Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_F\DATA\VF091715\
Data File : VF045415.D
Acq On : 17 Sep 2015 19:20
Operator : FY/SY
Sample : G3708-10
Misc : 7.42g/5mL/MSVOA_F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : MGP201-40-41

Quant Time: Sep 18 01:21:39 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	4.83	168	1188807	50.00	ug/l	0.02
33) 1,4-Difluorobenzene	5.56	114	1793416	50.00	ug/l	0.02
62) Chlorobenzene-d5	9.71	117	1663212	50.00	ug/l	0.01
71) 1,4-Dichlorobenzene-d4	12.50	152	946526	50.00	ug/l	0.01
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	4.79	65	546681	42.82	ug/l	0.02
Spiked Amount 50.000			Recovery = 85.64%			
34) Dibromofluoromethane	4.05	113	601105	43.27	ug/l	0.02
Spiked Amount 50.000			Recovery = 86.54%			
49) Toluene-d8	7.51	98	1752152	42.81	ug/l	0.01
Spiked Amount 50.000			Recovery = 85.62%			
61) 4-Bromofluorobenzene	11.36	95	843918	42.90	ug/l	0.01
Spiked Amount 50.000			Recovery = 85.80%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.50	59	486	3.39	ug/l #	3
13) Acrolein	1.97	56	1783	3.00	ug/l	94
15) Acrylonitrile	2.89	53	1672	1.22	ug/l #	31
16) Acetone	2.20	43	5259	1.81	ug/l	95
20) Methylene Chloride	2.15	84	6692	Below Cal	#	69
48) 1,4-Dioxane	6.68	88	194	2.35	ug/l #	1
66) Ethyl Benzene	9.85	91	70150	1.16	ug/l	99
67) m/p-Xylenes	10.07	106	26600	1.23	ug/l #	70
94) Naphthalene	14.39	128	1300951	42.59	ug/l	99

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

Quantitation Report (Not Reviewed)

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Data File : VF045415.D
Acq On : 17 Sep 2015 19:20
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Sample : G3708-10
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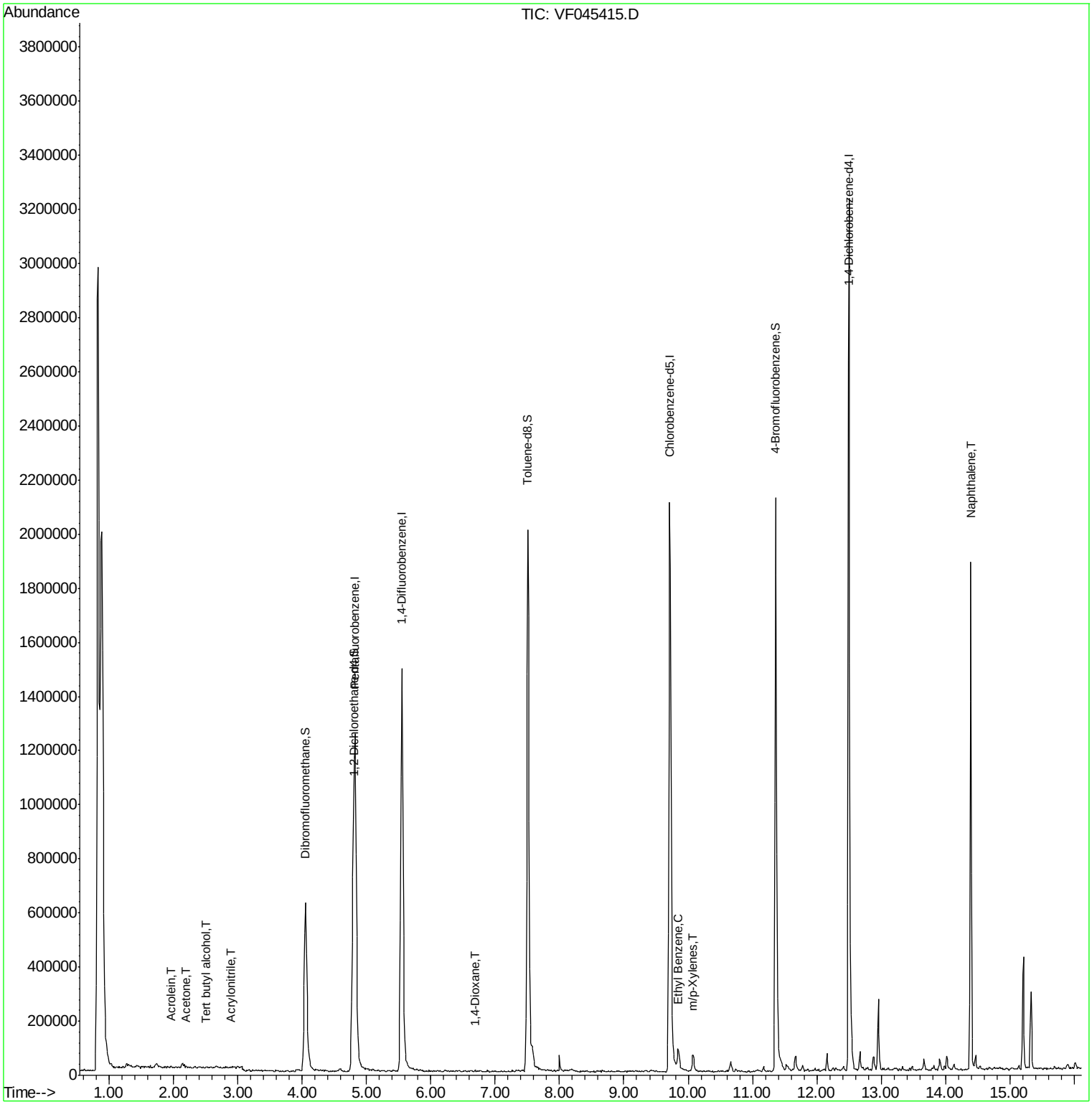
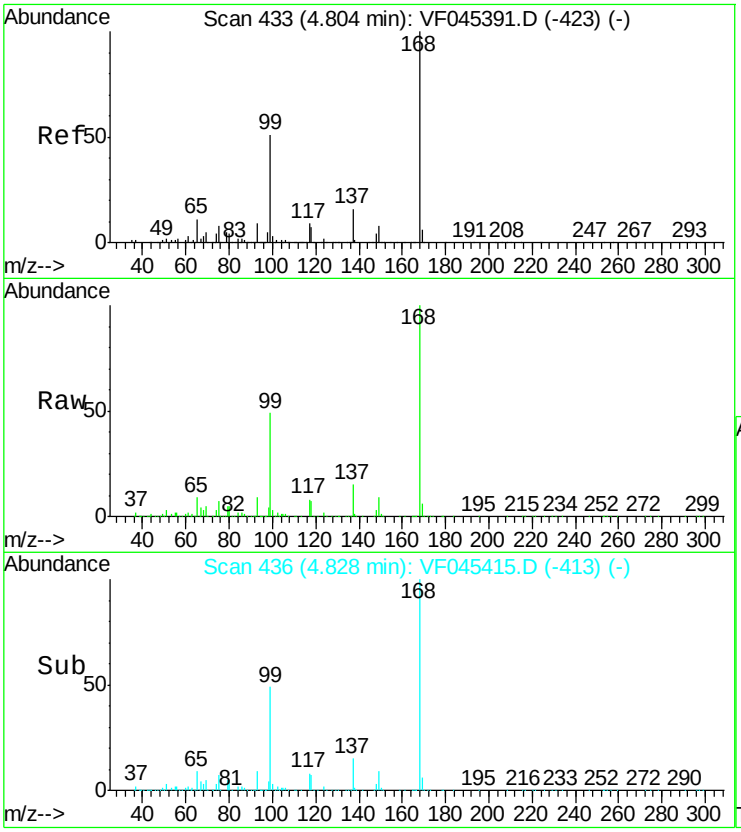


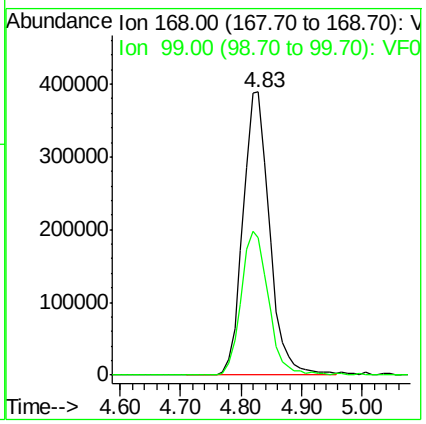


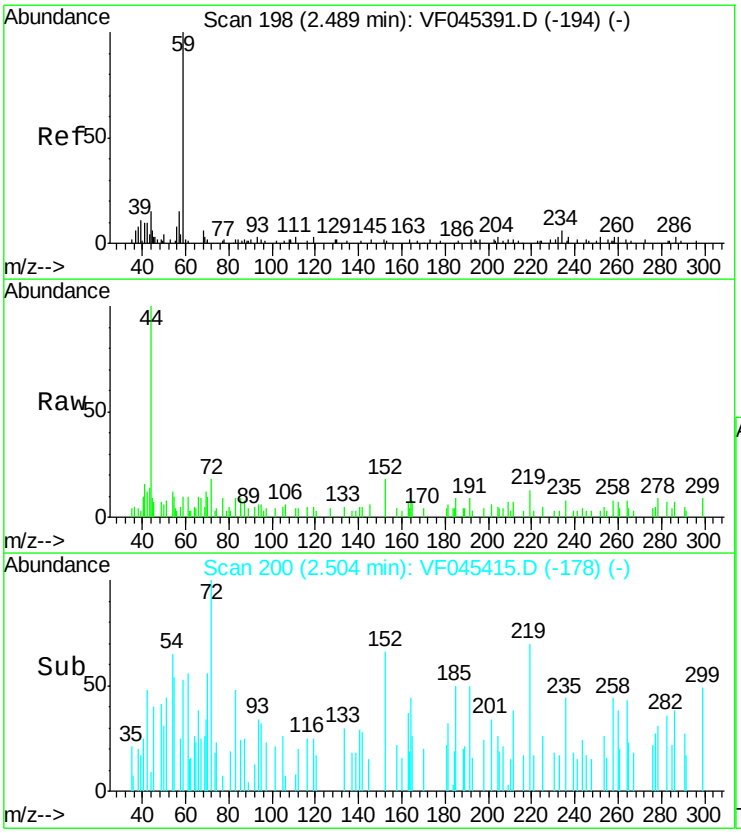
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 4.83 min Scan# 436
Delta R.T. 0.02 min
Lab File: VF045415.D
Acq: 17 Sep 2015 19:20

Instrument :
MSVOA_F
ClientSampleId :
MGP201-40-41

Tgt Ion:168 Resp: 1188807

Ion	Ratio	Lower	Upper
168	100		
99	48.6	39.0	58.4

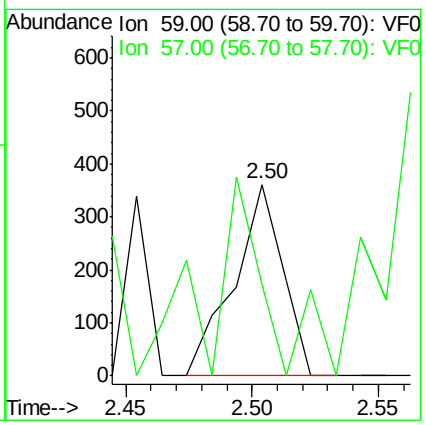


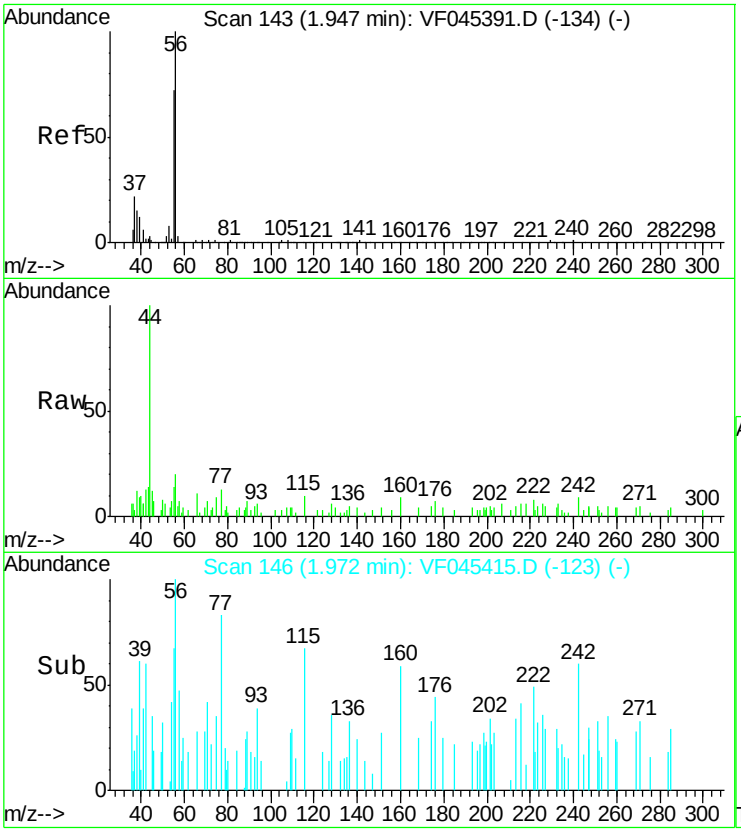


#11
Tert butyl alcohol
Concen: 3.39 ug/l
RT: 2.50 min Scan# 200
Delta R.T. 0.01 min
Lab File: VF045415.D
Acq: 17 Sep 2015 19:20

Tgt Ion: 59 Resp: 486

Ion	Ratio	Lower	Upper
59	100		
57	47.5	8.6	13.0#



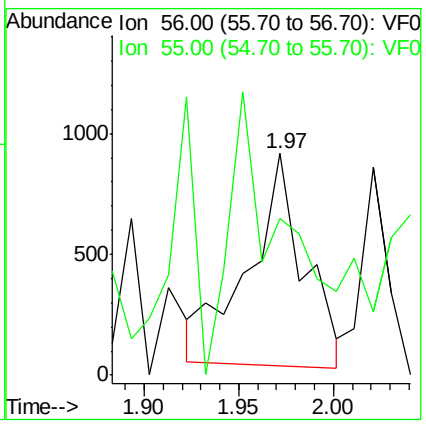


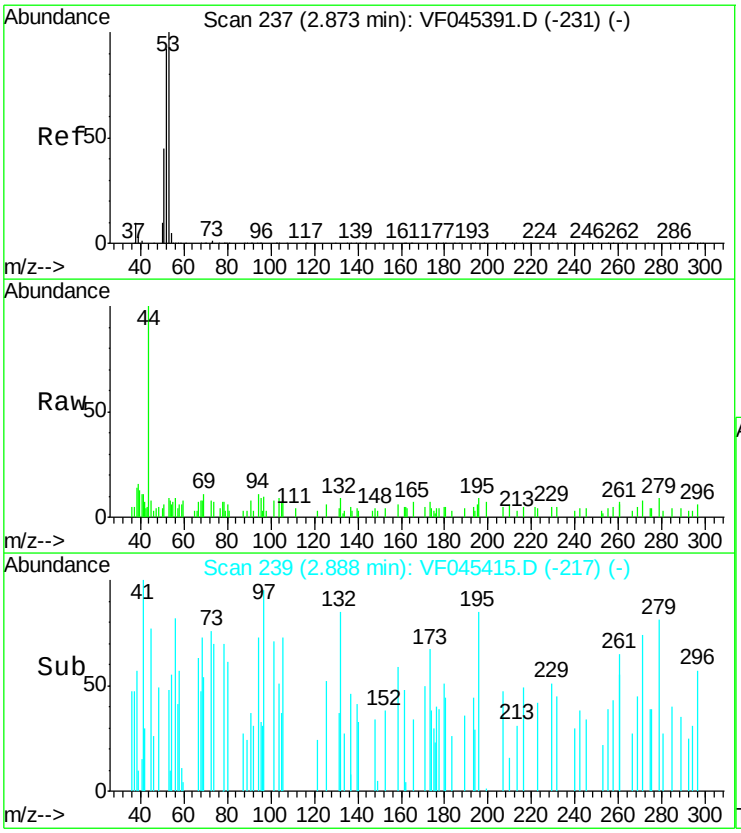
#13
Acrolein
Concen: 3.00 ug/l
RT: 1.97 min Scan# 146
Delta R.T. 0.02 min
Lab File: VF045415.D
Acq: 17 Sep 2015 19:20

Instrument : MSVOA_F
ClientSampleId : MGP201-40-41

Tgt Ion: 56 Resp: 1783

Ion	Ratio	Lower	Upper
56	100		
55	70.7	60.5	90.7

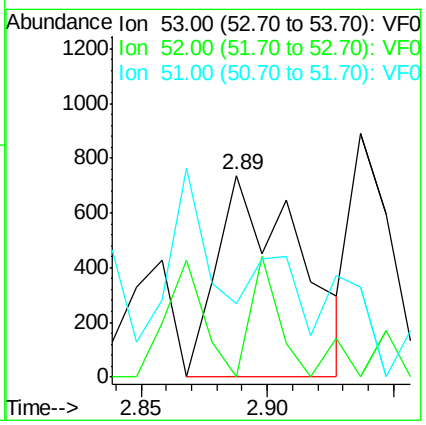


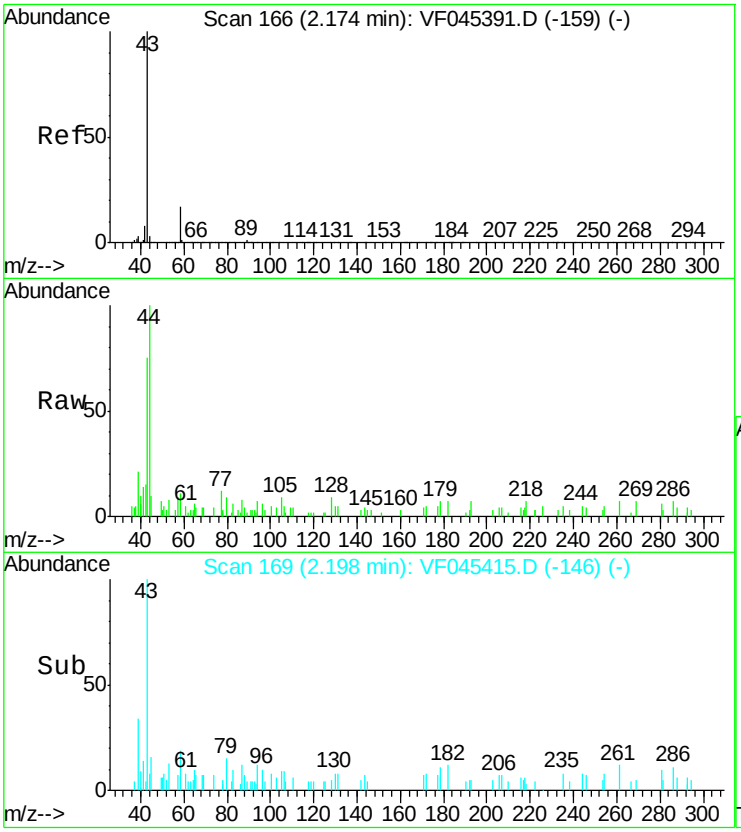


#15
Acrylonitrile
Concen: 1.22 ug/l
RT: 2.89 min Scan# 239
Delta R.T. 0.01 min
Lab File: VF045415.D
Acq: 17 Sep 2015 19:20

Tgt Ion: 53 Resp: 1672

Ion	Ratio	Lower	Upper
53	100		
52	0.0	72.7	109.1#
51	36.0	42.2	63.2#



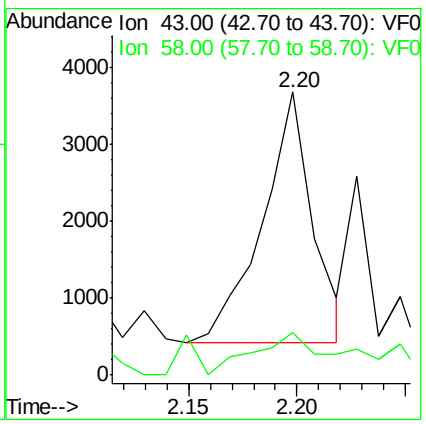


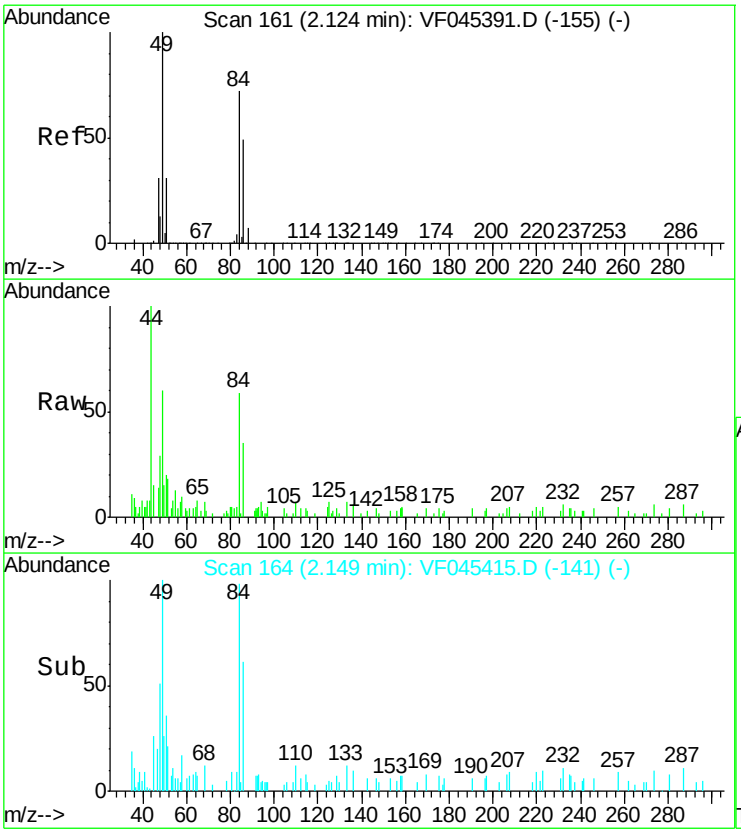
#16
Acetone
Concen: 1.81 ug/l
RT: 2.20 min Scan# 169
Delta R.T. 0.02 min
Lab File: VF045415.D
Acq: 17 Sep 2015 19:20

Instrument :
MSVOA_F
ClientSampleId :
MGP201-40-41

Tgt Ion: 43 Resp: 5259

Ion	Ratio	Lower	Upper
43	100		
58	15.3	13.9	20.9

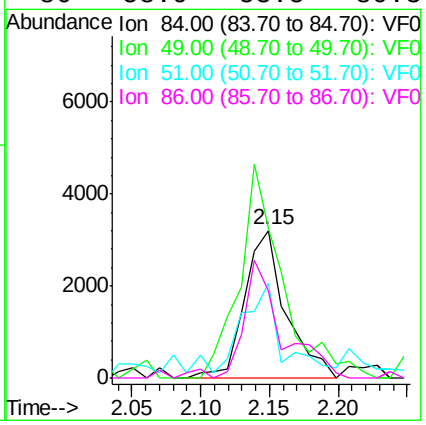


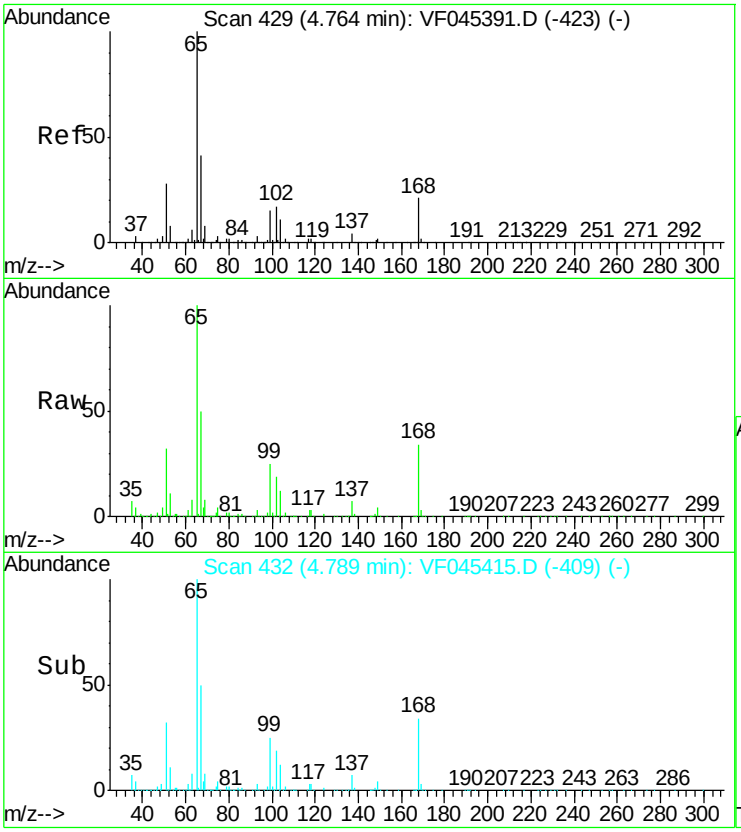


#20
Methylene Chloride
Concen: Below Cal
RT: 2.15 min Scan# 164
Delta R.T. 0.03 min
Lab File: VF045415.D
Acq: 17 Sep 2015 19:20

Tgt Ion: 84 Resp: 6692

Ion	Ratio	Lower	Upper
84	100		
49	101.2	122.8	184.2#
51	64.6	35.4	53.2#
86	58.9	53.5	80.3



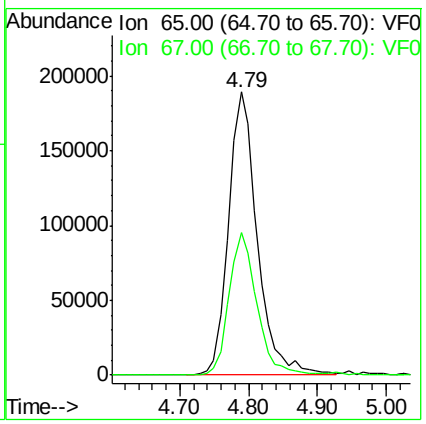


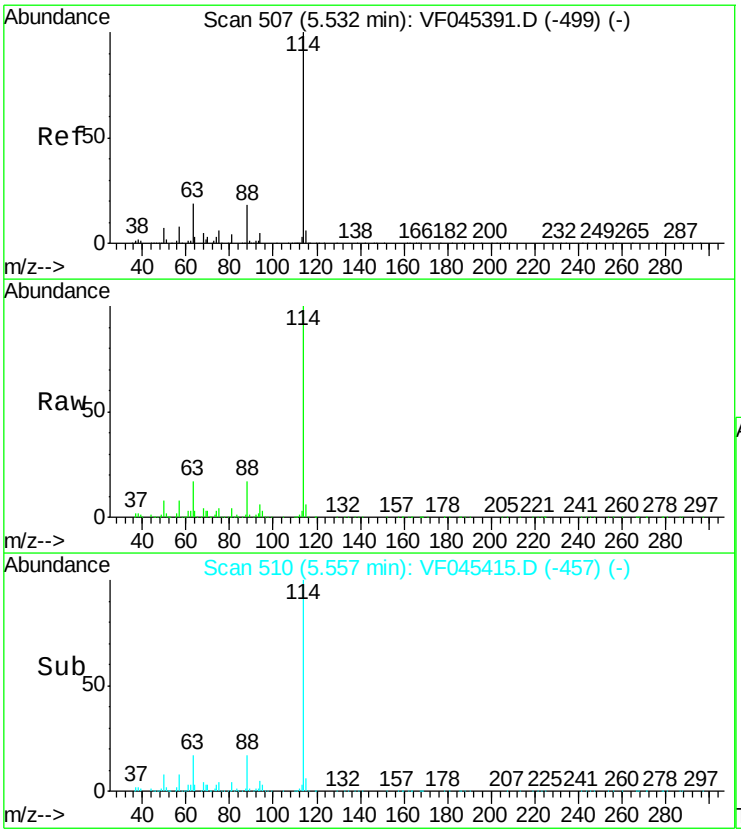
#32
1,2-Dichloroethane-d4
Concen: 42.82 ug/l
RT: 4.79 min Scan# 432
Delta R.T. 0.02 min
Lab File: VF045415.D
Acq: 17 Sep 2015 19:20

Instrument :
MSVOA_F
ClientSampleId :
MGP201-40-41

Tgt Ion: 65 Resp: 546681

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	102.2

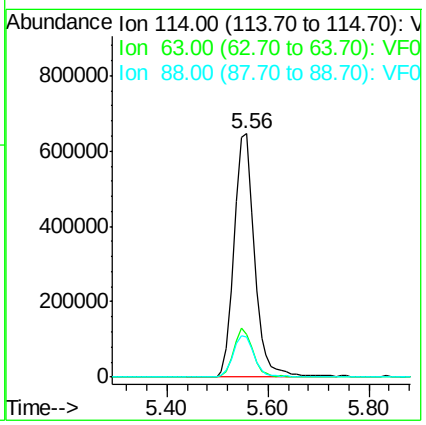


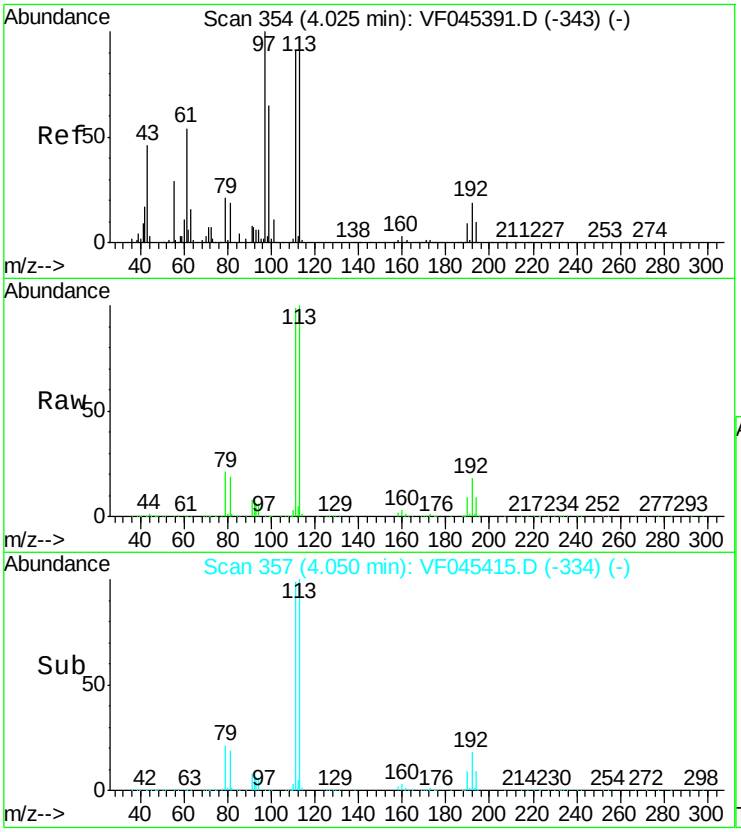


#33
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.56 min Scan# 510
Delta R.T. 0.02 min
Lab File: VF045415.D
Acq: 17 Sep 2015 19:20

Tgt Ion:114 Resp: 1793416

Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	39.2
88	16.6	0.0	37.0



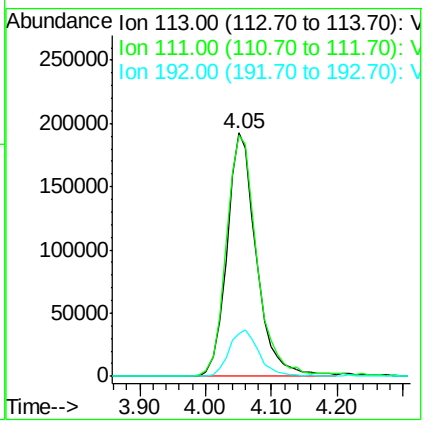


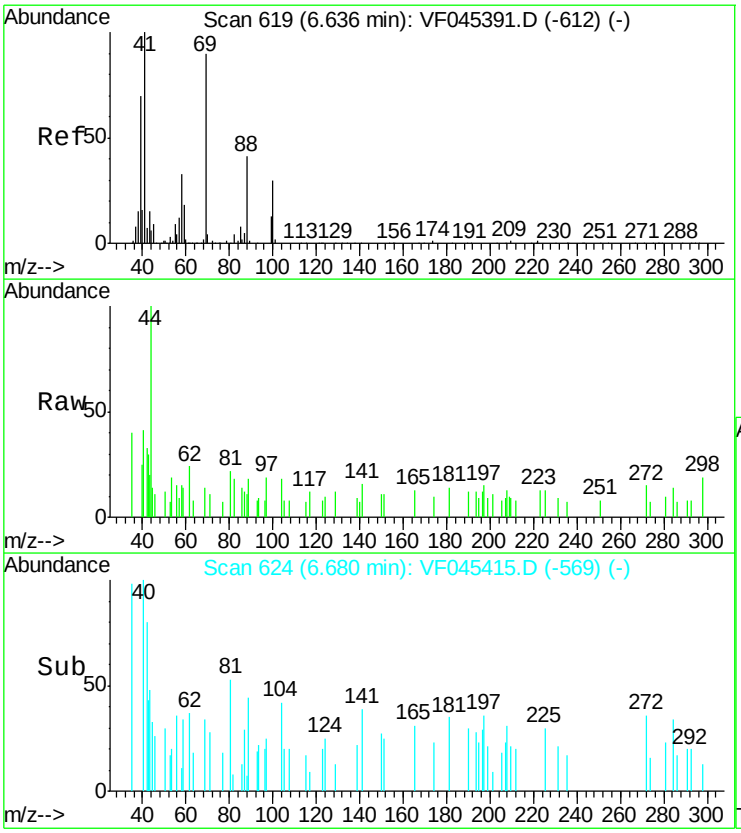
#34
Dibromofluoromethane
Concen: 43.27 ug/l
RT: 4.05 min Scan# 357
Delta R.T. 0.02 min
Lab File: VF045415.D
Acq: 17 Sep 2015 19:20

Instrument :
MSVOA_F
ClientSampleId :
MGP201-40-41

Tgt Ion:113 Resp: 601105

Ion	Ratio	Lower	Upper
113	100		
111	98.9	75.5	113.3
192	17.8	15.6	23.4

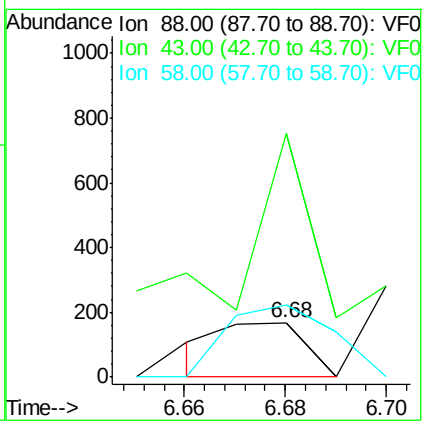


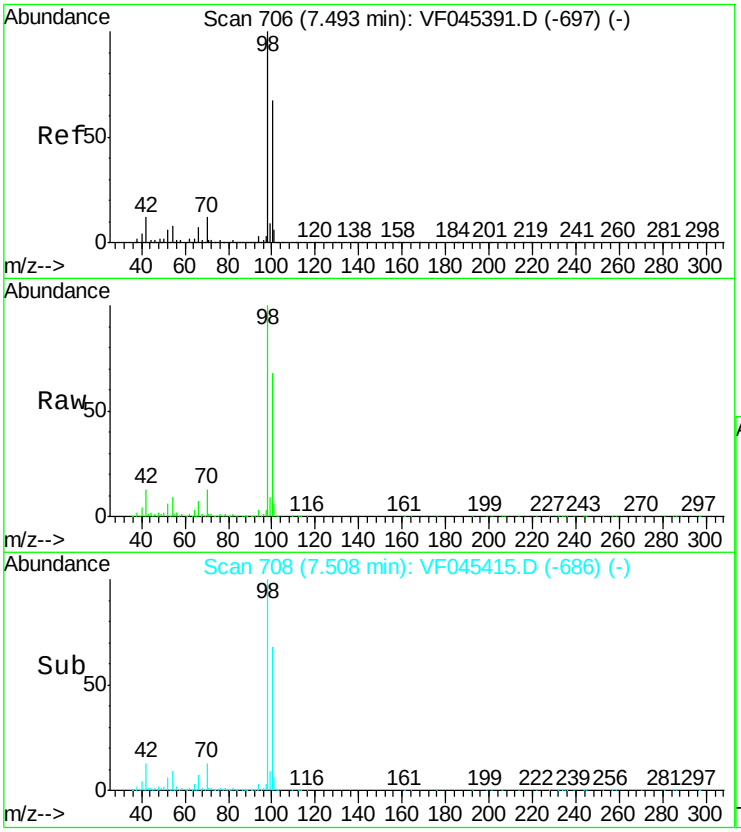


#48
1,4-Dioxane
Concen: 2.35 ug/l
RT: 6.68 min Scan# 624
Delta R.T. 0.04 min
Lab File: VF045415.D
Acq: 17 Sep 2015 19:20

Tgt Ion: 88 Resp: 194

Ion	Ratio	Lower	Upper
88	100		
43	450.3	34.5	51.7#
58	134.1	46.5	69.7#



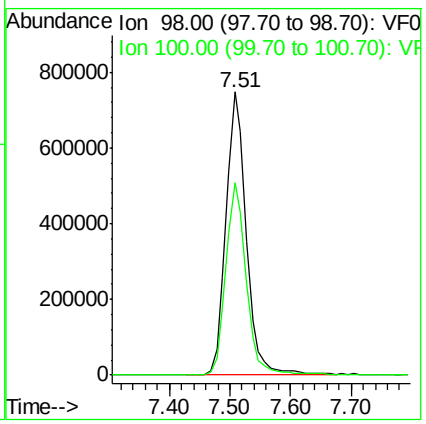


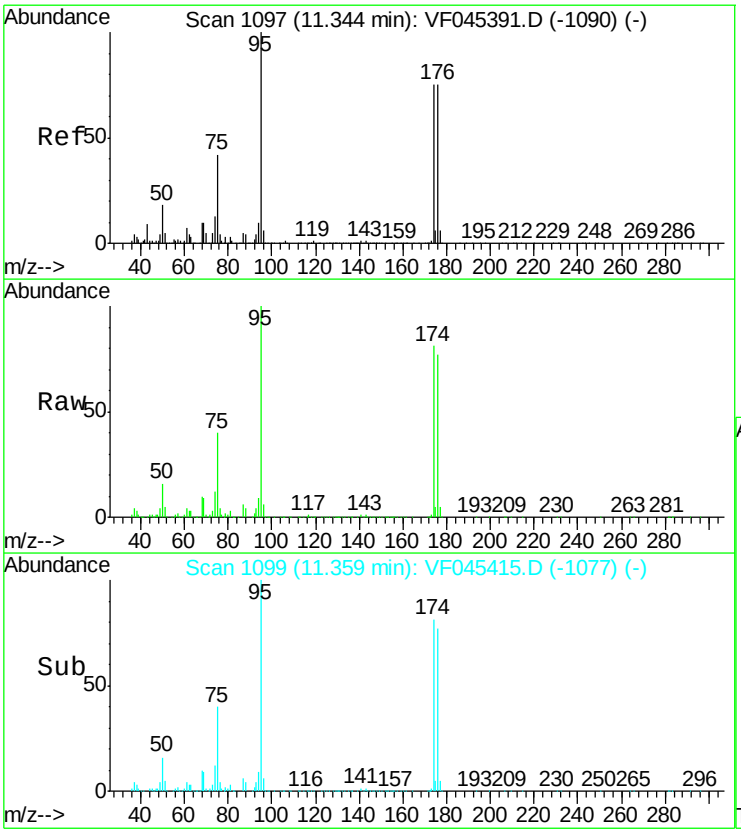
#49
Toluene-d8
Concen: 42.81 ug/l
RT: 7.51 min Scan# 708
Delta R.T. 0.01 min
Lab File: VF045415.D
Acq: 17 Sep 2015 19:20

Instrument : MSVOA_F
ClientSampleId : MGP201-40-41

Tgt Ion: 98 Resp: 1752152

Ion	Ratio	Lower	Upper
98	100		
100	67.9	54.4	81.6

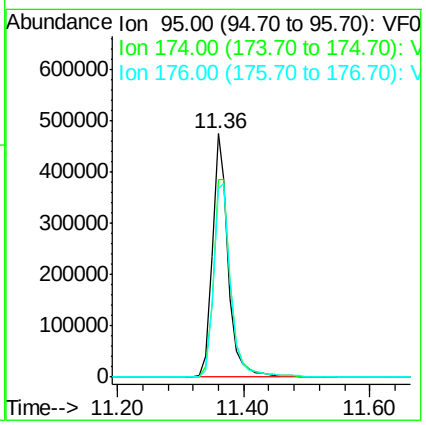


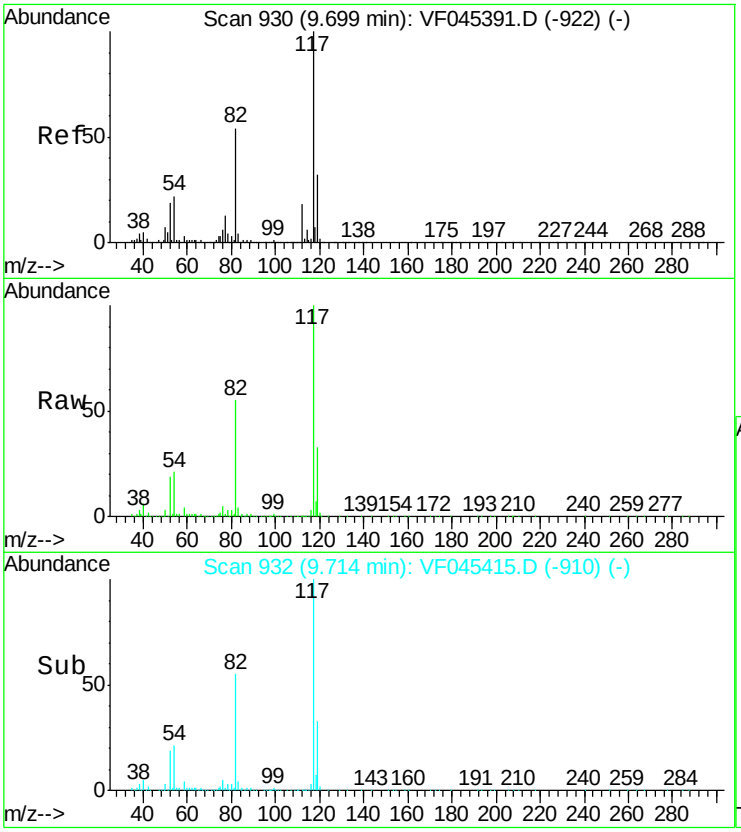


#61
4-Bromofluorobenzene
Concen: 42.90 ug/l
RT: 11.36 min Scan# 1099
Delta R.T. 0.01 min
Lab File: VF045415.D
Acq: 17 Sep 2015 19:20

Tgt Ion: 95 Resp: 843918

Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	177.8
176	77.4	0.0	176.2



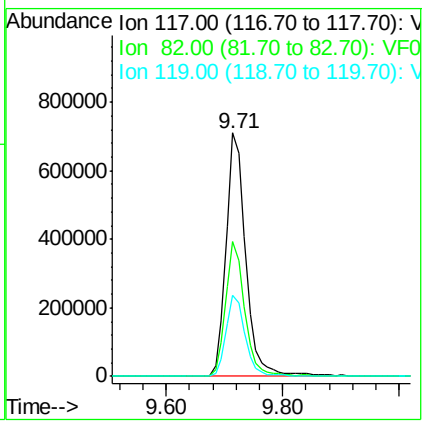


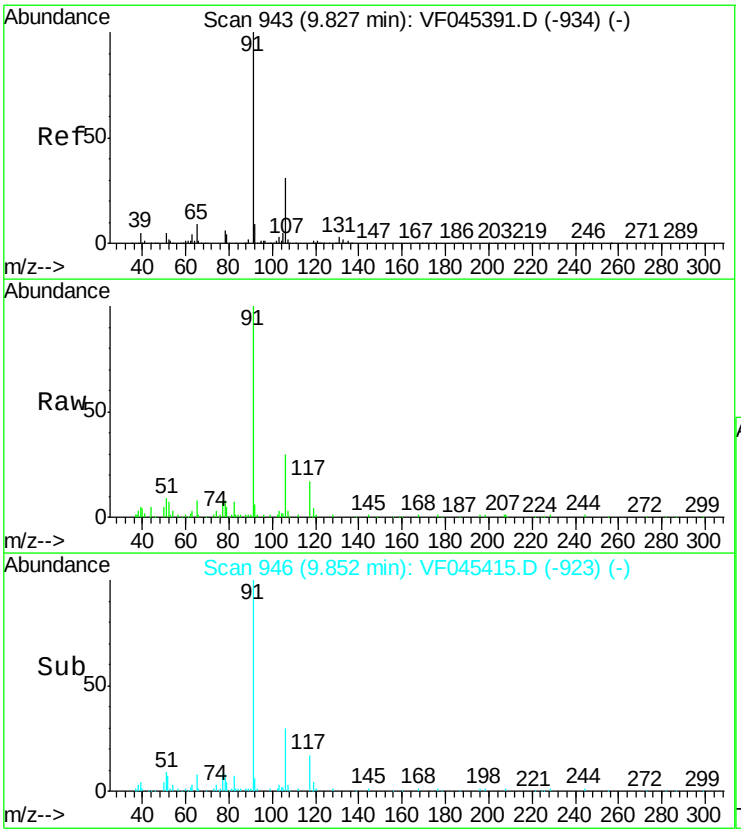
#62
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.71 min Scan# 932
Delta R.T. 0.01 min
Lab File: VF045415.D
Acq: 17 Sep 2015 19:20

Instrument : MSVOA_F
ClientSampleId : MGP201-40-41

Tgt Ion:117 Resp: 1663212

Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.0	67.6
119	33.4	26.2	39.4

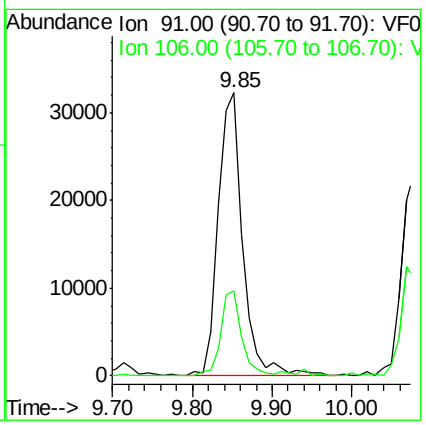


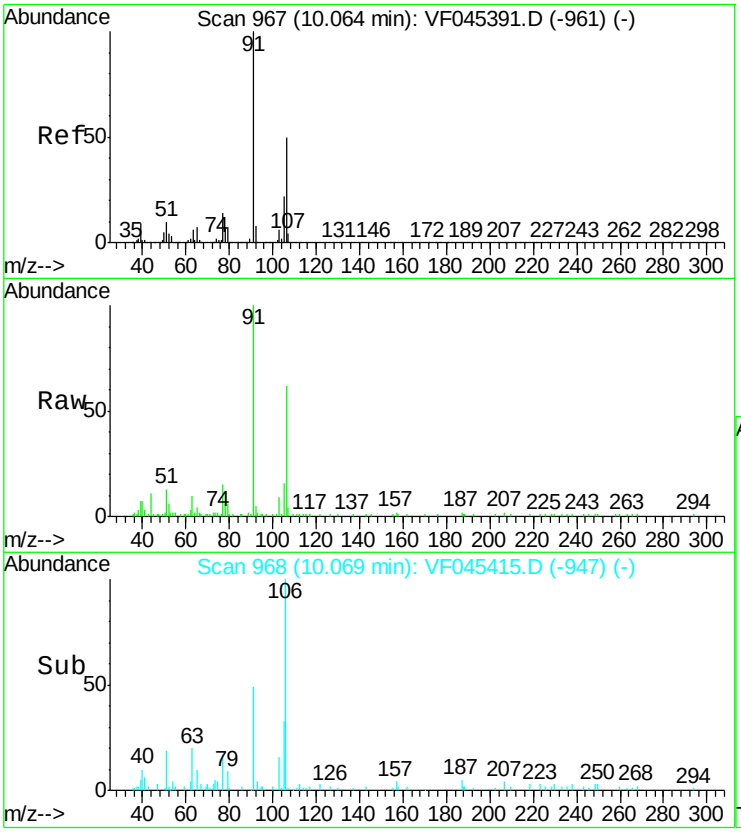


#66
Ethyl Benzene
Concen: 1.16 ug/l
RT: 9.85 min Scan# 946
Delta R.T. 0.02 min
Lab File: VF045415.D
Acq: 17 Sep 2015 19:20

Tgt Ion: 91 Resp: 70150

Ion	Ratio	Lower	Upper
91	100		
106	30.0	23.6	35.4



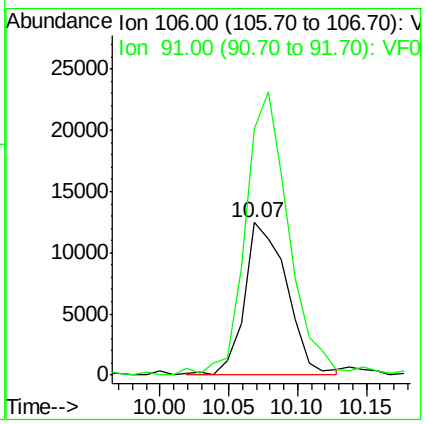


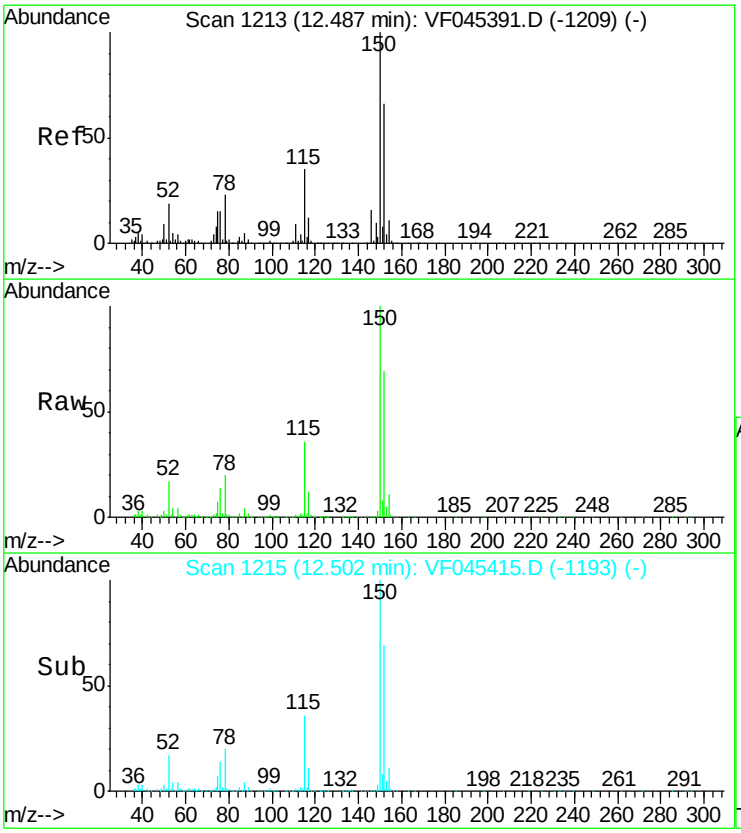
#67
m/p-Xylenes
Concen: 1.23 ug/l
RT: 10.07 min Scan# 968
Delta R.T. 0.01 min
Lab File: VF045415.D
Acq: 17 Sep 2015 19:20

Instrument :
MSVOA_F
ClientSampleId :
MGP201-40-41

Tgt Ion:106 Resp: 26600

Ion	Ratio	Lower	Upper
106	100		
91	161.5	166.1	249.1#

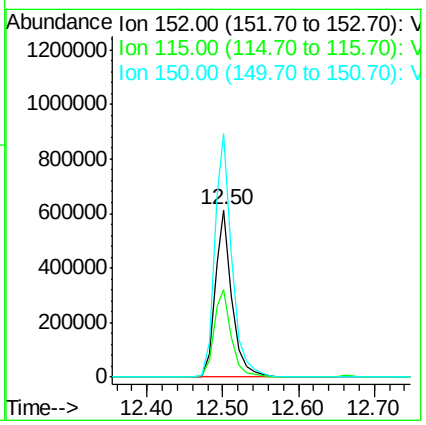


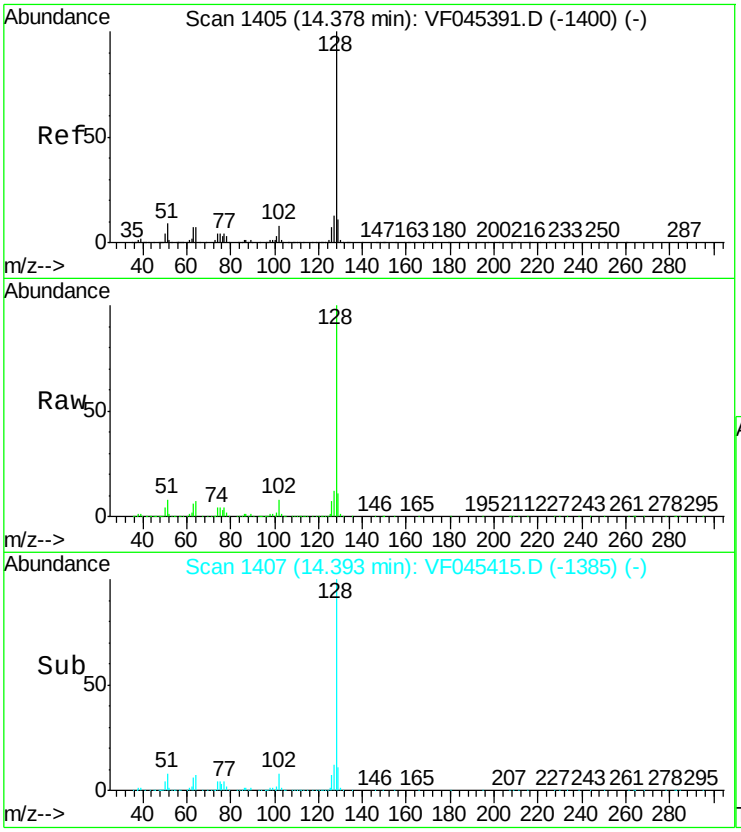


#71
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.50 min Scan# 1215
Delta R.T. 0.01 min
Lab File: VF045415.D
Acq: 17 Sep 2015 19:20

Tgt Ion:152 Resp: 946526

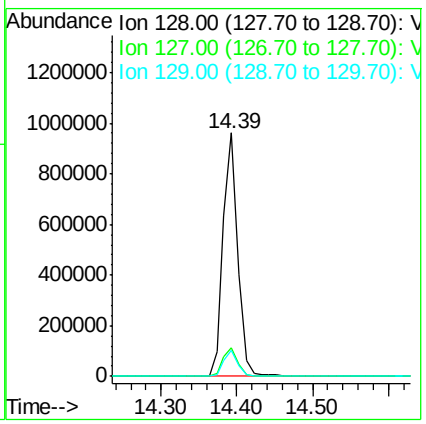
Ion	Ratio	Lower	Upper
152	100		
115	52.2	28.3	85.0
150	145.6	0.0	324.2





#94
Naphthalene
Concen: 42.59 ug/l
RT: 14.39 min Scan# 1407
Delta R.T. 0.02 min
Lab File: VF045415.D
Acq: 17 Sep 2015 19:20

Instrument :
MSVOA_F
ClientSampleId :
MGP201-40-41

Tgt Ion:128 Resp: 1300951

Ion	Ratio	Lower	Upper
128	100		
127	12.0	9.8	14.8
129	10.8	8.8	13.2