

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121118\
 Data File : VF060980.D
 Acq On : 11 Dec 2018 17:01
 Operator : VA/AP
 Sample : J6193-05
 Misc : 6.22g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-121018-C

Manual Integrations
 APPROVED

MMDadoda
 12/12/2018 1:28:46 PM

Quant Time: Dec 12 07:02:05 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	196917	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.60	114	341240	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.79	117	279253	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	110008	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	120034	51.74	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	103.48%	
35) Dibromofluoromethane	4.12	113	85282	31.50	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	63.00%	
50) Toluene-d8	7.56	98	317129	39.77	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	79.54%	
62) 4-Bromofluorobenzene	11.41	95	128188	35.37	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	70.74%	
Target Compounds						
16) Acetone	2.24	43	19919	46.564	ug/l	94
20) Methylene Chloride	2.25	84	27431m	17.480	ug/l	
52) Toluene	7.64	92	15882	2.704	ug/l	92

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

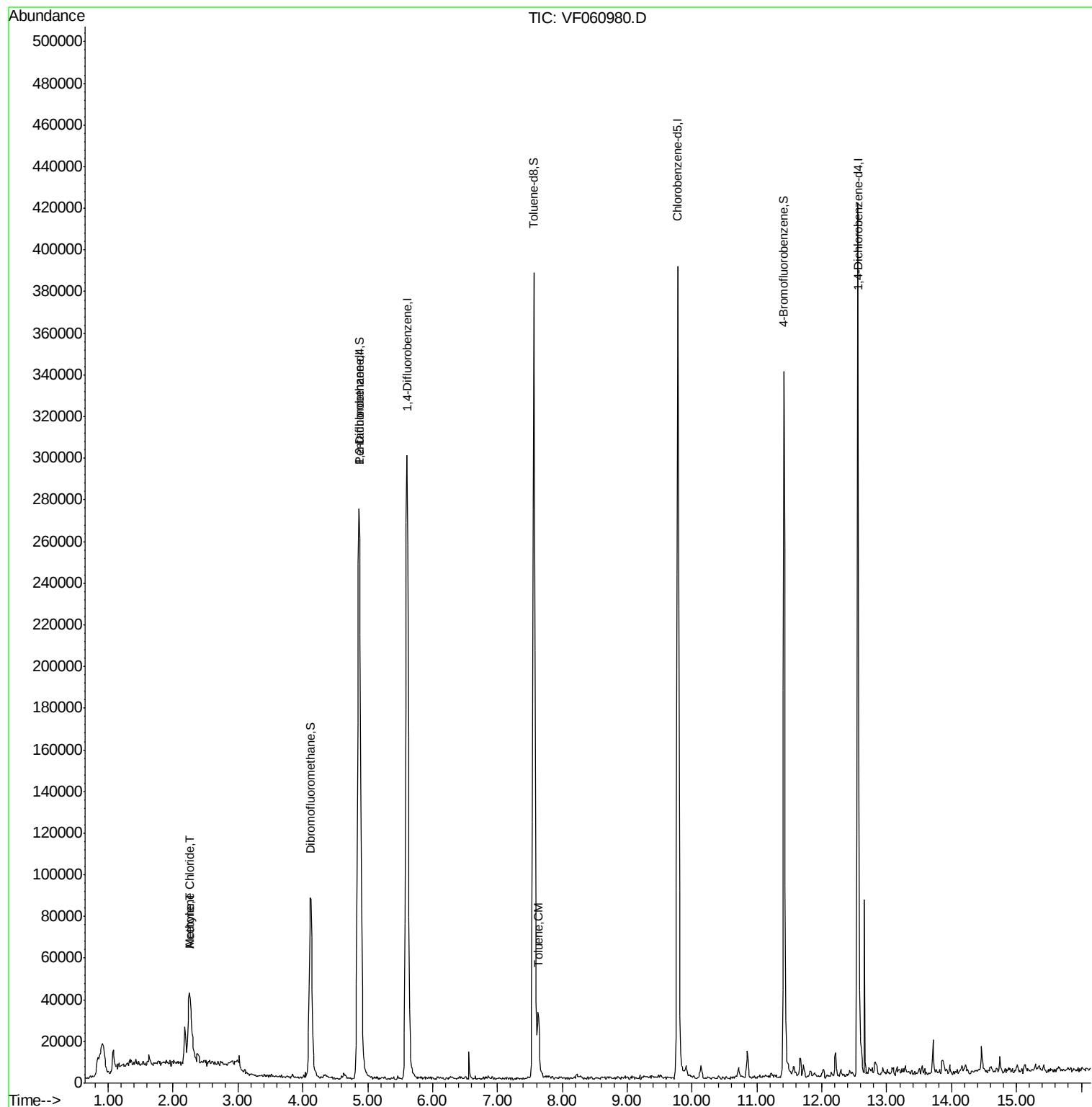
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF121118\
Data File : VF060980.D
Acq On : 11 Dec 2018 17:01
Operator : VA/AP
Sample : J6193-05
Misc : 6.22g/5mL/MSVOA-F/SOIL
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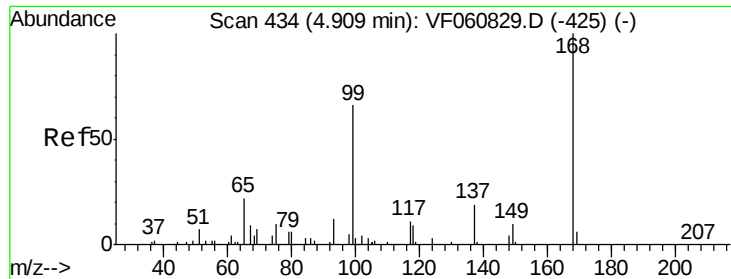
Instrument :
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Quant Time: Dec 12 07:02:05 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.03 min

Lab File: VF060980.D

Acq: 11 Dec 2018 17:01

Instrument :

MSVOA_F

ClientSampleId :

CL-01-121018-C

Tot Ion:168 Resp: 196917

Ion Ratio Lower Upper

168 100

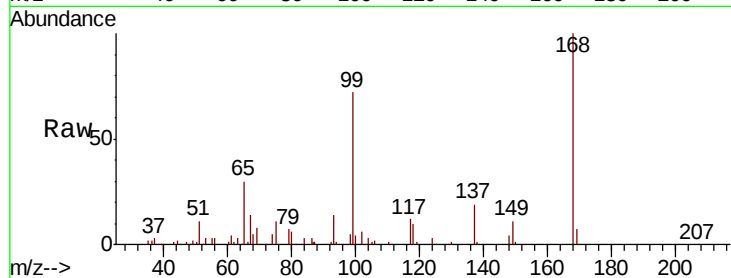
99 71.7 52.6 79.0

Manual Integrations

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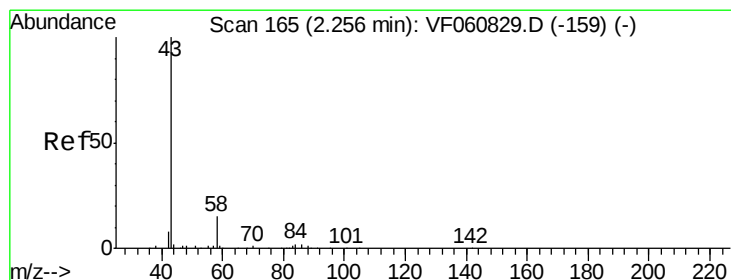
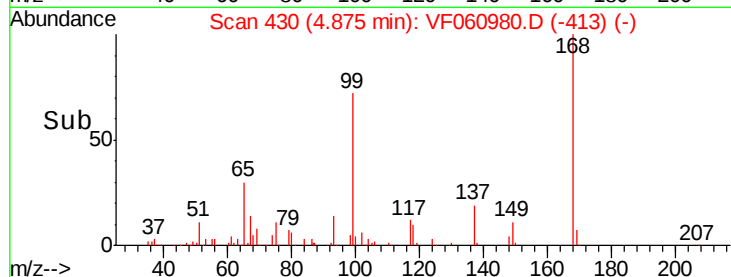
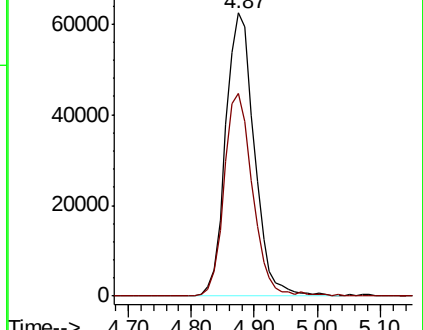
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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 46.564 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.01 min

Lab File: VF060980.D

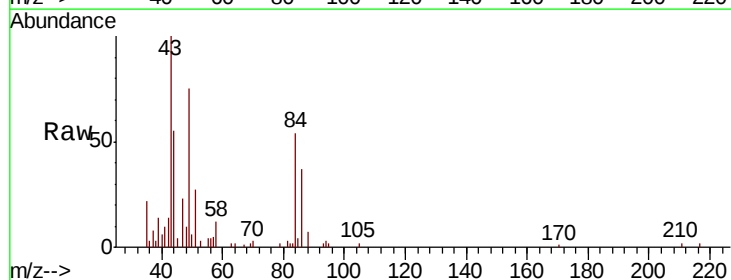
Acq: 11 Dec 2018 17:01

Tgt Ion: 43 Resp: 19919

Ion Ratio Lower Upper

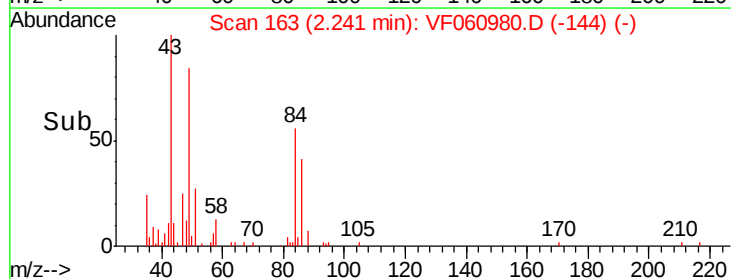
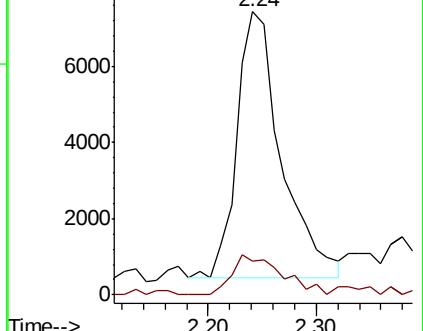
43 100

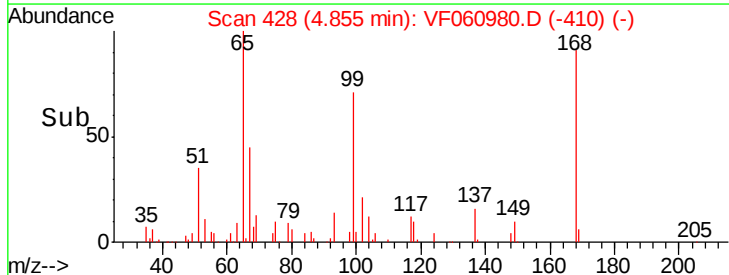
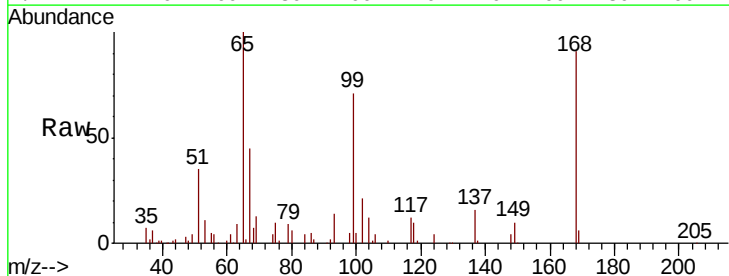
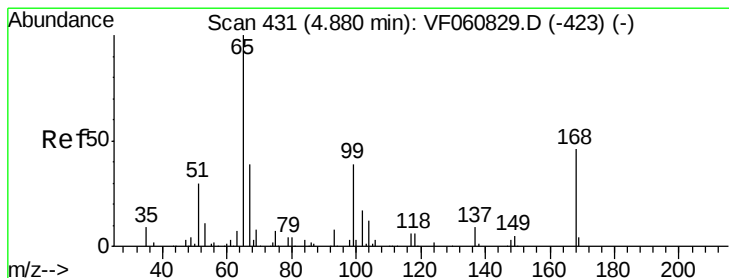
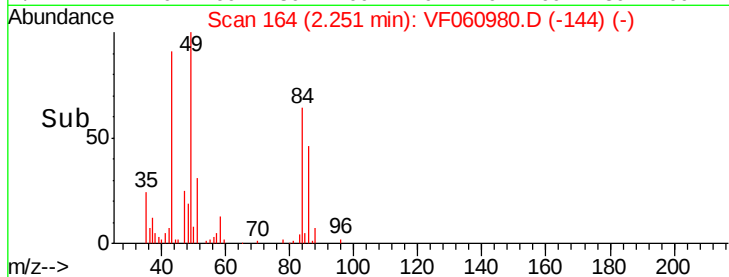
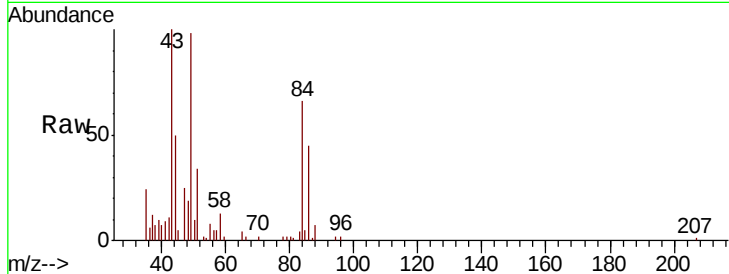
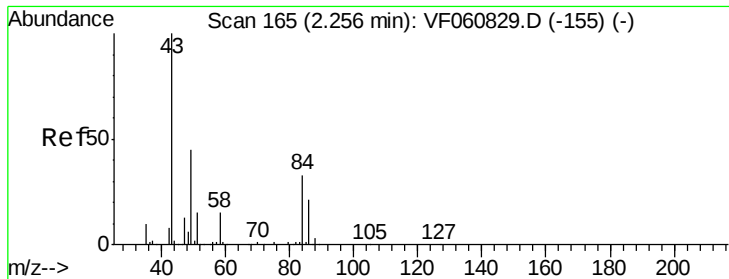
58 11.9 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#20

Methylene Chloride

Concen: 17.480 ug/l m

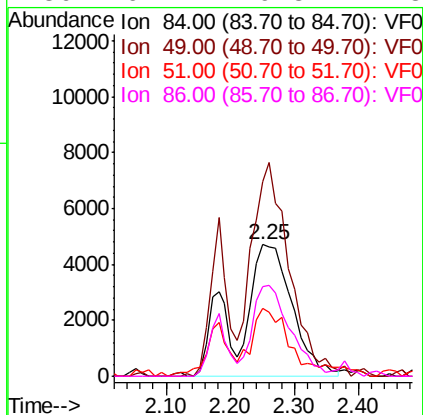
RT: 2.25 min Scan# 164

Delta R.T. -0.00 min

Lab File: VF060980.D

Acq: 11 Dec 2018 17:01

Tot Ion:	84	Resp:	27431
Ion	Ratio	Lower	Upper
84	100		
49	147.7	111.3	166.9
51	51.4	38.0	57.0
86	67.7	49.8	74.8



Instrument :

MSVOA_F

ClientSampleId :

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#33

1,2-Dichloroethane-d4

Concen: 51.744 ug/l

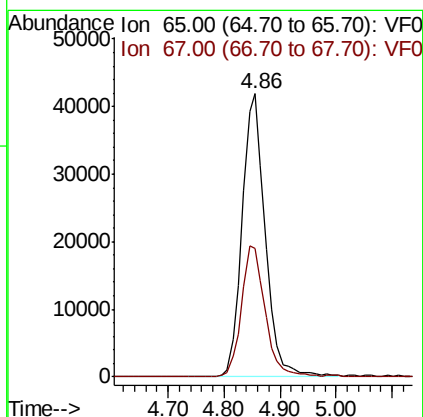
RT: 4.86 min Scan# 428

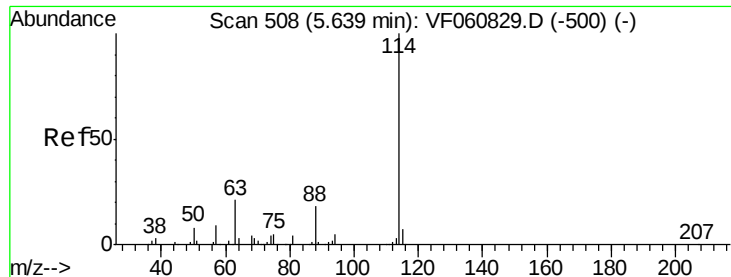
Delta R.T. -0.02 min

Lab File: VF060980.D

Acq: 11 Dec 2018 17:01

Tgt Ion:	65	Resp:	120034
Ion	Ratio	Lower	Upper
65	100		
67	45.4	0.0	96.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.03 min

Lab File: VF060980.D

Acq: 11 Dec 2018 17:01

Instrument :

MSVOA_F

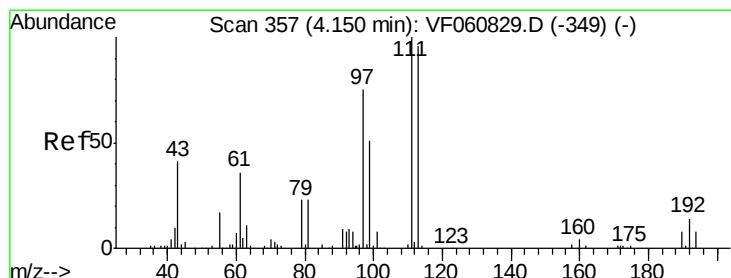
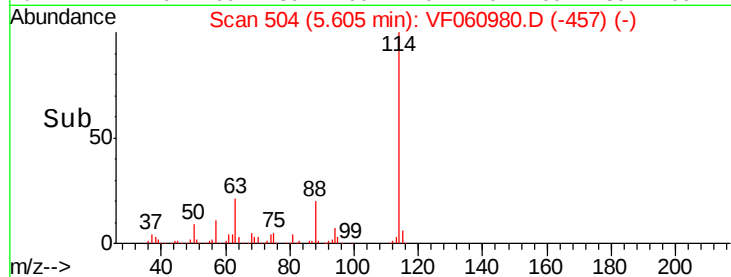
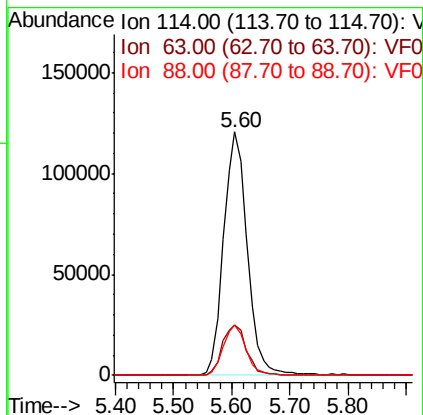
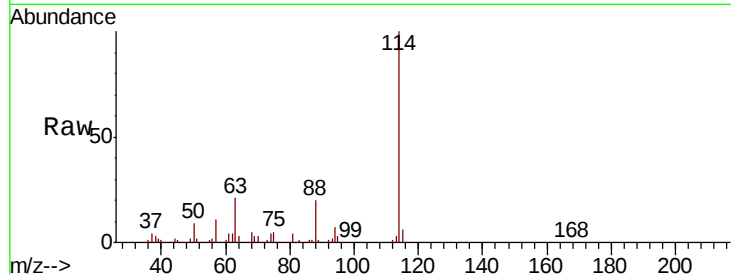
ClientSampleId :

CL-01-121018-C

Tot Ion:	114	Resp:	341240
Ion Ratio	Lower	Upper	
114	100		
63	20.8	0.0	41.6
88	20.4	0.0	36.6

Manual Integrations
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#35

Dibromofluoromethane

Concen: 31.503 ug/l

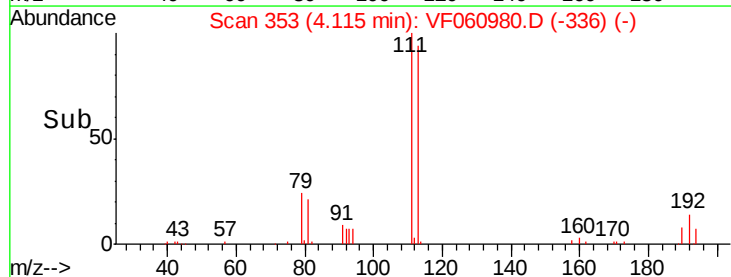
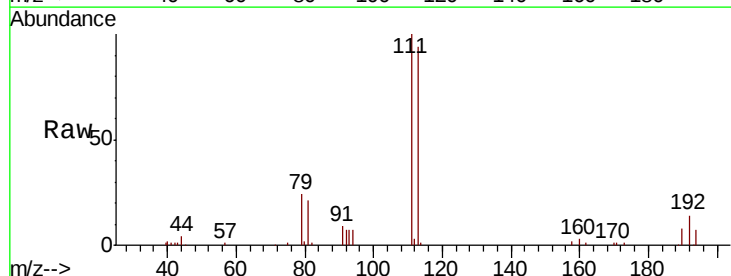
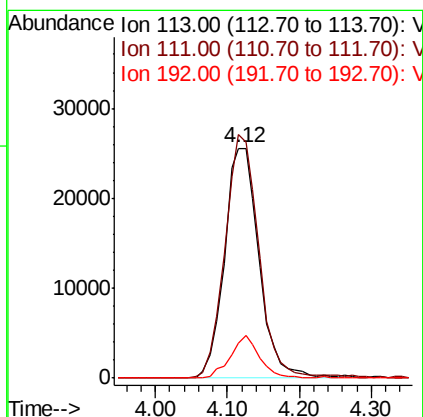
RT: 4.12 min Scan# 353

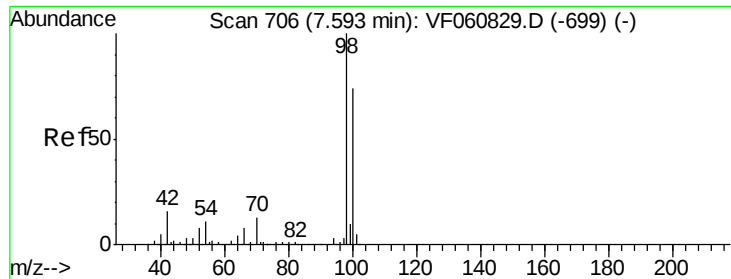
Delta R.T. -0.03 min

Lab File: VF060980.D

Acq: 11 Dec 2018 17:01

Tgt Ion:	113	Resp:	85282
Ion Ratio	Lower	Upper	
113	100		
111	105.8	83.0	124.6
192	14.9	12.3	18.5





#50

Toluene-d8

Concen: 39.768 ug/l

RT: 7.56 min Scan# 702

Delta R.T. -0.03 min

Lab File: VF060980.D

Acq: 11 Dec 2018 17:01

Instrument :

MSVOA_F

ClientSampleId :

CL-01-121018-C

Tot Ion: 98 Resp: 317129

Ion Ratio Lower Upper

98 100

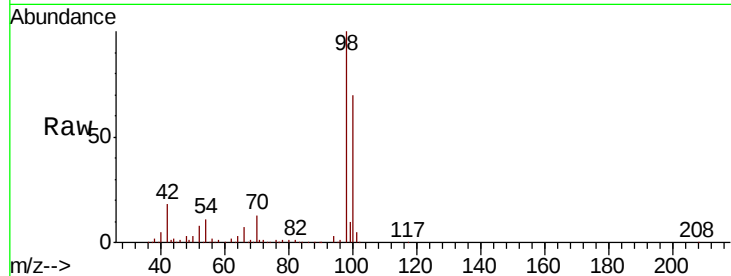
100 69.6 59.3 88.9

Manual Integrations

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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

150000

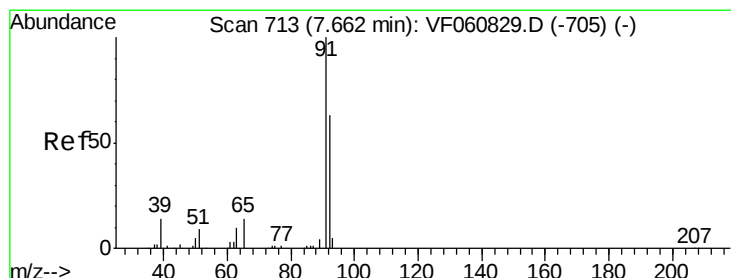
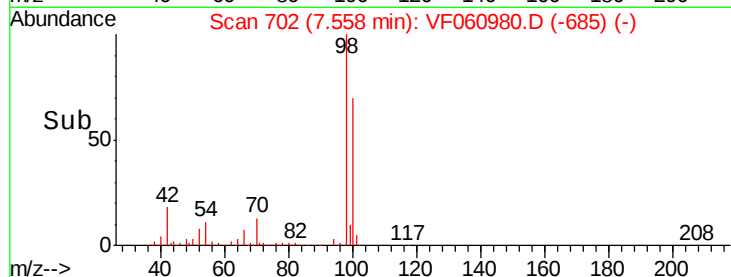
100000

50000

0

7.40 7.50 7.60 7.70

Time-->



#52

Toluene

Concen: 2.704 ug/l

RT: 7.64 min Scan# 710

Delta R.T. -0.02 min

Lab File: VF060980.D

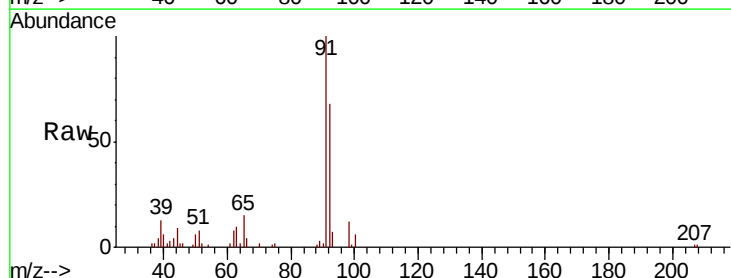
Acq: 11 Dec 2018 17:01

Tgt Ion: 92 Resp: 15882

Ion Ratio Lower Upper

92 100

91 146.8 126.2 189.2



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

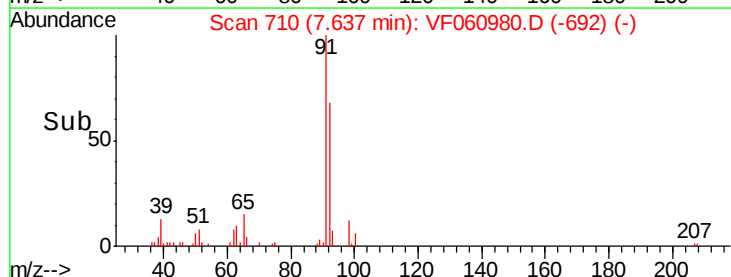
10000

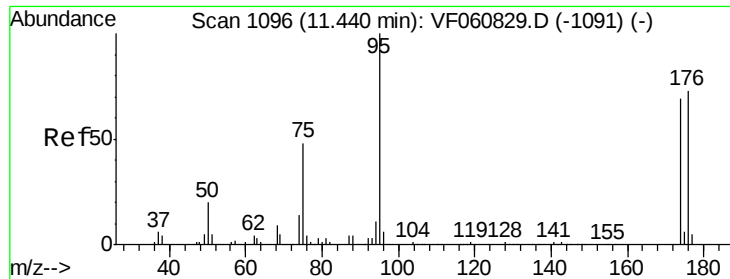
5000

0

7.60 7.70

Time-->





#62

4-Bromofluorobenzene

Concen: 35.369 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.02 min

Lab File: VF060980.D

Acq: 11 Dec 2018 17:01

Instrument :

MSVOA_F

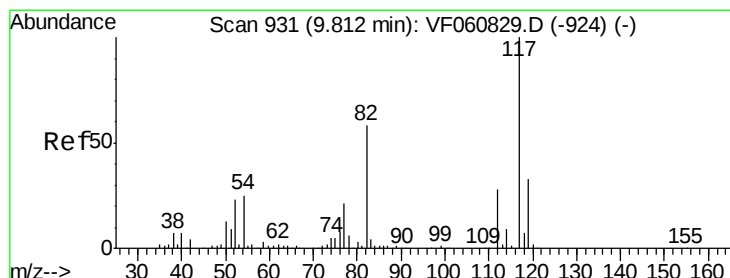
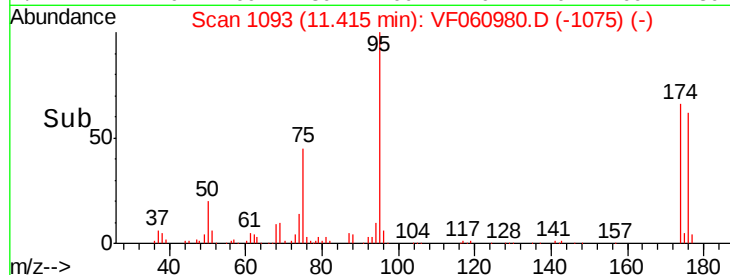
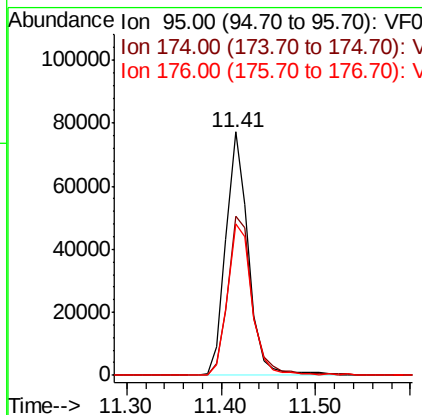
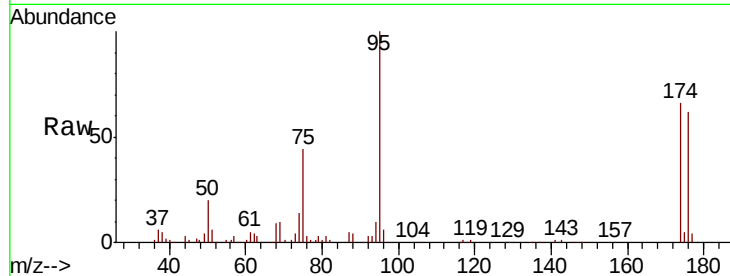
ClientSampleId :

CL-01-121018-C

Tot Ion:	95	Resp:	128188
Ion Ratio	Lower	Upper	
95	100		
174	65.6	0.0	138.2
176	62.0	0.0	146.2

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

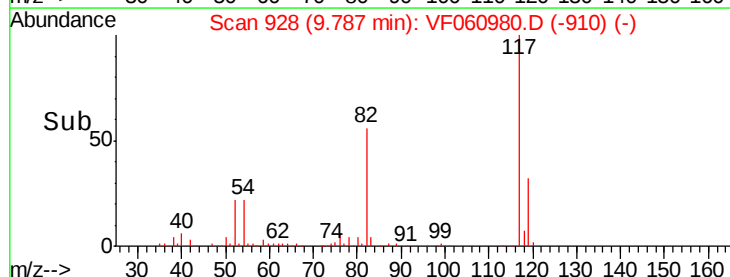
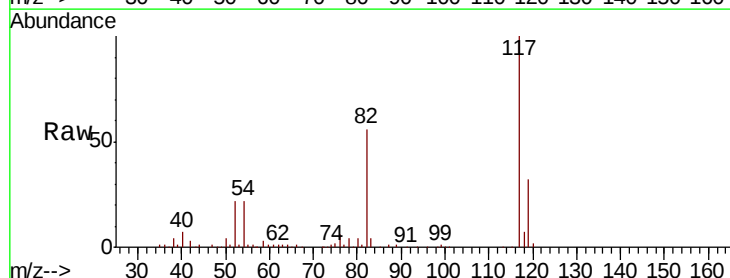
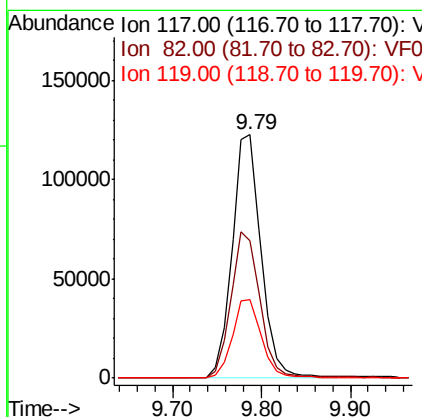
RT: 9.79 min Scan# 928

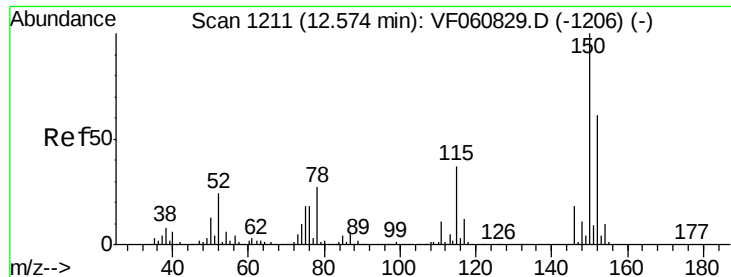
Delta R.T. -0.02 min

Lab File: VF060980.D

Acq: 11 Dec 2018 17:01

Tgt Ion:	117	Resp:	279253
Ion Ratio	Lower	Upper	
117	100		
82	56.2	46.6	69.8
119	32.2	26.4	39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1209

Delta R.T. -0.01 min

Lab File: VF060980.D

Acq: 11 Dec 2018 17:01

Instrument :

MSVOA_F

ClientSampleId :

CL-01-121018-C

Tot Ion:152 Resp: 110008

Ion Ratio Lower Upper

152 100

115 59.5 30.1 90.5

150 156.6 0.0 327.6

Manual Integrations

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