

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100318\
 Data File : VF060433.D
 Acq On : 3 Oct 2018 23:46
 Operator : VA/AP
 Sample : J5198-07
 Misc : 6.18/5mL/MSVOA F/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-100218-D

Manual Integrations
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Quant Time: Oct 04 07:13:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	251732	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.75	114	428577	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	322285	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	133984	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	200379	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
35) Dibromofluoromethane	4.28	113	226723	56.31	ug/l	0.01
Spiked Amount 50.000			Recovery	=	112.62%	
50) Toluene-d8	7.69	98	443663	44.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.48%	
62) 4-Bromofluorobenzene	11.50	95	169235	37.38	ug/l	0.01
Spiked Amount 50.000			Recovery	=	74.76%	
Target Compounds						
20) Methylene Chloride	2.27	84	43006m	10.567	ug/l	
84) 1,2,4-Trimethylbenzene	12.28	105	14625	1.645	ug/l	91
95) Naphthalene	14.52	128	9040	1.591	ug/l #	86

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

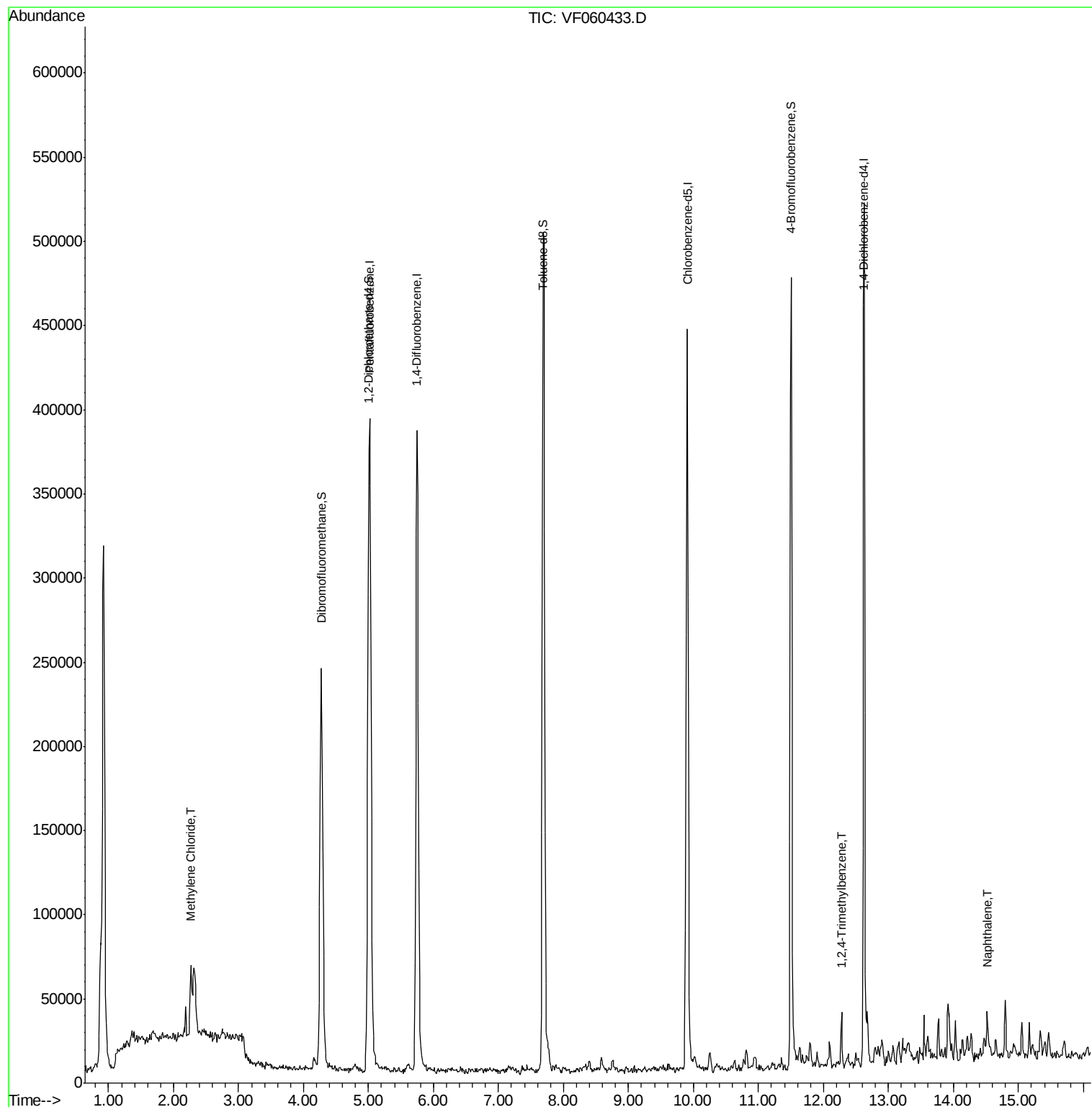
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF100318\
Data File : VF060433.D
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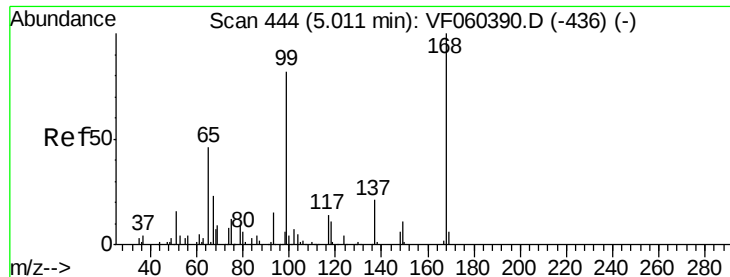
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Quant Time: Oct 04 07:13:58 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. 0.01 min

Lab File: VF060433.D

Acq: 3 Oct 2018 23:46

Instrument :

MSVOA_F

ClientSampleId :

CL-01-100218-D

Tot Ion:168 Resp: 251732

Ion Ratio Lower Upper

168 100

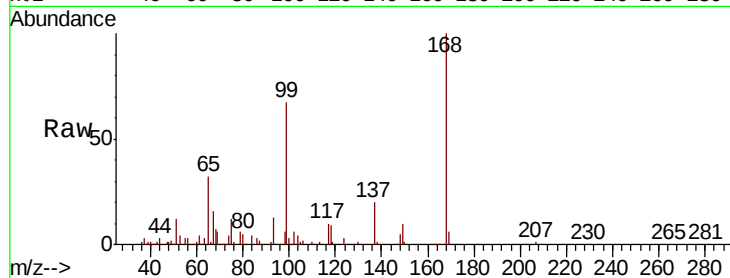
99 67.5 65.3 97.9

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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.03

80000

60000

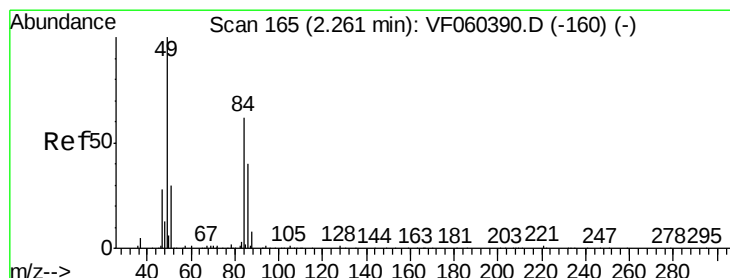
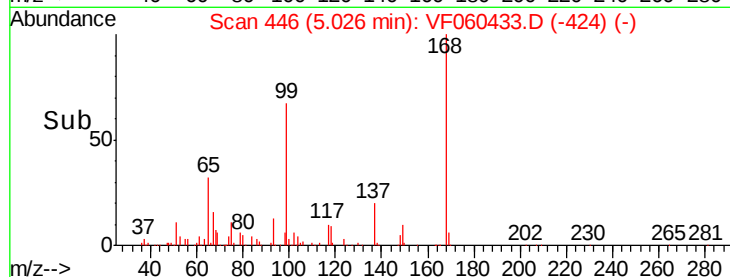
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#20

Methylene Chloride

Concen: 10.567 ug/l m

RT: 2.27 min Scan# 166

Delta R.T. 0.01 min

Lab File: VF060433.D

Acq: 3 Oct 2018 23:46

Tgt Ion: 84 Resp: 43006

Ion Ratio Lower Upper

84 100

49 150.9 130.2 195.2

51 42.8 41.0 61.6

86 58.1 51.5 77.3

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

20000

15000

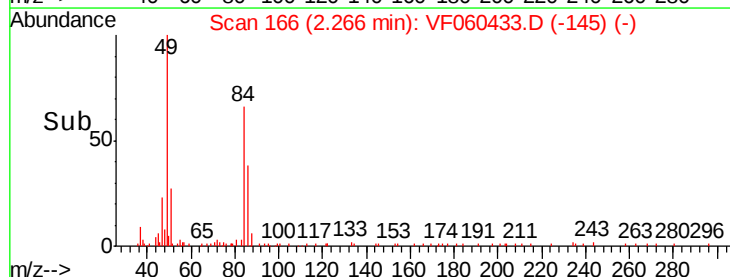
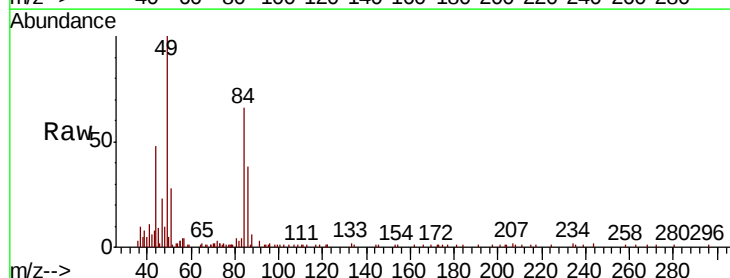
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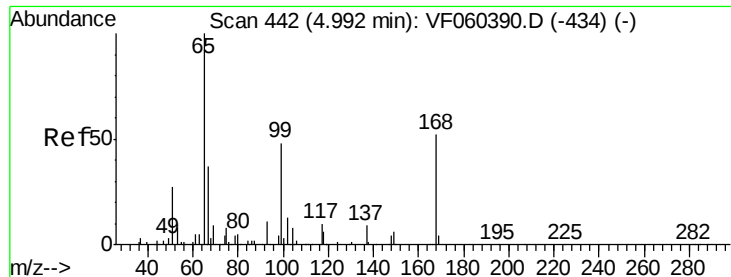
5000

0

Time-->

2.20 2.30 2.40





#33

1,2-Dichloroethane-d4

Concen: 50.870 ug/l

RT: 5.00 min Scan# 443

Delta R.T. 0.00 min

Lab File: VF060433.D

Acq: 3 Oct 2018 23:46

Instrument :

MSVOA_F

ClientSampleId :

CL-01-100218-D

Tot Ion: 65 Resp: 200379

Ion Ratio Lower Upper

65 100

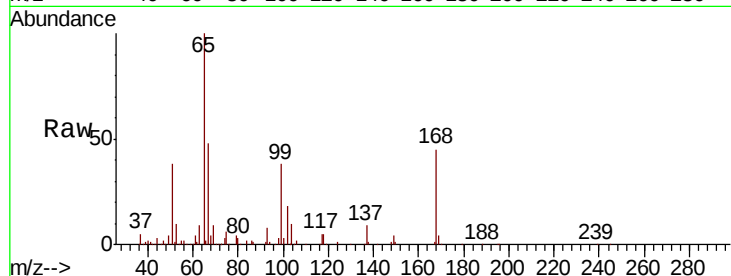
67 47.9 0.0 89.4

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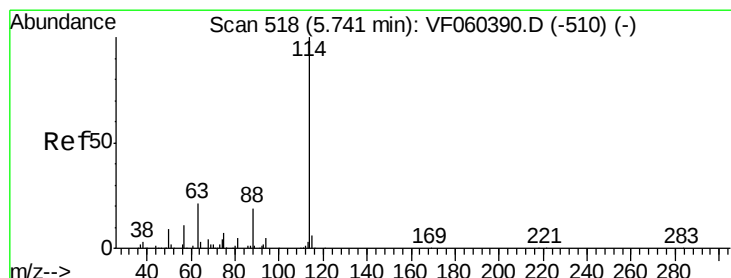
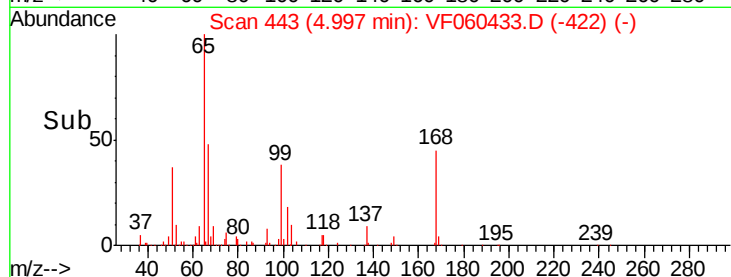
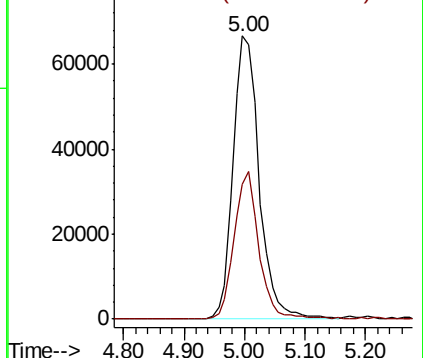
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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 519

Delta R.T. 0.00 min

Lab File: VF060433.D

Acq: 3 Oct 2018 23:46

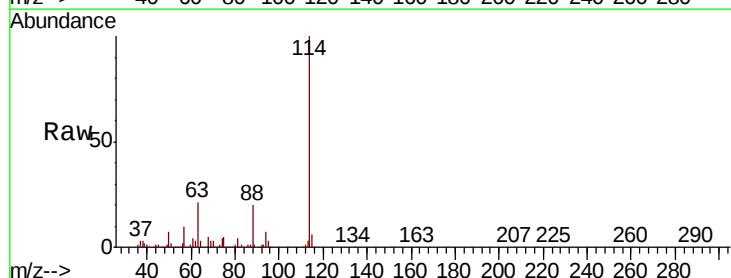
Tgt Ion: 114 Resp: 428577

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.2

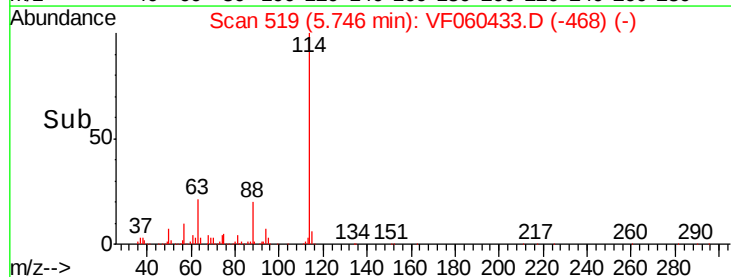
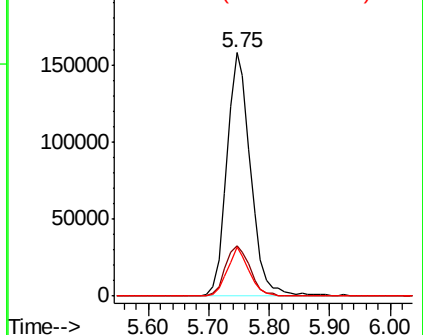
88 20.4 0.0 38.8

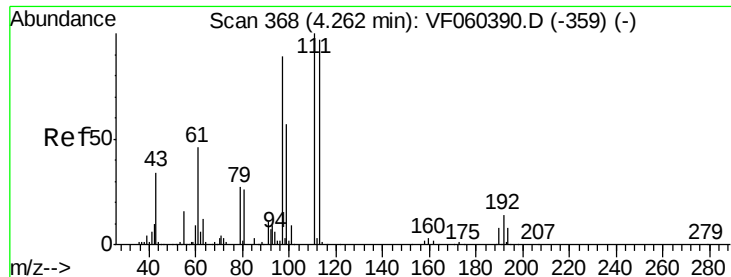


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 56.312 ug/l

RT: 4.28 min Scan# 370

Delta R.T. 0.01 min

Lab File: VF060433.D

Acq: 3 Oct 2018 23:46

Instrument :

MSVOA_F

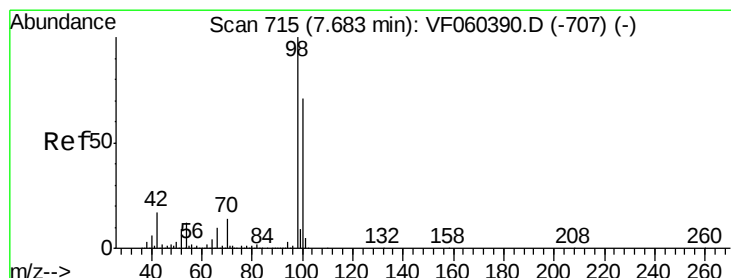
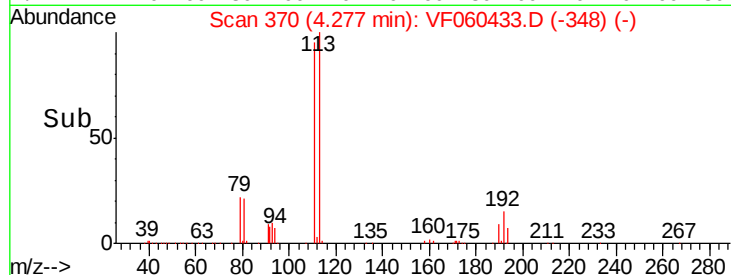
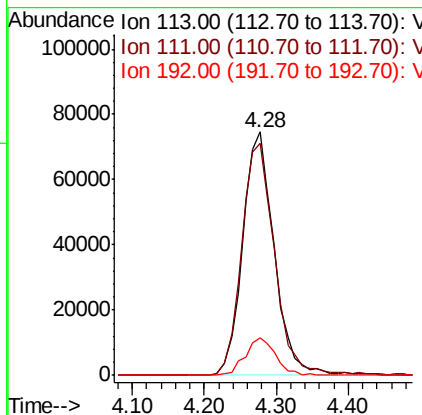
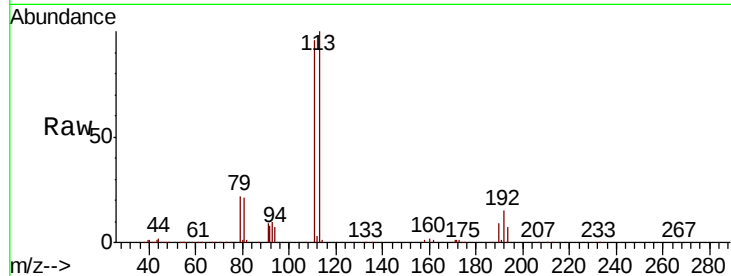
ClientSampleId :

CL-01-100218-D

Tot Ion:	113	Resp:	226723
Ion Ratio	Lower	Upper	
113	100		
111	95.6	82.3	123.5
192	15.3	11.8	17.6

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#50

Toluene-d8

Concen: 44.743 ug/l

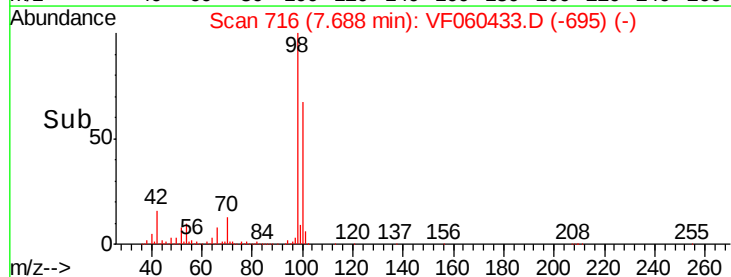
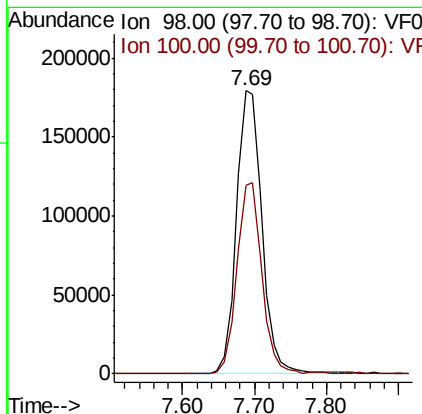
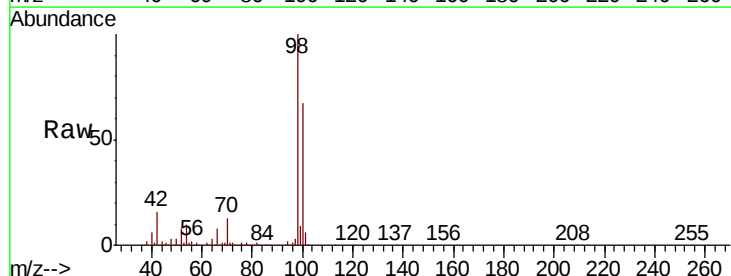
RT: 7.69 min Scan# 716

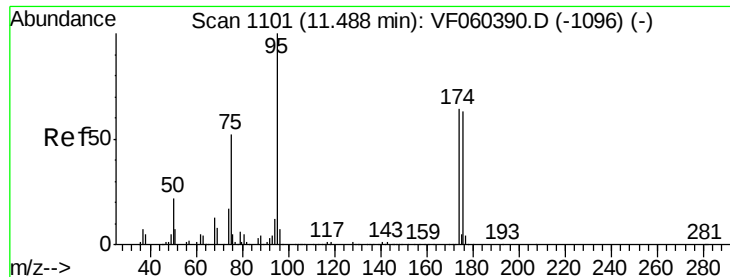
Delta R.T. 0.00 min

Lab File: VF060433.D

Acq: 3 Oct 2018 23:46

Tgt Ion:	98	Resp:	443663
Ion Ratio	Lower	Upper	
98	100		
100	66.7	56.5	84.7





#62

4-Bromofluorobenzene

Concen: 37.379 ug/l

RT: 11.50 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VF060433.D

Acq: 3 Oct 2018 23:46

Instrument :

MSVOA_F

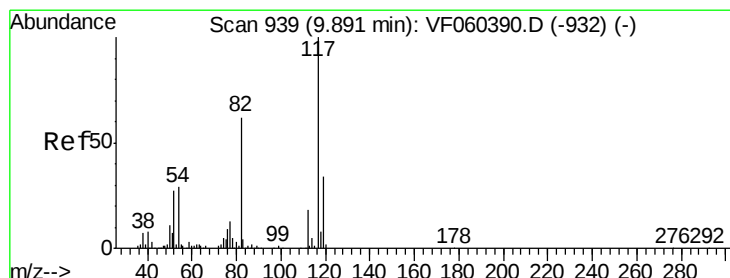
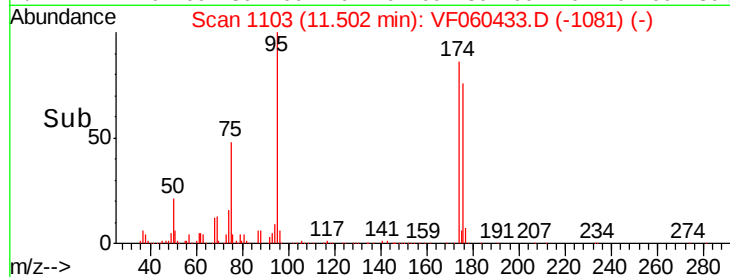
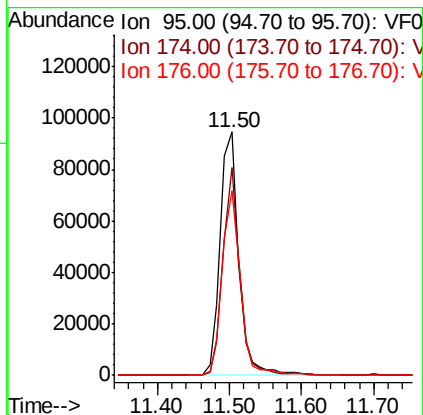
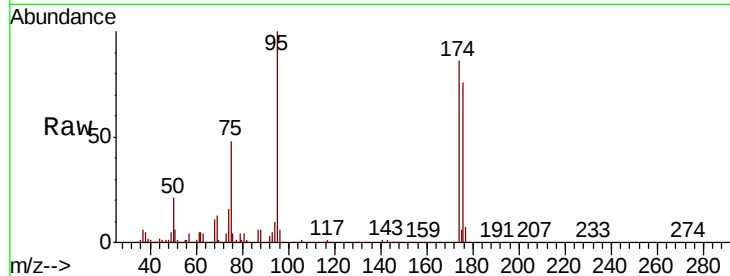
ClientSampleId :

CL-01-100218-D

Tot Ion:	95	Resp:	169235
Ion Ratio	Lower	Upper	
95	100		
174	85.5	0.0	129.0
176	75.6	0.0	125.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

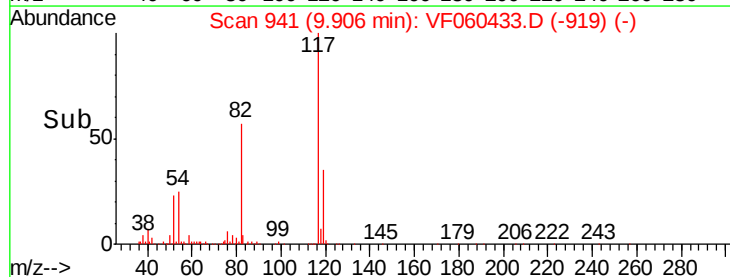
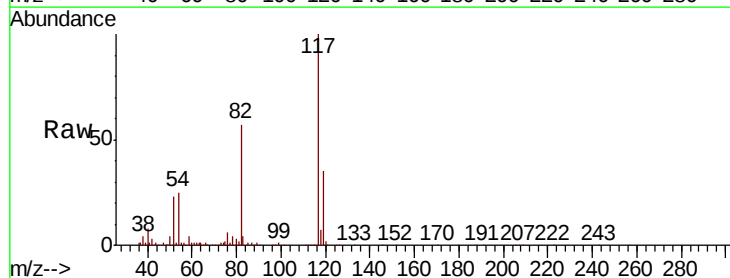
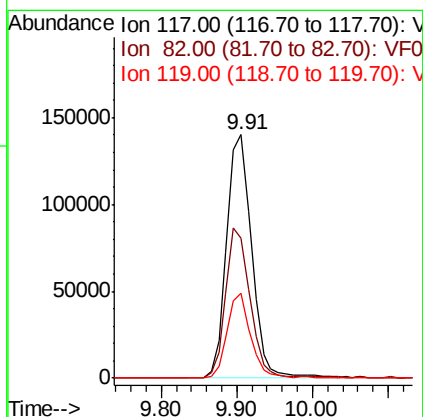
RT: 9.91 min Scan# 941

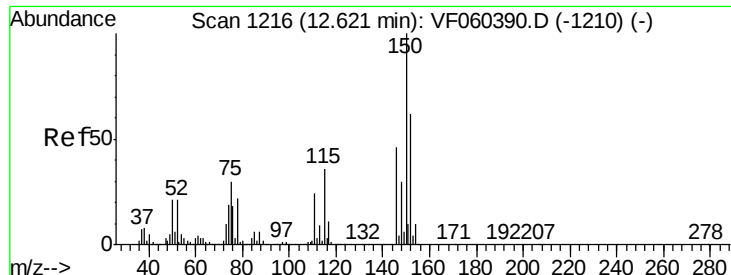
Delta R.T. 0.01 min

Lab File: VF060433.D

Acq: 3 Oct 2018 23:46

Tgt Ion:	117	Resp:	322285
Ion Ratio	Lower	Upper	
117	100		
82	57.3	49.5	74.3
119	34.8	27.0	40.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.63 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VF060433.D

Acq: 3 Oct 2018 23:46

Instrument :

MSVOA_F

ClientSampleId :

CL-01-100218-D

Tot Ion:152 Resp: 133984

Ion Ratio Lower Upper

152 100

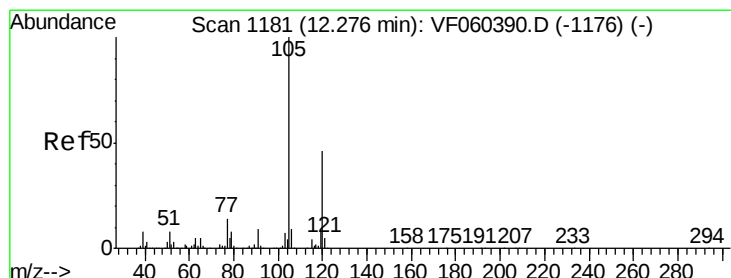
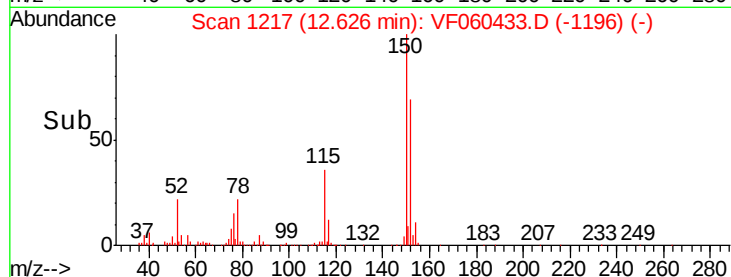
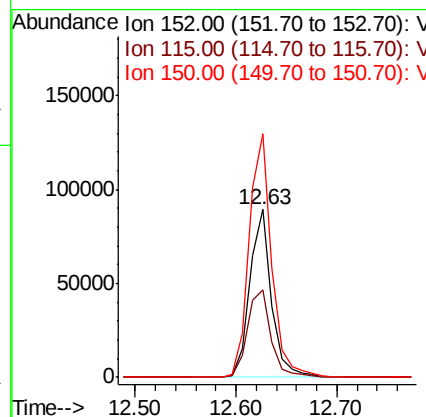
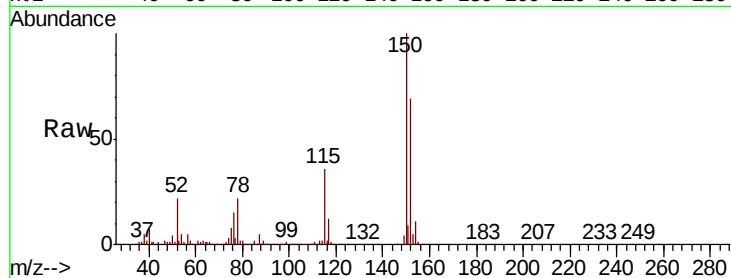
115 51.7 28.6 85.8

150 144.9 0.0 324.6

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#84

1,2,4-Trimethylbenzene

Concen: 1.645 ug/l

RT: 12.28 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VF060433.D

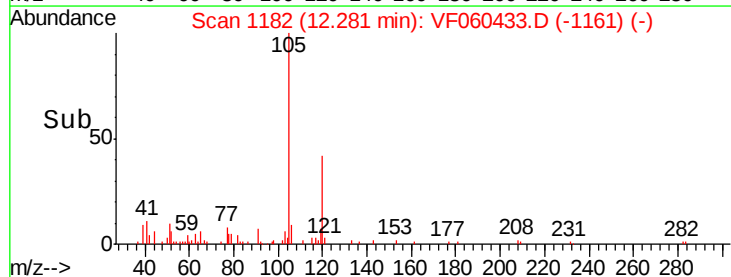
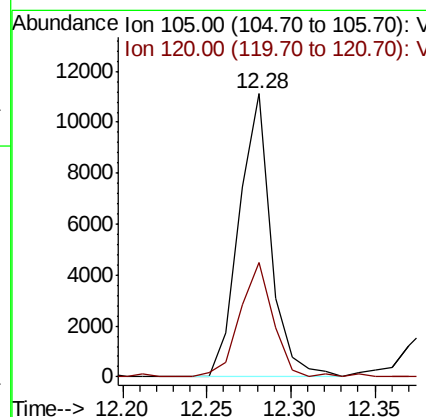
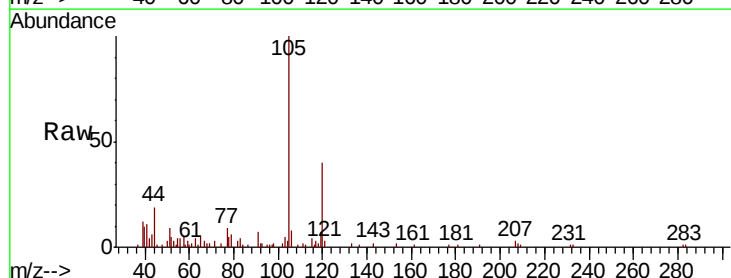
Acq: 3 Oct 2018 23:46

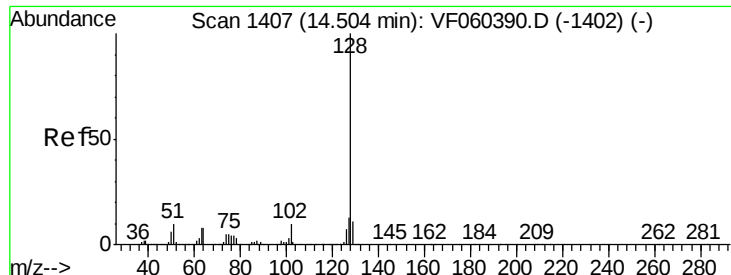
Tgt Ion:105 Resp: 14625

Ion Ratio Lower Upper

105 100

120 40.2 23.1 69.2





#95
Naphthalene
Concen: 1.591 ug/l
RT: 14.52 min Scan# 1409
Delta R.T. 0.01 min
Lab File: VF060433.D
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Tot Ion	Ratio	Lower	Upper
128	100		
127	16.9	10.0	15.0#
129	17.4	8.7	13.1#

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