

Data Path : W:\HPCHEM1\MSVOA F\DATA\VF091715\
 Data File : VF045414.D
 Acq On : 17 Sep 2015 18:51
 Operator : FY/SY
 Sample : G3708-09
 Misc : 8.72g/5mL/MSVOA F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 MGP201-36-38

Quant Time: Sep 18 01:21:28 2015
 Quant Method : W:\HPCHEM1\MSVOA_F\METHODS\82F091615S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 16:04:03 2015
 Response via : Initial Calibration

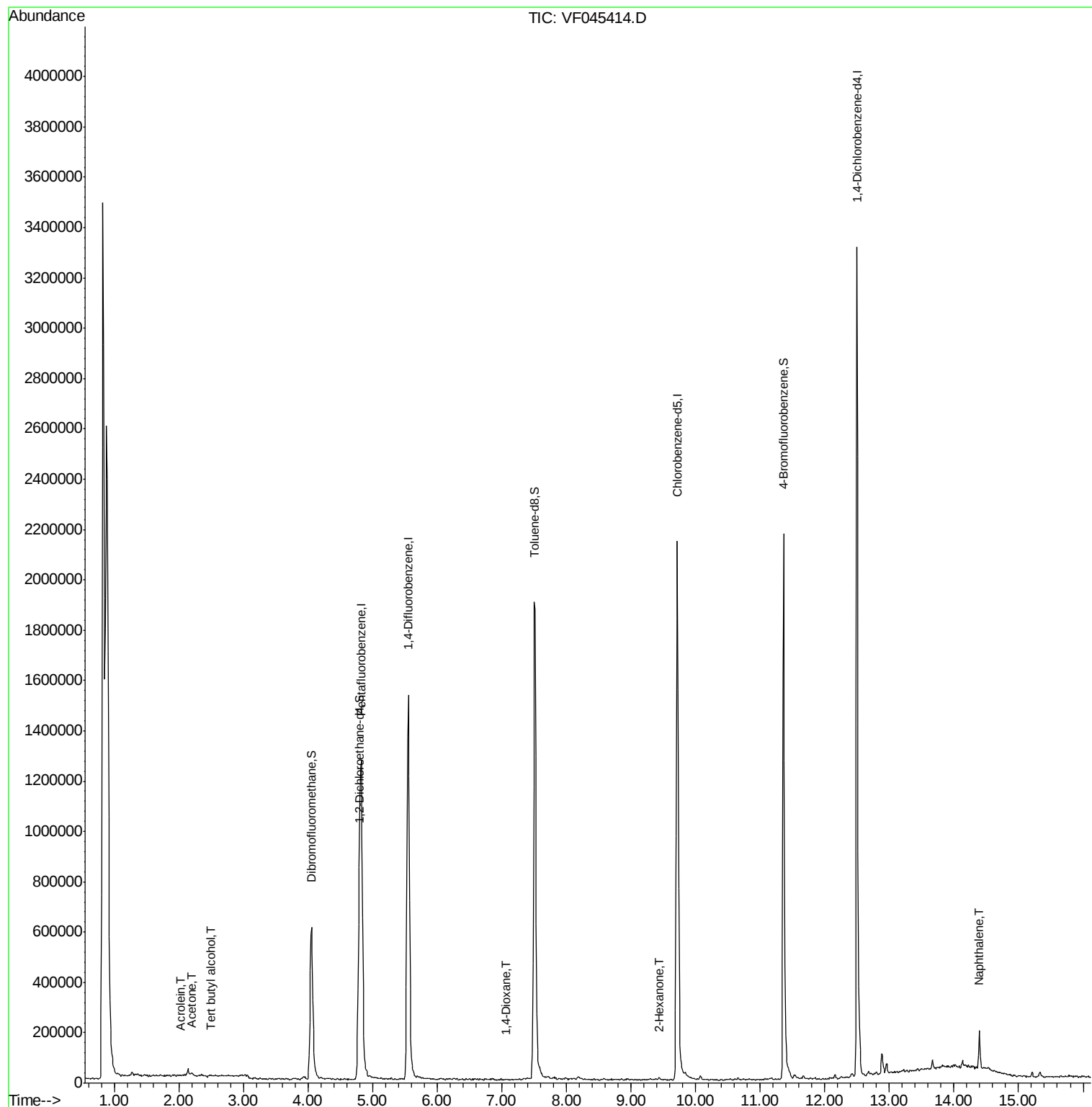
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.82	168	1275685	50.00	ug/l	0.02
33) 1,4-Difluorobenzene	5.55	114	1861540	50.00	ug/l	0.02
62) Chlorobenzene-d5	9.72	117	1697537	50.00	ug/l	0.02
71) 1,4-Dichlorobenzene-d4	12.50	152	963076	50.00	ug/l	0.01
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	4.78	65	534614	39.03	ug/l	0.02
Spiked Amount 50.000			Recovery	=	78.06%	
34) Dibromofluoromethane	4.06	113	575915	39.94	ug/l	0.03
Spiked Amount 50.000			Recovery	=	79.88%	
49) Toluene-d8	7.51	98	1775977	41.80	ug/l	0.02
Spiked Amount 50.000			Recovery	=	83.60%	
61) 4-Bromofluorobenzene	11.36	95	818314	40.07	ug/l	0.02
Spiked Amount 50.000			Recovery	=	80.14%	
Target Compounds						
11) Tert butyl alcohol	2.50	59	566	3.68	ug/l	# 1
13) Acrolein	2.02	56	927	1.45	ug/l	92
16) Acetone	2.20	43	15464	4.97	ug/l	100
20) Methylene Chloride	2.14	84	11984	Below Cal	#	94
48) 1,4-Dioxane	7.06	88	187	2.18	ug/l	87
58) 2-Hexanone	9.43	43	6726	1.01	ug/l	91
94) Naphthalene	14.39	128	110444	5.09	ug/l	98

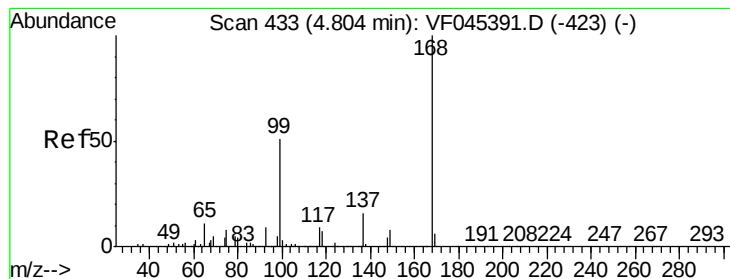
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 16 16:04:03 2015
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.82 min Scan# 435

Delta R.T. 0.02 min

Lab File: VF045414.D

Acq: 17 Sep 2015 18:51

Instrument :

MSVOA_F

ClientSampleId :

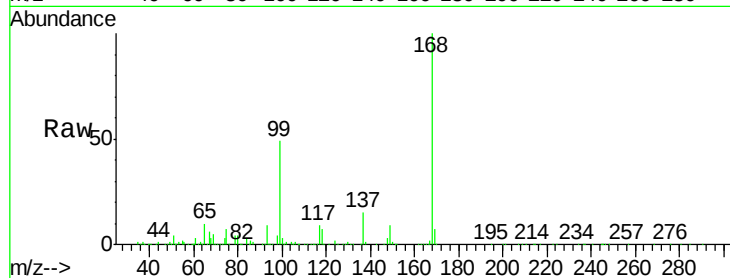
MGP201-36-38

Tot Ion:168 Resp: 1275685

Ion Ratio Lower Upper

168 100

99 49.0 39.0 58.4



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

4.82

400000

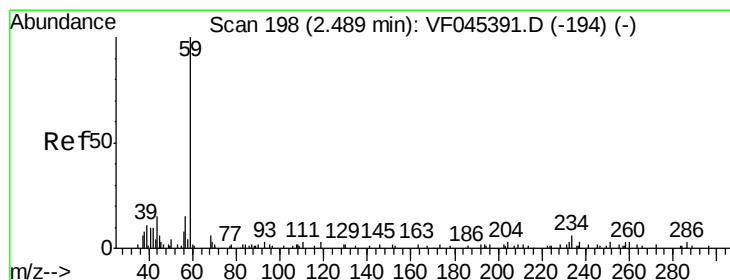
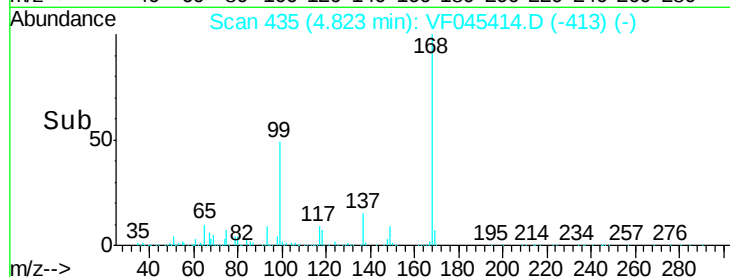
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.68 ug/l

RT: 2.50 min Scan# 199

Delta R.T. 0.01 min

Lab File: VF045414.D

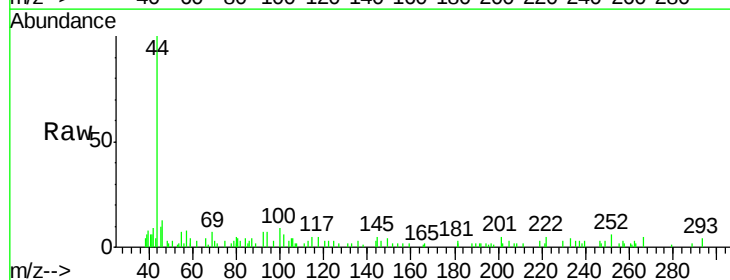
Acq: 17 Sep 2015 18:51

Tgt Ion: 59 Resp: 566

Ion Ratio Lower Upper

59 100

57 143.8 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

2.50

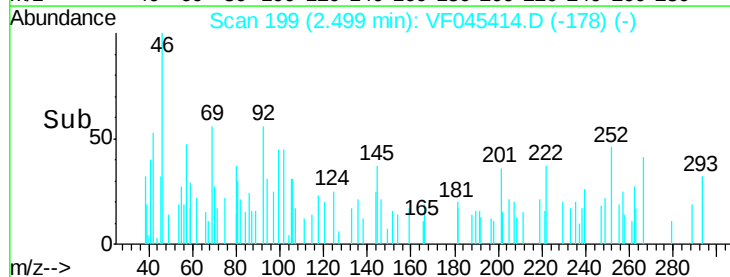
600

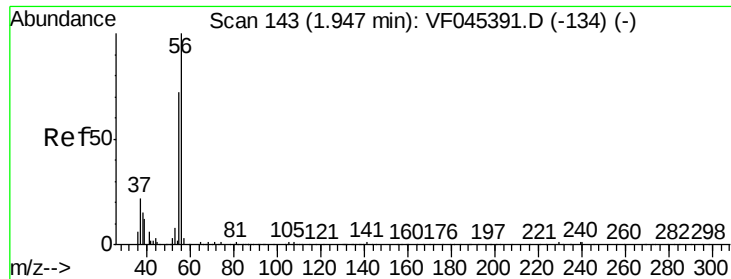
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200

0

Time-->

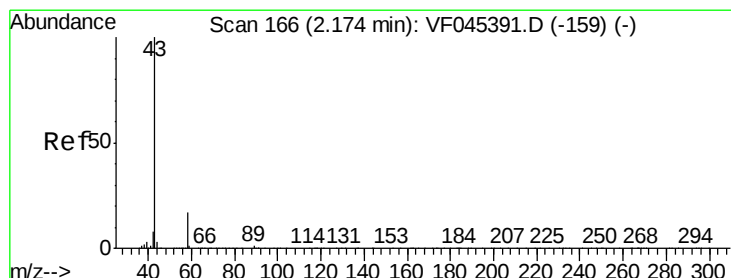
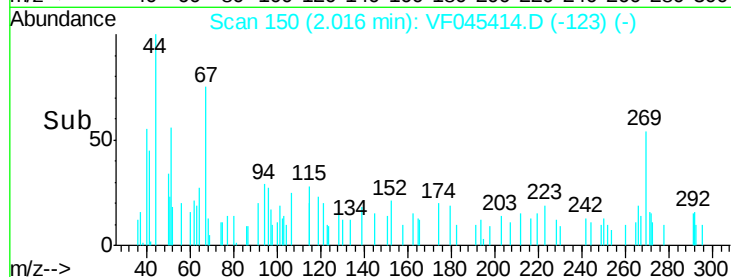
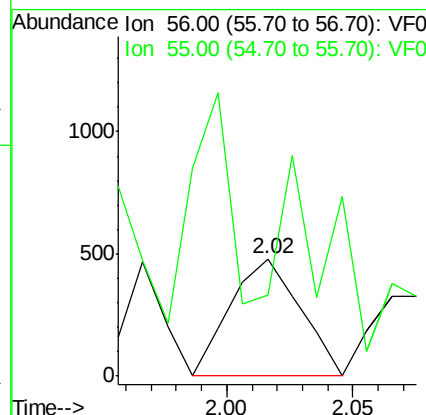
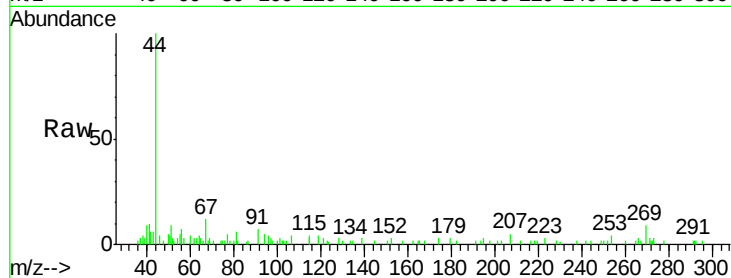




#13
Acrolein
Concen: 1.45 ug/l
RT: 2.02 min Scan# 150
Delta R.T. 0.07 min
Lab File: VF045414.D
Acq: 17 Sep 2015 18:51

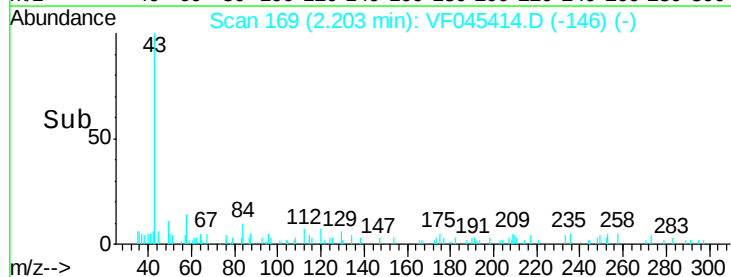
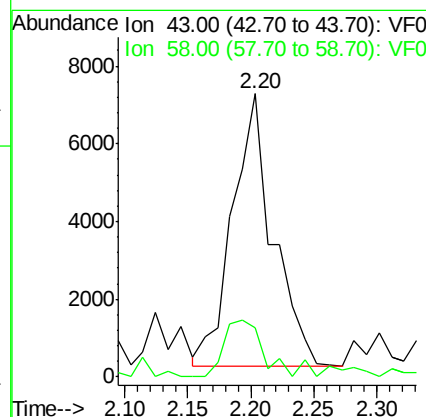
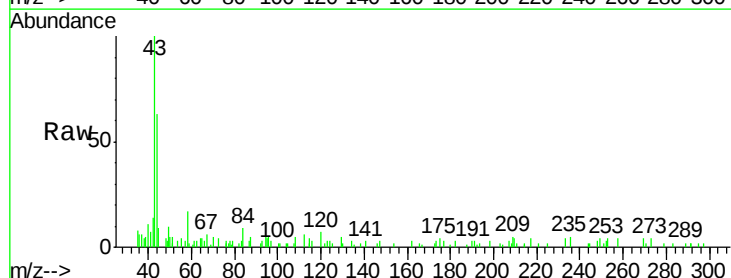
Instrument :
MSVOA_F
ClientSampleId :
MGP201-36-38

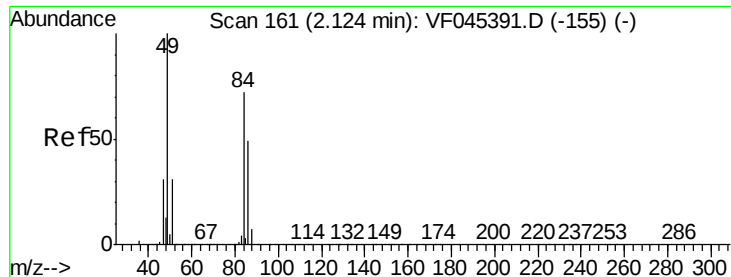
Tot Ion: 56 Resp: 927
Ion Ratio Lower Upper
56 100
55 68.8 60.5 90.7



#16
Acetone
Concen: 4.97 ug/l
RT: 2.20 min Scan# 169
Delta R.T. 0.03 min
Lab File: VF045414.D
Acq: 17 Sep 2015 18:51

Tgt Ion: 43 Resp: 15464
Ion Ratio Lower Upper
43 100
58 17.4 13.9 20.9

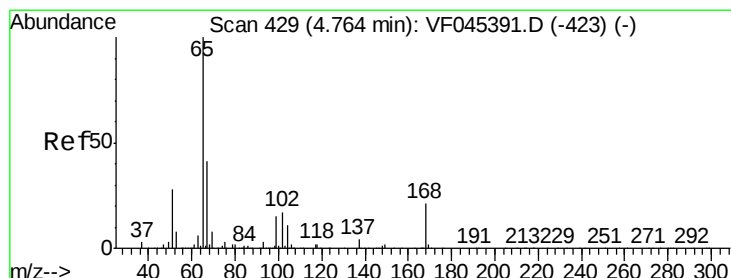
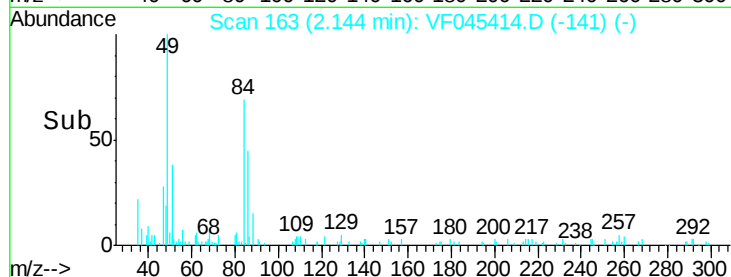
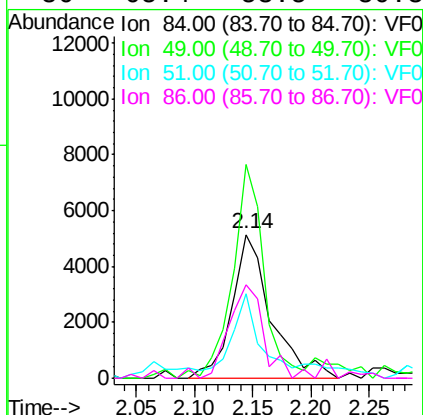
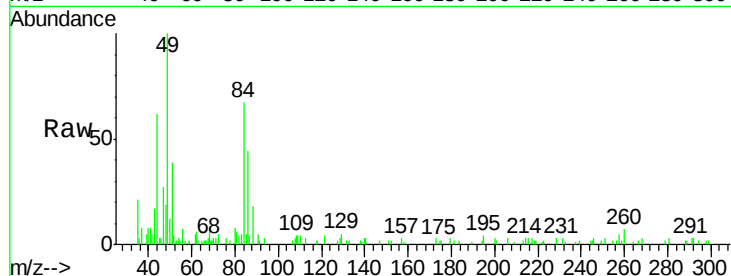




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.14 min Scan# 163
Delta R.T. 0.02 min
Lab File: VF045414.D
Acq: 17 Sep 2015 18:51

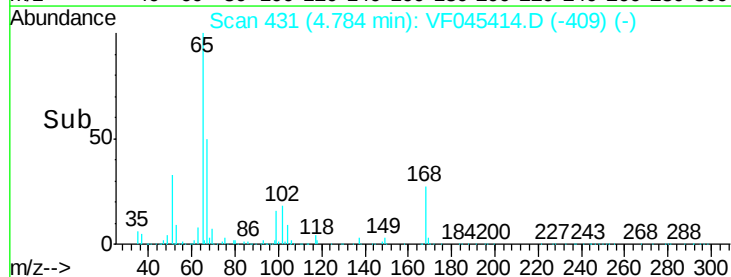
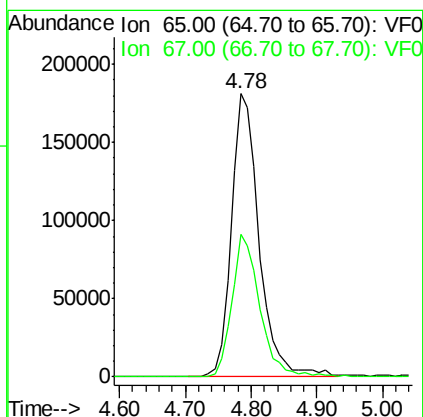
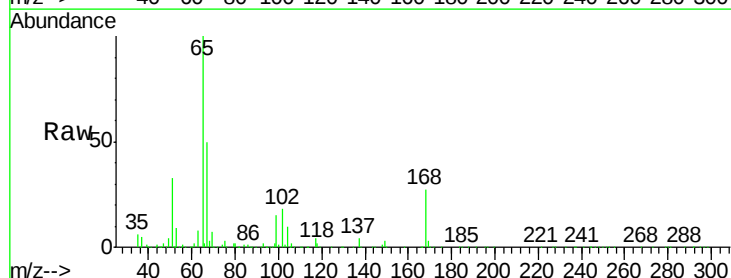
Instrument :
MSVOA_F
ClientSampleId :
MGP201-36-38

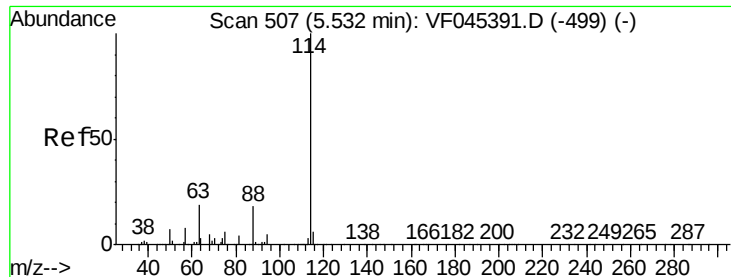
Tot Ion: 84 Resp: 11984
Ion Ratio Lower Upper
84 100
49 148.9 122.8 184.2
51 58.6 35.4 53.2#
86 65.4 53.5 80.3



#32
1,2-Dichloroethane-d4
Concen: 39.03 ug/l
RT: 4.78 min Scan# 431
Delta R.T. 0.02 min
Lab File: VF045414.D
Acq: 17 Sep 2015 18:51

Tgt Ion: 65 Resp: 534614
Ion Ratio Lower Upper
65 100
67 50.4 0.0 102.2

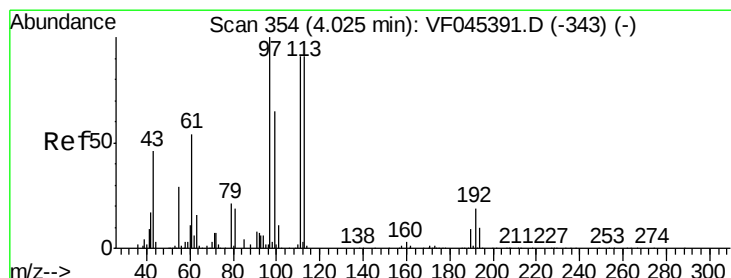
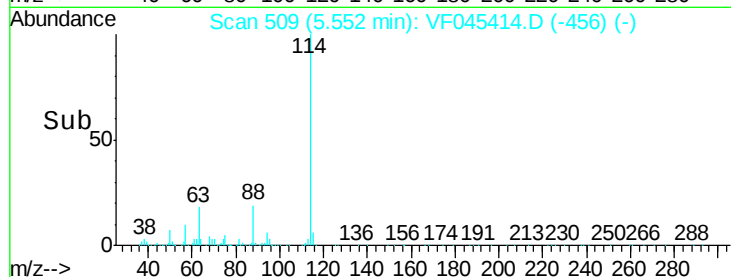
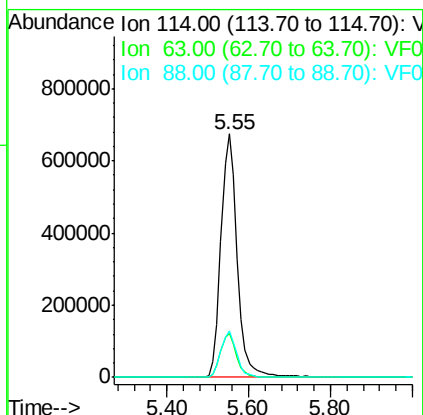
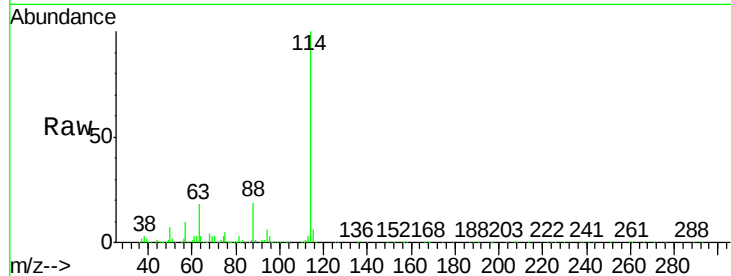




#33
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.55 min Scan# 509
 Delta R.T. 0.02 min
 Lab File: VF045414.D
 Acq: 17 Sep 2015 18:51

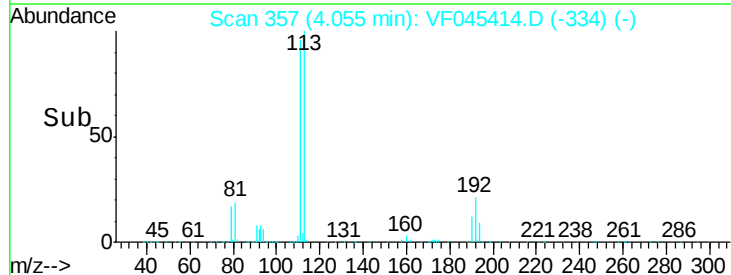
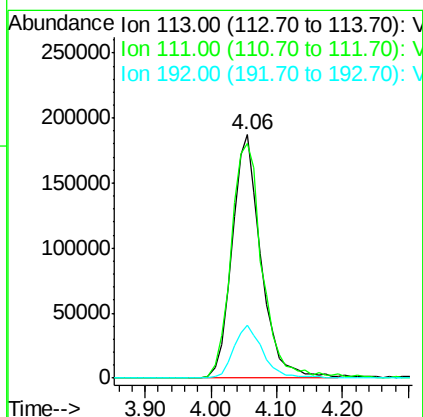
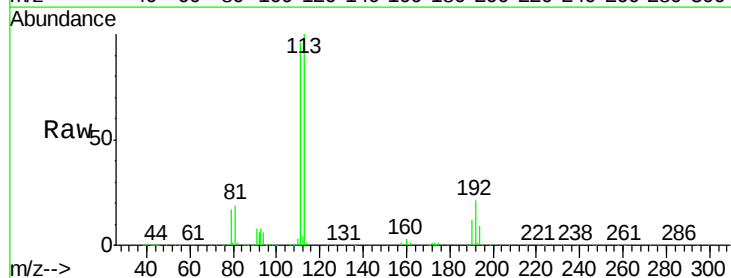
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 ClientSampleId :
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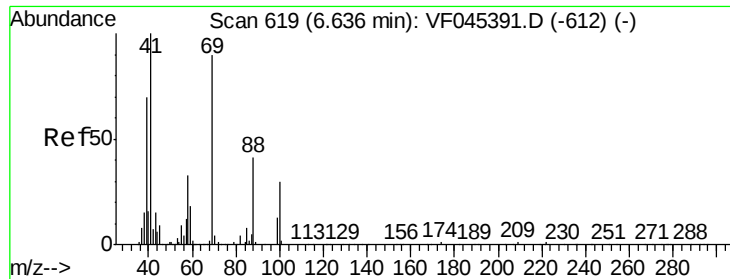
Tot Ion:114 Resp: 1861540
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 39.2
 88 18.9 0.0 37.0



#34
 Dibromofluoromethane
 Concen: 39.94 ug/l
 RT: 4.06 min Scan# 357
 Delta R.T. 0.03 min
 Lab File: VF045414.D
 Acq: 17 Sep 2015 18:51

Tgt Ion:113 Resp: 575915
 Ion Ratio Lower Upper
 113 100
 111 96.3 75.5 113.3
 192 21.6 15.6 23.4

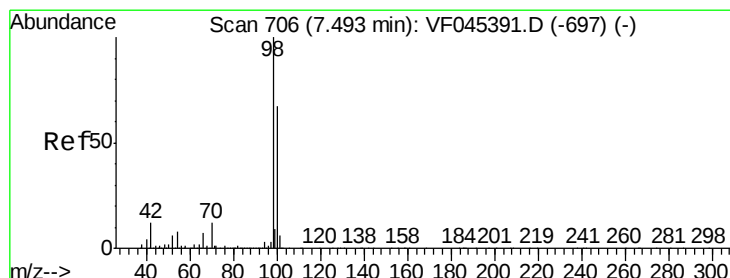
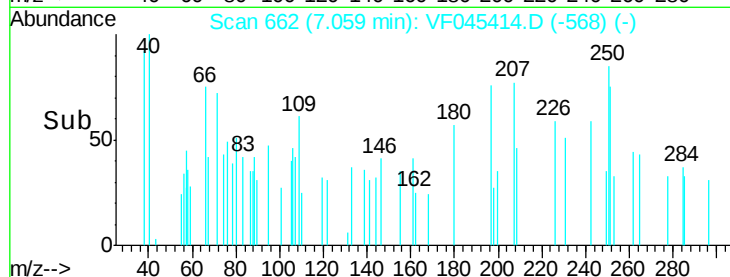
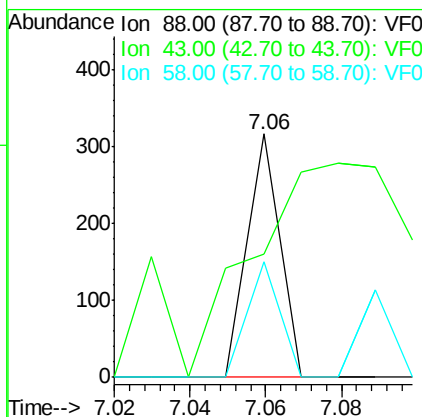
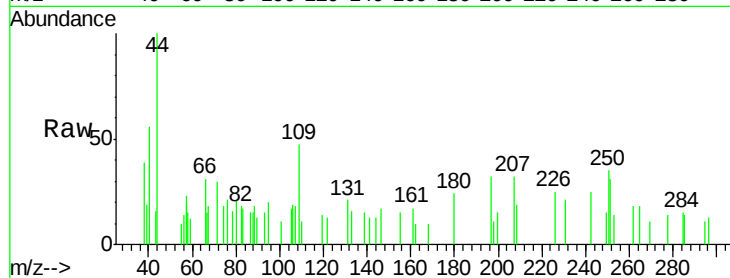




#48
1,4-Dioxane
Concen: 2.18 ug/l
RT: 7.06 min Scan# 662
Delta R.T. 0.42 min
Lab File: VF045414.D
Acq: 17 Sep 2015 18:51

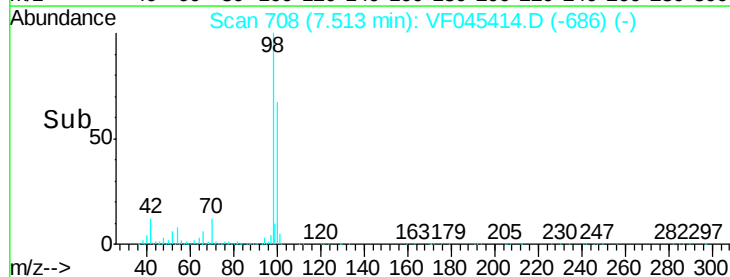
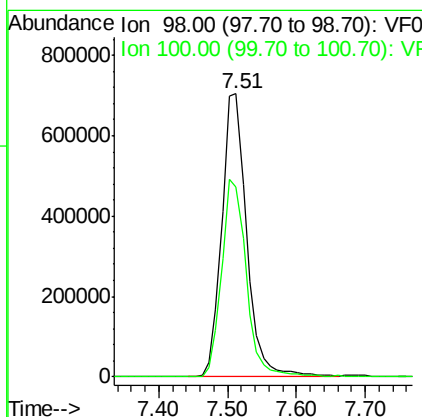
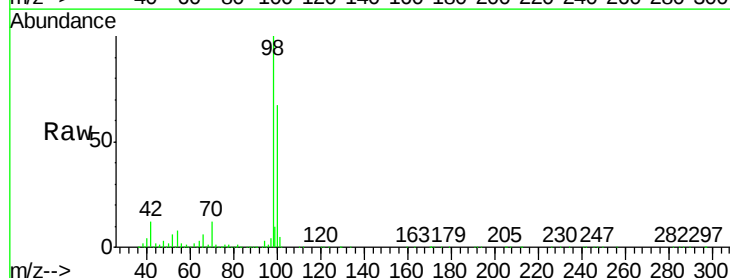
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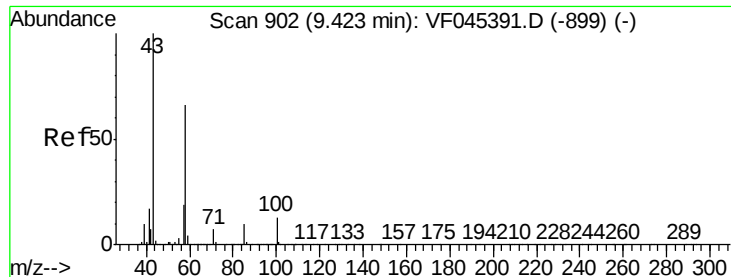
Tot Ion: 88 Resp: 187
Ion Ratio Lower Upper
88 100
43 50.5 34.5 51.7
58 47.3 46.5 69.7



#49
Toluene-d8
Concen: 41.80 ug/l
RT: 7.51 min Scan# 708
Delta R.T. 0.02 min
Lab File: VF045414.D
Acq: 17 Sep 2015 18:51

Tgt Ion: 98 Resp: 1775977
Ion Ratio Lower Upper
98 100
100 67.2 54.4 81.6

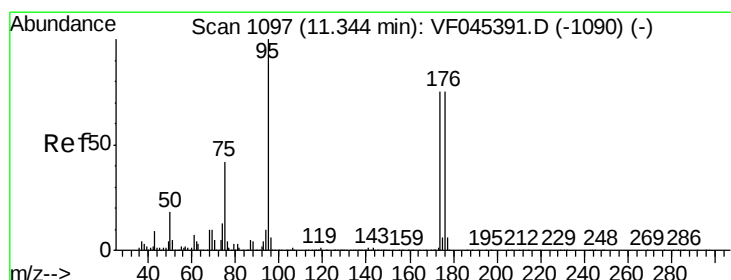
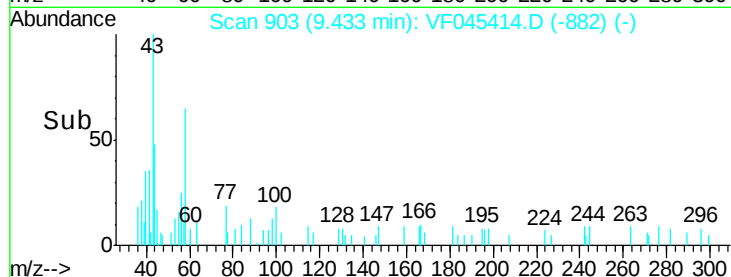
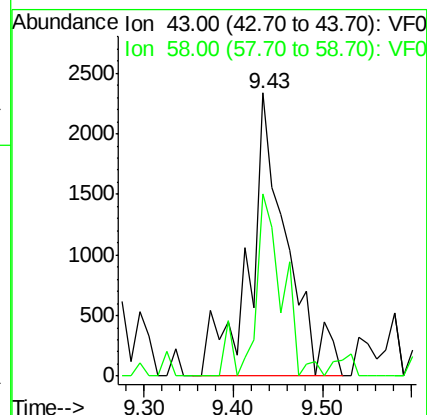
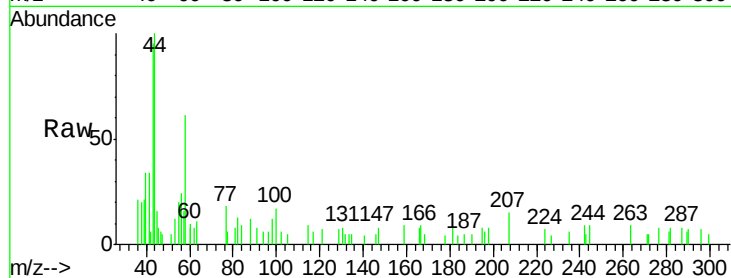




#58
2-Hexanone
Concen: 1.01 ug/l
RT: 9.43 min Scan# 903
Delta R.T. 0.01 min
Lab File: VF045414.D
Acq: 17 Sep 2015 18:51

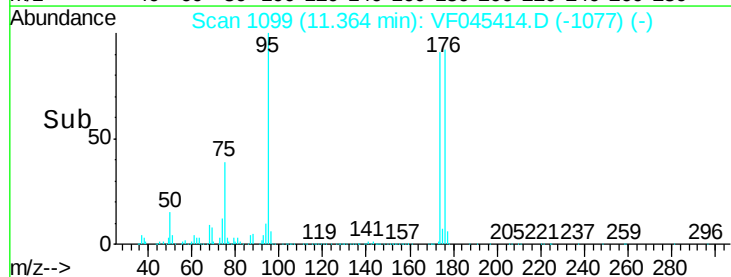
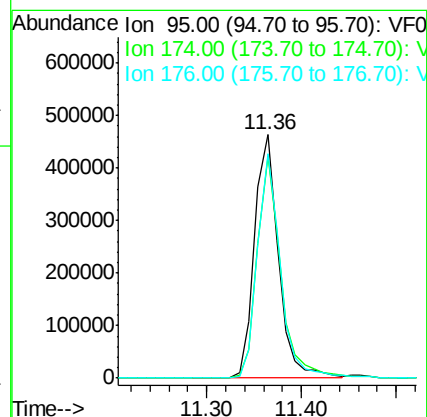
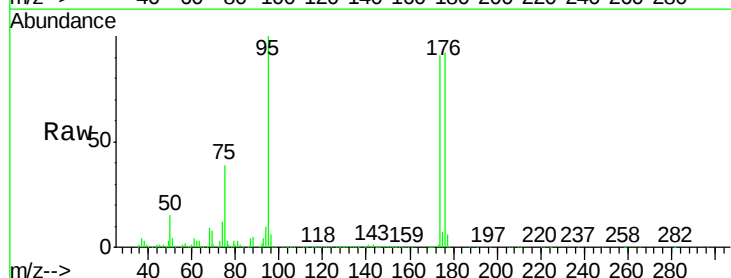
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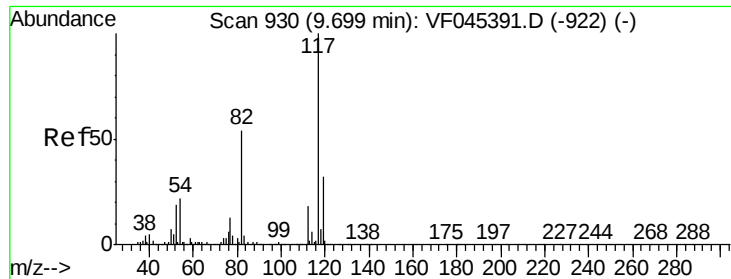
Tot Ion: 43 Resp: 6726
Ion Ratio Lower Upper
43 100
58 64.6 28.8 86.5



#61
4-Bromofluorobenzene
Concen: 40.07 ug/l
RT: 11.36 min Scan# 1099
Delta R.T. 0.02 min
Lab File: VF045414.D
Acq: 17 Sep 2015 18:51

Tgt Ion: 95 Resp: 818314
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.8
176 92.0 0.0 176.2

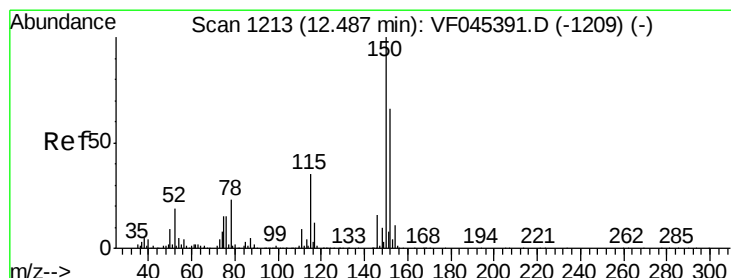
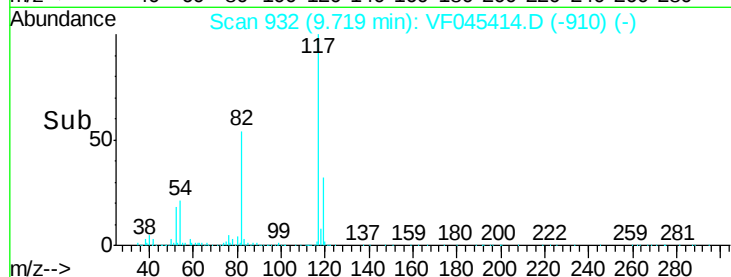
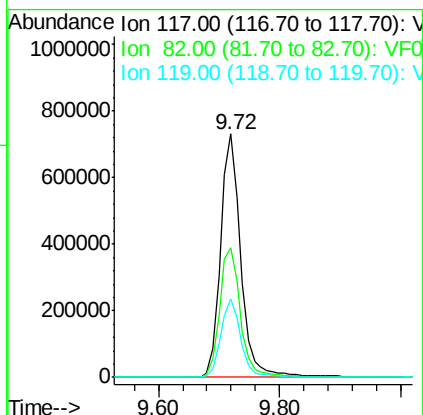
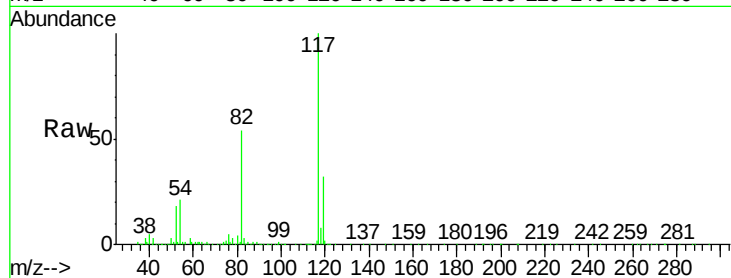




#62
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.72 min Scan# 932
Delta R.T. 0.02 min
Lab File: VF045414.D
Acq: 17 Sep 2015 18:51

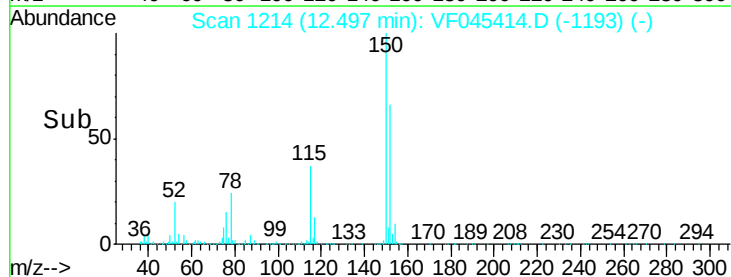
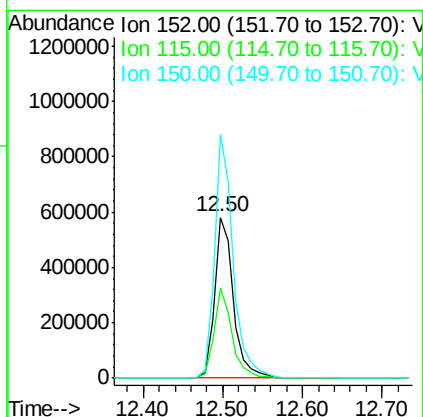
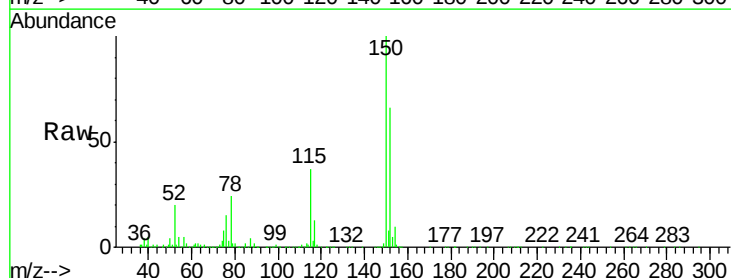
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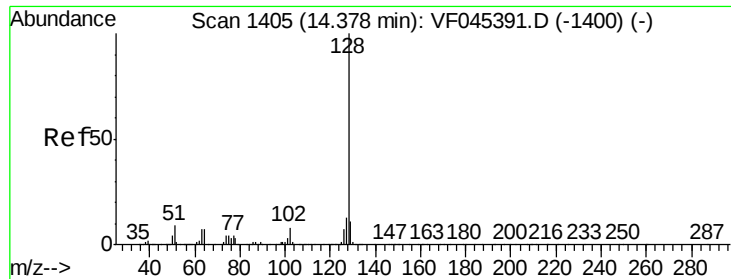
Tot Ion:117 Resp: 1697537
Ion Ratio Lower Upper
117 100
82 53.5 45.0 67.6
119 32.1 26.2 39.4



#71
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.50 min Scan# 1214
Delta R.T. 0.01 min
Lab File: VF045414.D
Acq: 17 Sep 2015 18:51

Tgt Ion:152 Resp: 963076
Ion Ratio Lower Upper
152 100
115 56.4 28.3 85.0
150 151.7 0.0 324.2





#94

Naphthalene

Concen: 5.09 ug/l

RT: 14.39 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VF045414.D

Acq: 17 Sep 2015 18:51

Instrument :

MSVOA_F

ClientSampleId :

MGP201-36-38

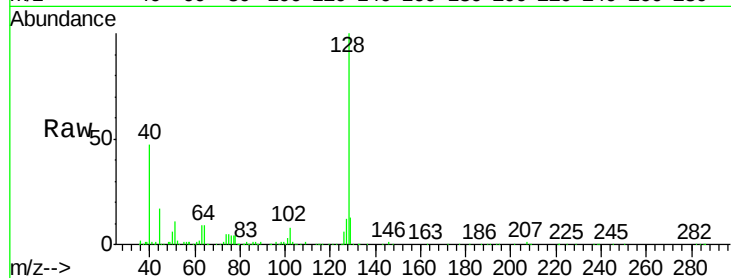
Tot Ion:128 Resp: 110444

Ion Ratio Lower Upper

128 100

127 12.3 9.8 14.8

129 12.6 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

