

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF112918\
 Data File : VF060870.D
 Acq On : 29 Nov 2018 16:50
 Operator : VA/AP
 Sample : J5770-13
 Misc : 7.06g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-03-112918-A

Manual Integrations
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Quant Time: Nov 30 06:18:25 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	216207	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.59	114	356743	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.78	117	315712	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.56	152	165162	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	141729	55.65	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	111.30%	
35) Dibromofluoromethane	4.11	113	157905	55.79	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	111.58%	
50) Toluene-d8	7.56	98	395869	47.48	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	94.96%	
62) 4-Bromofluorobenzene	11.41	95	183701	48.48	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	96.96%	
Target Compounds						
20) Methylene Chloride	2.25	84	27550m	15.989	ug/l	
84) 1,2,4-Trimethylbenzene	12.21	105	17254	1.632	ug/l	94
95) Naphthalene	14.46	128	96399	11.066	ug/l	97

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

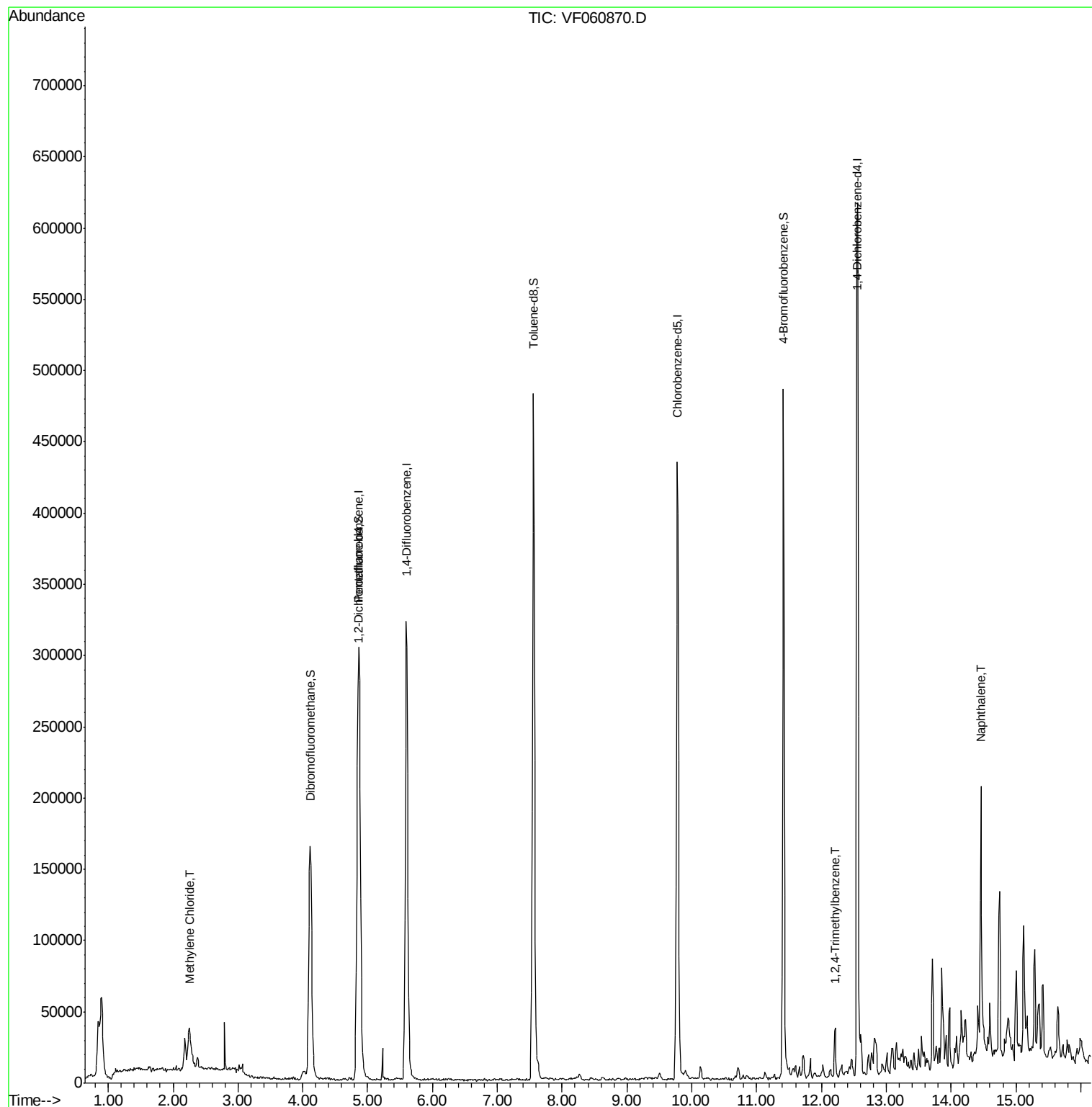
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF112918\
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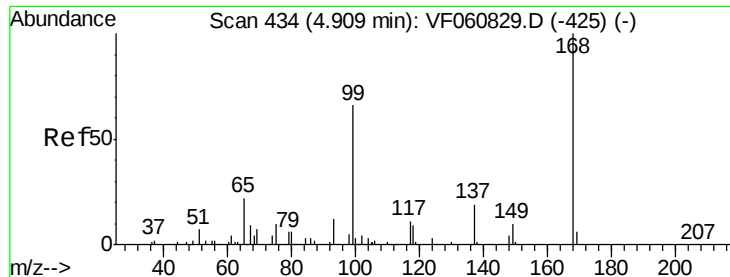
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.04 min

Lab File: VF060870.D

Acq: 29 Nov 2018 16:50

Instrument :

MSVOA_F

ClientSampleId :

OR-03-112918-A

Tot Ion:168 Resp: 216207

Ion Ratio Lower Upper

168 100

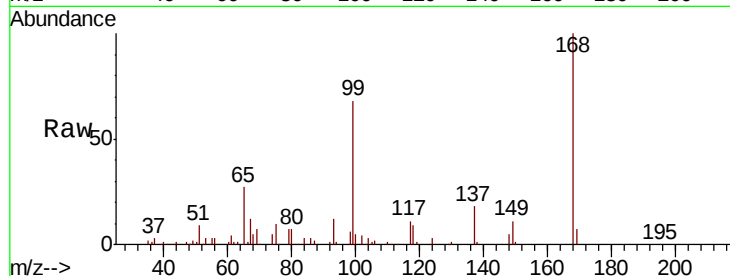
99 67.8 52.6 79.0

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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

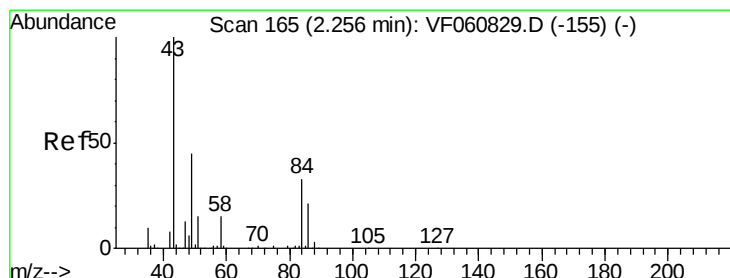
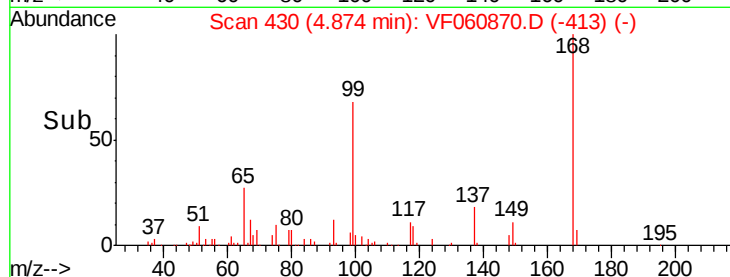
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 15.989 ug/l m

RT: 2.25 min Scan# 164

Delta R.T. -0.01 min

Lab File: VF060870.D

Acq: 29 Nov 2018 16:50

Tgt Ion: 84 Resp: 27550

Ion Ratio Lower Upper

84 100

49 122.1 111.3 166.9

51 46.8 38.0 57.0

86 52.6 49.8 74.8

Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

10000

8000

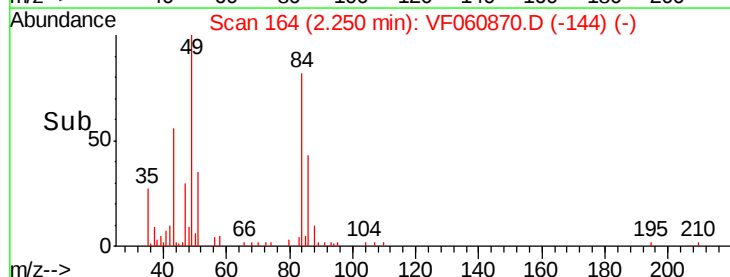
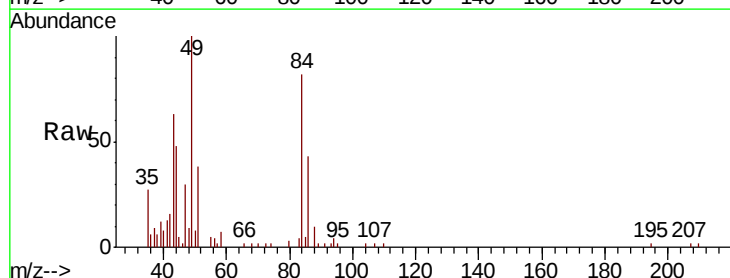
6000

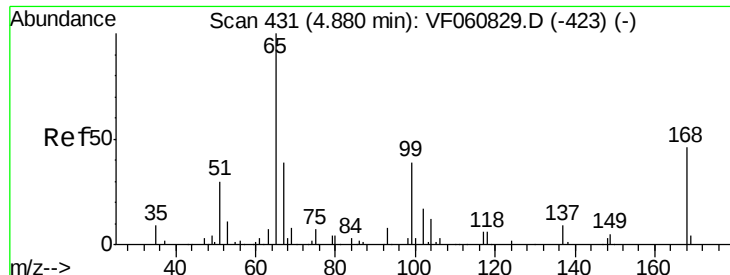
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 55.646 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.04 min

Lab File: VF060870.D

Acq: 29 Nov 2018 16:50

Instrument :

MSVOA_F

ClientSampleId :

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Tot Ion: 65 Resp: 141729

Ion Ratio Lower Upper

65 100

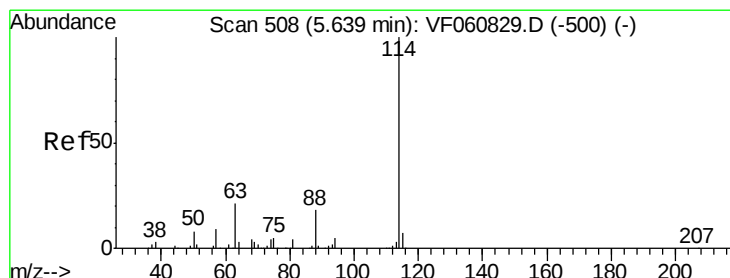
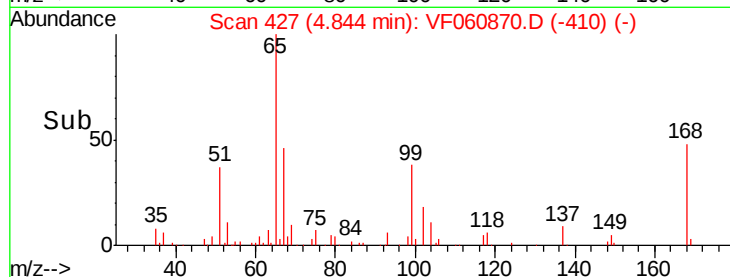
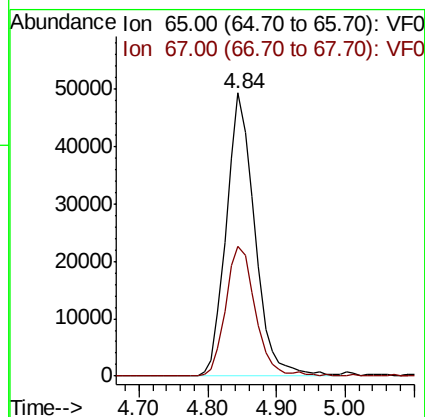
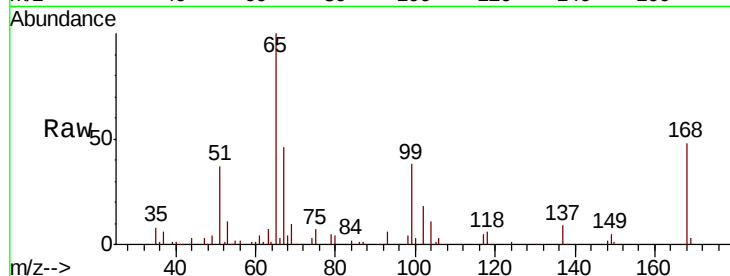
67 45.8 0.0 96.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.05 min

Lab File: VF060870.D

Acq: 29 Nov 2018 16:50

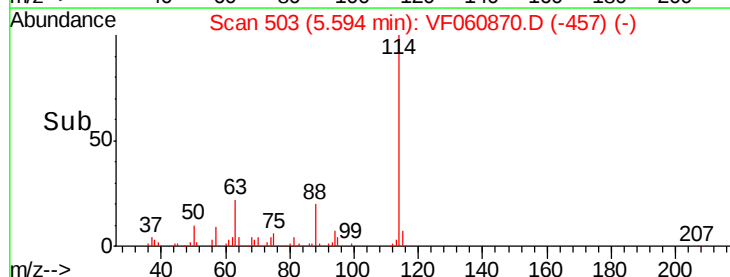
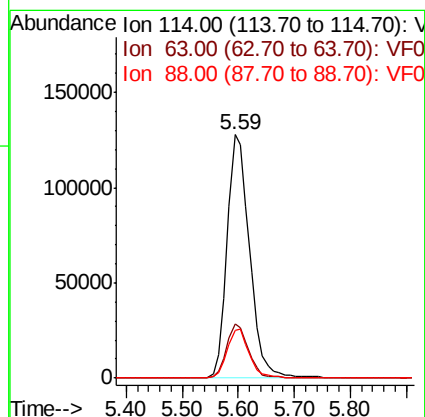
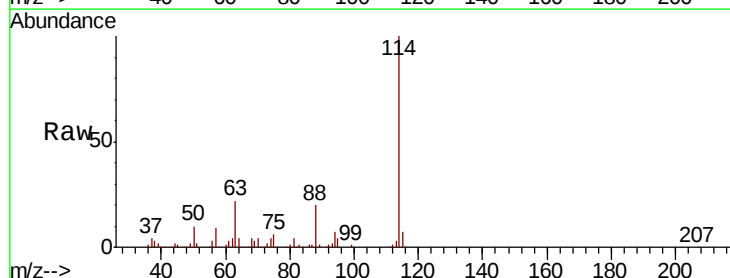
Tgt Ion: 114 Resp: 356743

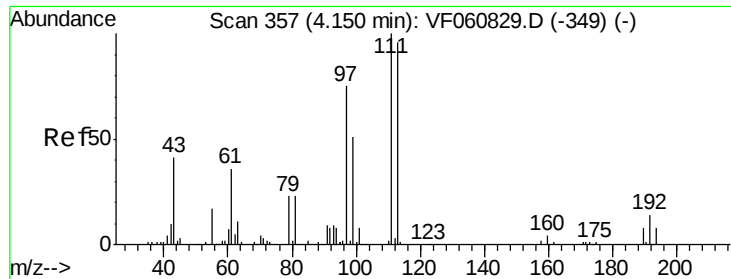
Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.6

88 19.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 55.794 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.04 min

Lab File: VF060870.D

Acq: 29 Nov 2018 16:50

Instrument :

MSVOA_F

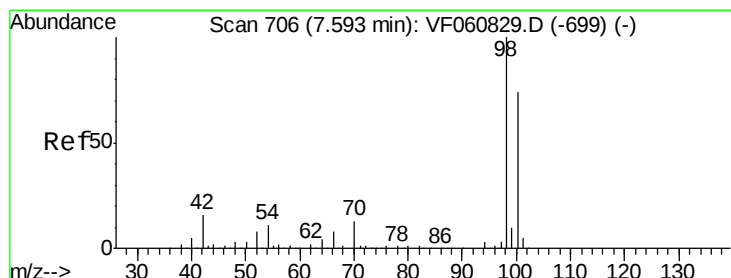
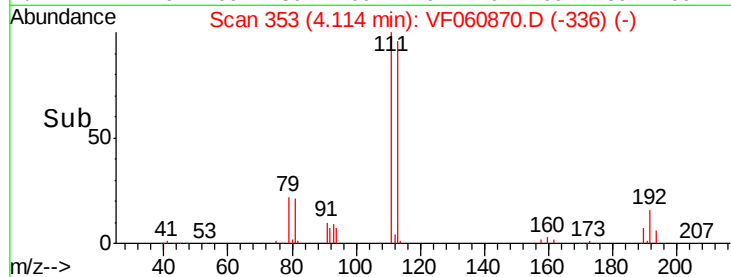
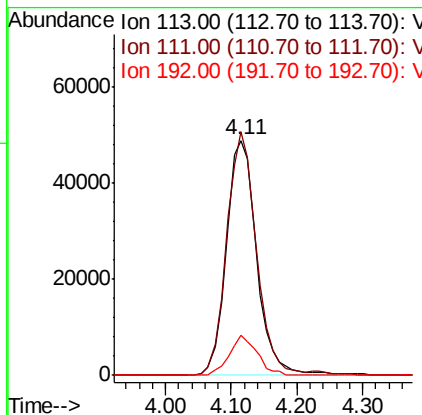
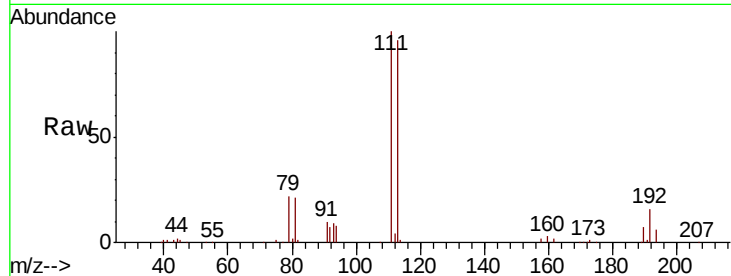
ClientSampleId :

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Tot Ion:	113	Resp:	157905
Ion Ratio	Lower	Upper	
113	100		
111	103.7	83.0	124.6
192	17.1	12.3	18.5

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#50

Toluene-d8

Concen: 47.485 ug/l

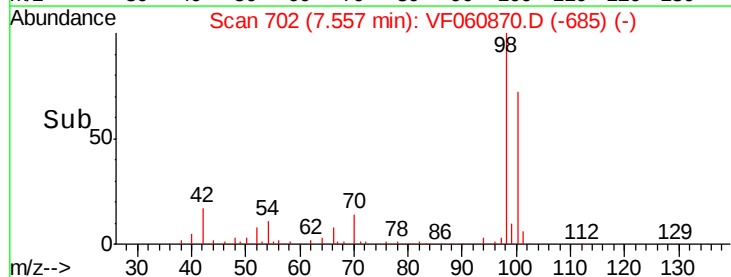
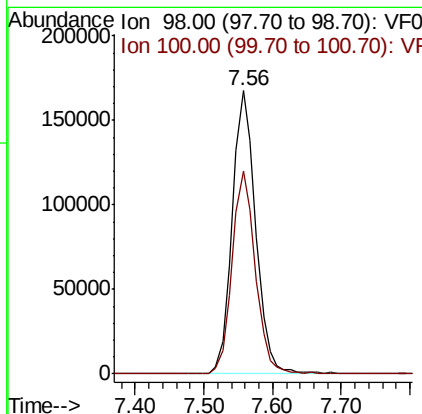
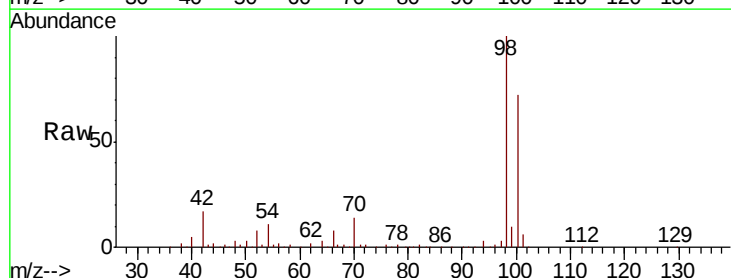
RT: 7.56 min Scan# 702

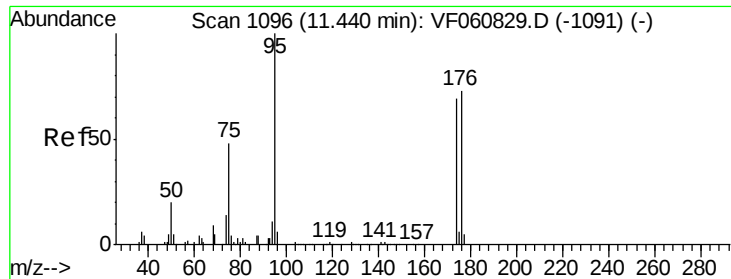
Delta R.T. -0.04 min

Lab File: VF060870.D

Acq: 29 Nov 2018 16:50

Tgt Ion:	98	Resp:	395869
Ion Ratio	Lower	Upper	
98	100		
100	71.6	59.3	88.9





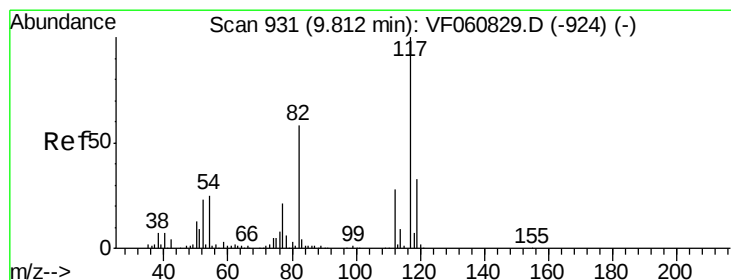
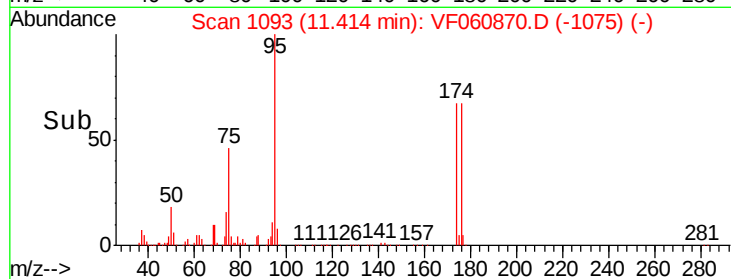
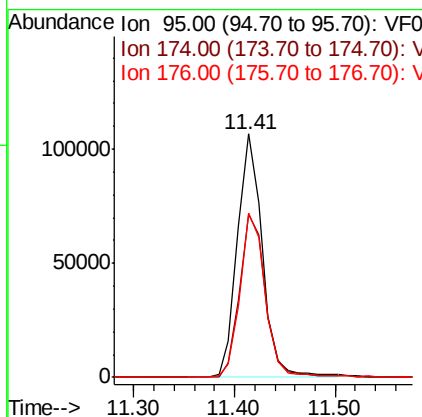
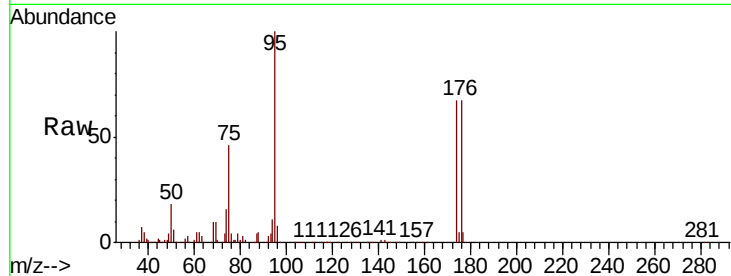
#62
4-Bromofluorobenzene
Concen: 48.484 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF060870.D
Acq: 29 Nov 2018 16:50

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
95	100		
174	66.9	0.0	138.2
176	67.4	0.0	146.2

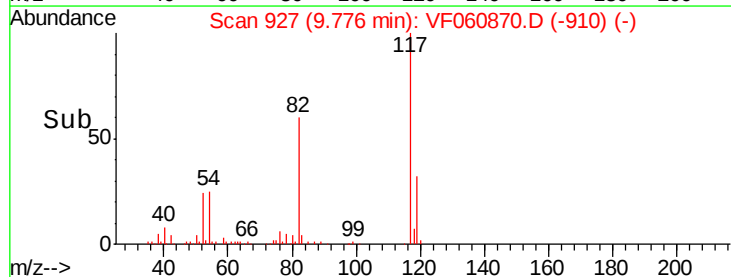
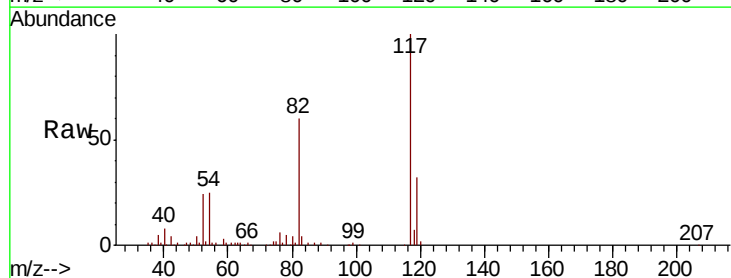
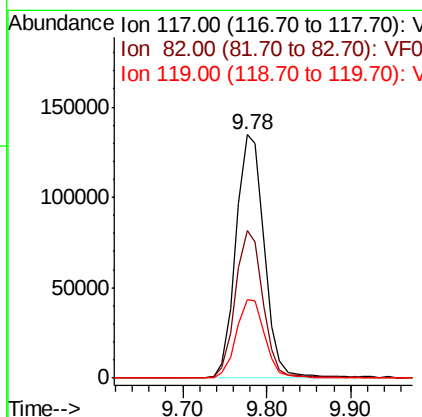
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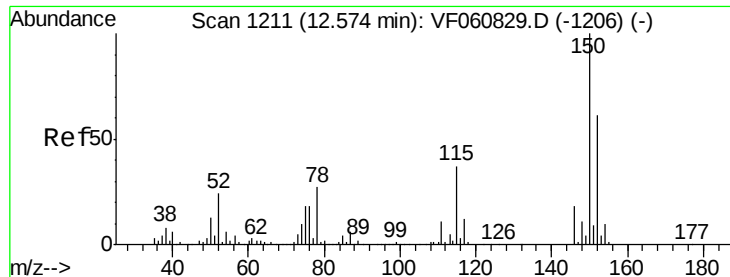
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060870.D
Acq: 29 Nov 2018 16:50

Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.4	46.6	69.8
119	32.4	26.4	39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1209

Delta R.T. -0.02 min

Lab File: VF060870.D

Acq: 29 Nov 2018 16:50

Instrument :

MSVOA_F

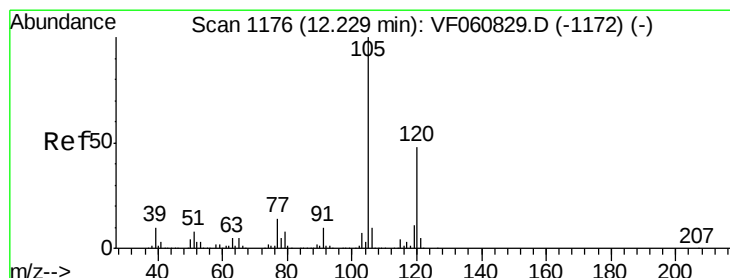
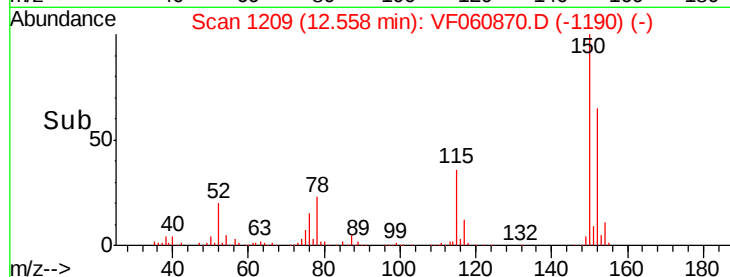
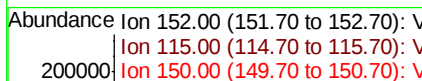
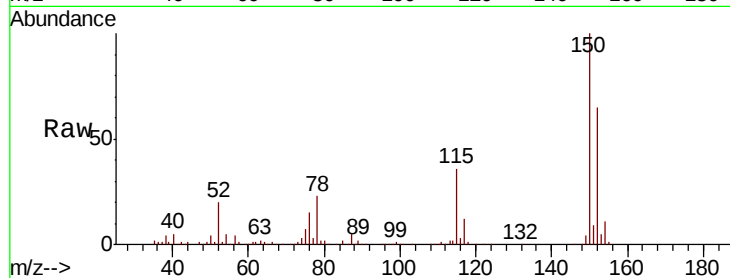
ClientSampleId :

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Tot Ion:	152	Resp:	165162
Ion Ratio	Lower	Upper	
152	100		
115	56.1	30.1	90.5
150	154.7	0.0	327.6

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#84

1,2,4-Trimethylbenzene

Concen: 1.632 ug/l

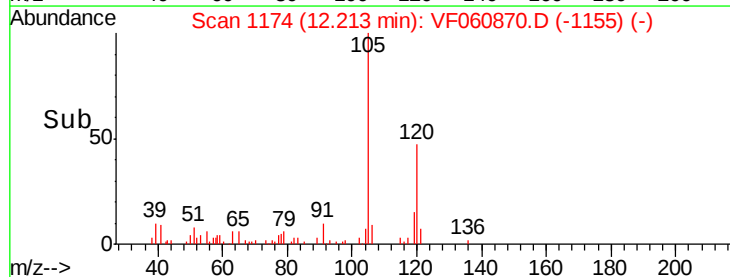
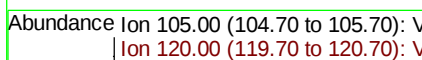
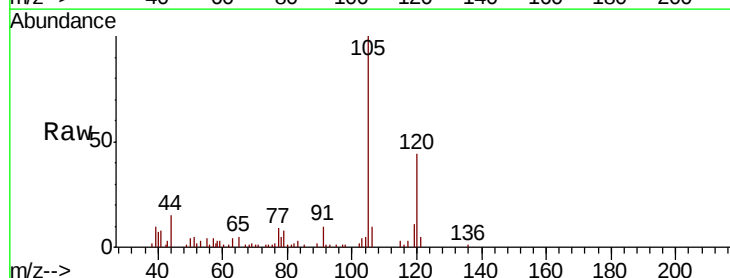
RT: 12.21 min Scan# 1174

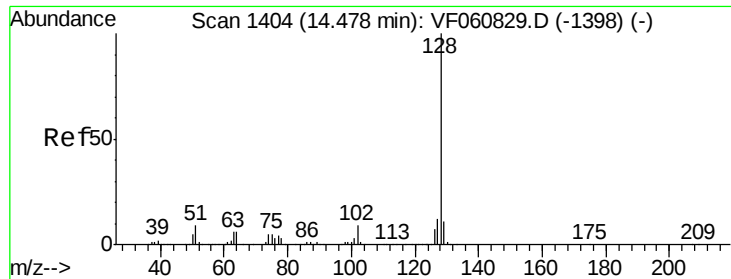
Delta R.T. -0.02 min

Lab File: VF060870.D

Acq: 29 Nov 2018 16:50

Tgt Ion:	105	Resp:	17254
Ion Ratio	Lower	Upper	
105	100		
120	43.5	23.8	71.5





#95
Naphthalene
Concen: 11.066 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. -0.02 min
Lab File: VF060870.D
Acq: 29 Nov 2018 16:50

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MSVOA_F
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Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	14.4	9.9	14.9
129	11.7	9.1	13.7

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