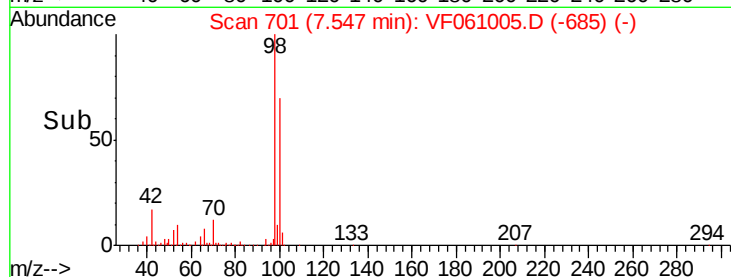
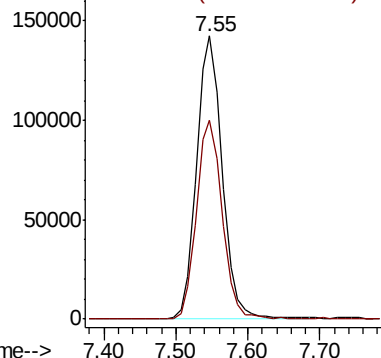
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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#51

4-Methyl-2-Pentanone

Concen: 3.396 ug/l

RT: 8.26 min Scan# 773

Delta R.T. -0.04 min

Lab File: VF061005.D

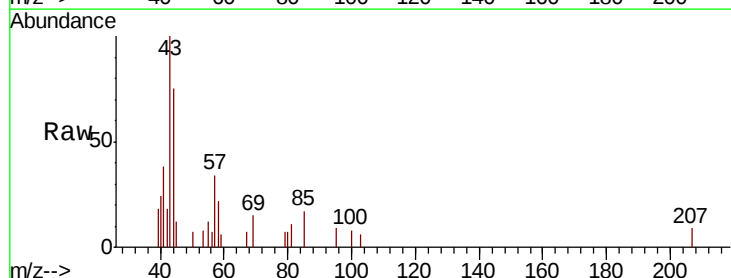
Acq: 12 Dec 2018 19:42

Tgt Ion: 43 Resp: 5857

Ion Ratio Lower Upper

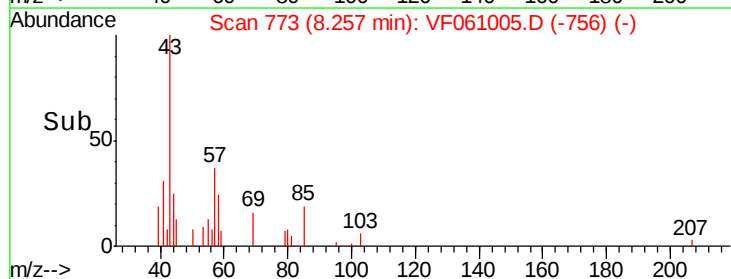
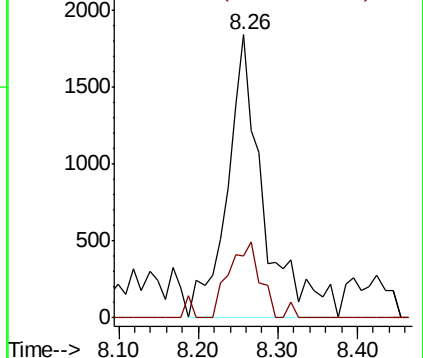
43 100

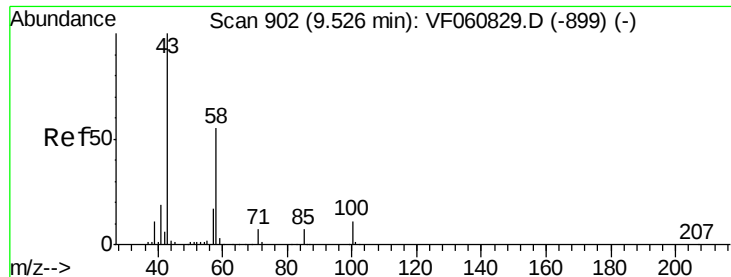
58 21.8 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





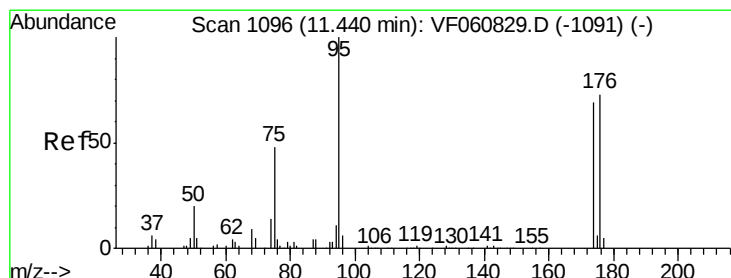
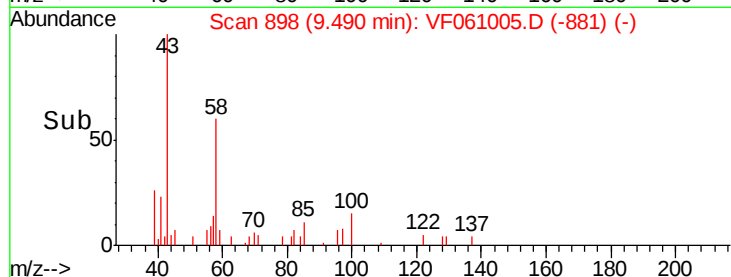
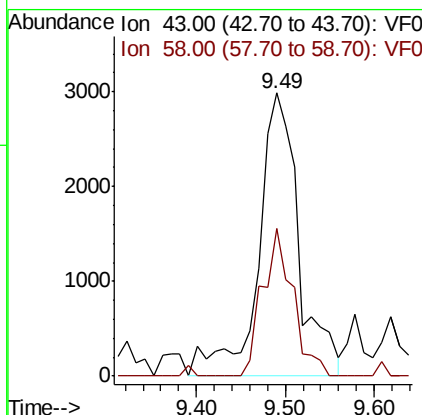
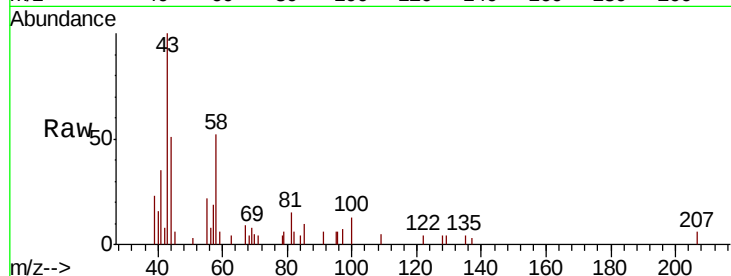
#59
2-Hexanone
Concen: 7.761 ug/l
RT: 9.49 min Scan# 898
Delta R.T. -0.04 min
Lab File: VF061005.D
Acq: 12 Dec 2018 19:42

Instrument :
MSVOA_F
ClientSampleId :
RBR-200031RE

Tot Ion: 43 Resp: 9390
Ion Ratio Lower Upper
43 100
58 52.2 25.6 76.6

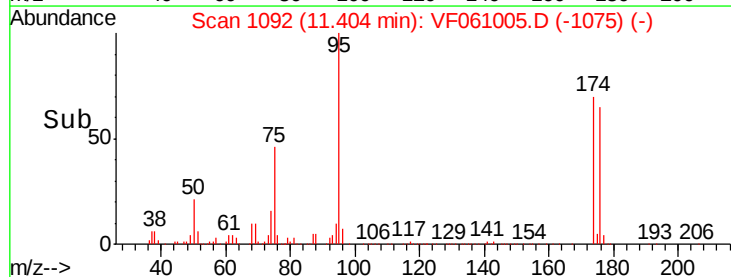
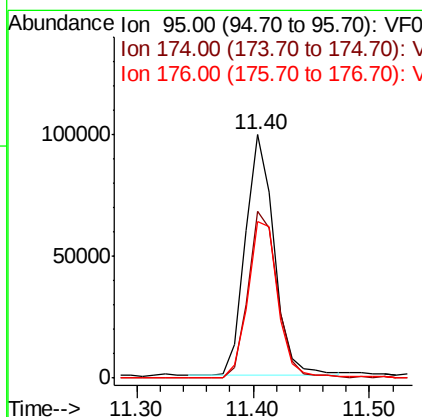
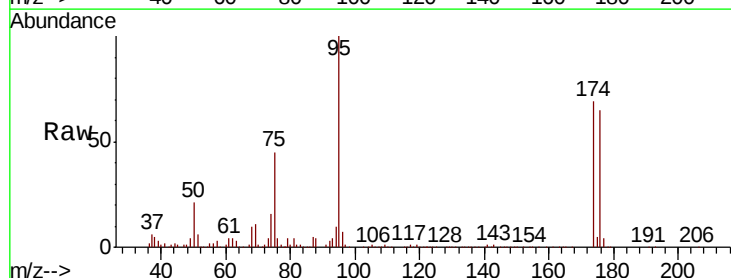
Manual Integrations
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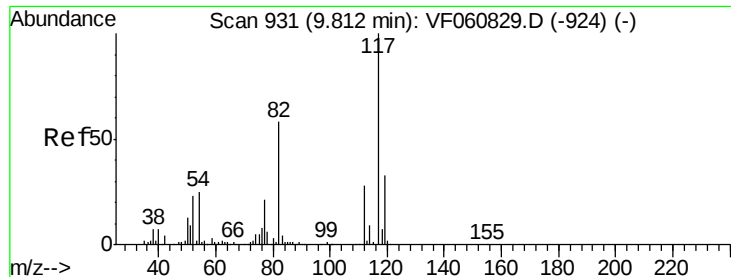
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#62
4-Bromofluorobenzene
Concen: 38.596 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.04 min
Lab File: VF061005.D
Acq: 12 Dec 2018 19:42

Tgt Ion: 95 Resp: 170071
Ion Ratio Lower Upper
95 100
174 68.7 0.0 138.2
176 64.6 0.0 146.2





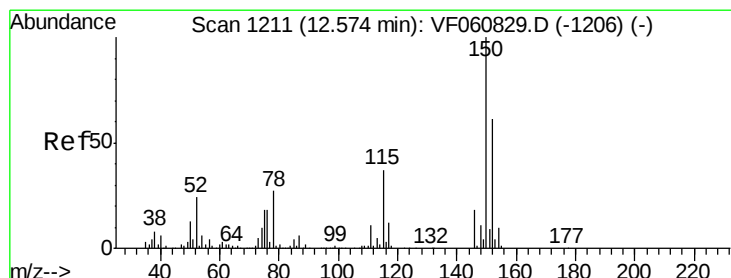
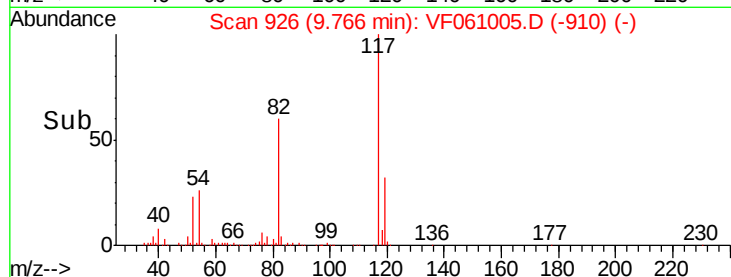
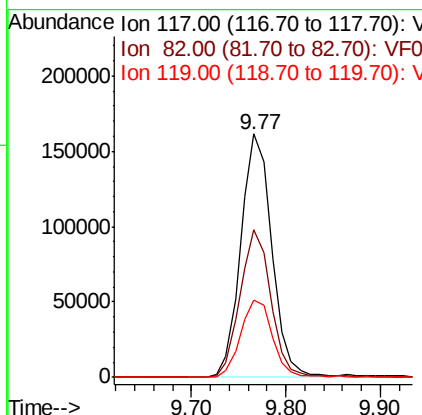
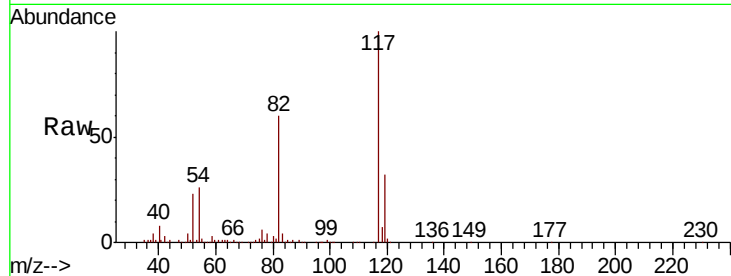
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.05 min
Lab File: VF061005.D
Acq: 12 Dec 2018 19:42

Instrument :
MSVOA_F
ClientSampleId :
RBR-200031RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.4	46.6	69.8
119	31.9	26.4	39.6

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF061005.D
Acq: 12 Dec 2018 19:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	30.1	90.5
150	151.5	0.0	327.6

