Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_D\DATA\VD092115\
Data File : VD046815.D
Acq On : 21 Sep 2015 18:52
Operator : FY/SY
Sample : G3748-05
Misc : 12.43gm/5mL/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : MGP205-17-19

Quant Time: Sep 22 01:06:21 2015
Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 18 15:47:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	6.29	168	279005	50.00	ug/l		-0.02
34) 1,4-Difluorobenzene	7.42	114	370911	50.00	ug/l		-0.02
63) Chlorobenzene-d5	11.57	117	284197	50.00	ug/l		-0.02
72) 1,4-Dichlorobenzene-d4	13.91	152	136700	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.70	65	118574	40.88	ug/l		-0.02
Spiked Amount 50.000			Recovery = 81.76%				
35) Dibromofluoromethane	6.19	113	136929	47.18	ug/l		-0.03
Spiked Amount 50.000			Recovery = 94.36%				
50) Toluene-d8	9.60	98	405922	44.34	ug/l		-0.02
Spiked Amount 50.000			Recovery = 88.68%				
62) 4-Bromofluorobenzene	12.84	95	144832	39.29	ug/l		-0.02
Spiked Amount 50.000			Recovery = 78.58%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.41	85	993	Below Cal		#	66
3) Chlorodifluoromethane	1.43	51	610	Below Cal		#	66
6) Bromomethane	1.97	94	393	Below Cal		#	2
11) Methyl Iodide	3.09	142	79	1.76	ug/l	#	35
12) Tert butyl alcohol	3.69	59	66	Below Cal		#	74
17) Acetone	2.93	43	14461	29.50	ug/l		93
21) Methylene Chloride	3.49	84	8466	3.18	ug/l	#	84
24) Vinyl Acetate	4.59	43	43	15.01	ug/l	#	82
26) 2-Butanone	5.44	43	3579	6.50	ug/l	#	88
31) Cyclohexane	6.29	56	6608	1.52	ug/l	#	1
36) 1,1-Dichloropropene	6.29	75	22992	5.30	ug/l	#	51
38) Carbon Tetrachloride	6.29	117	23165	5.14	ug/l	#	17
49) 1,4-Dioxane	8.33	88	40	3.85	ug/l	#	20
56) Ethyl methacrylate	10.21	69	324	4.04	ug/l	#	20
58) 2-Chloroethyl Vinyl ether	8.99	63	31	6.36	ug/l	#	53
74) N-amyl acetate	12.52	43	161	4.77	ug/l	#	39
77) Bromobenzene	12.86	156	3326	1.37	ug/l	#	6
81) trans-1,4-Dichloro-2-buten	12.84	75	71874	148.93	ug/l	#	9
87) 1,3-Dichlorobenzene	13.83	146	5609	1.24	ug/l		93
88) 1,4-Dichlorobenzene	13.93	146	9878	2.20	ug/l		93
95) Naphthalene	15.81	128	187907	64.20	ug/l		98

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

Quantitation Report (Not Reviewed)

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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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MGP205-17-19

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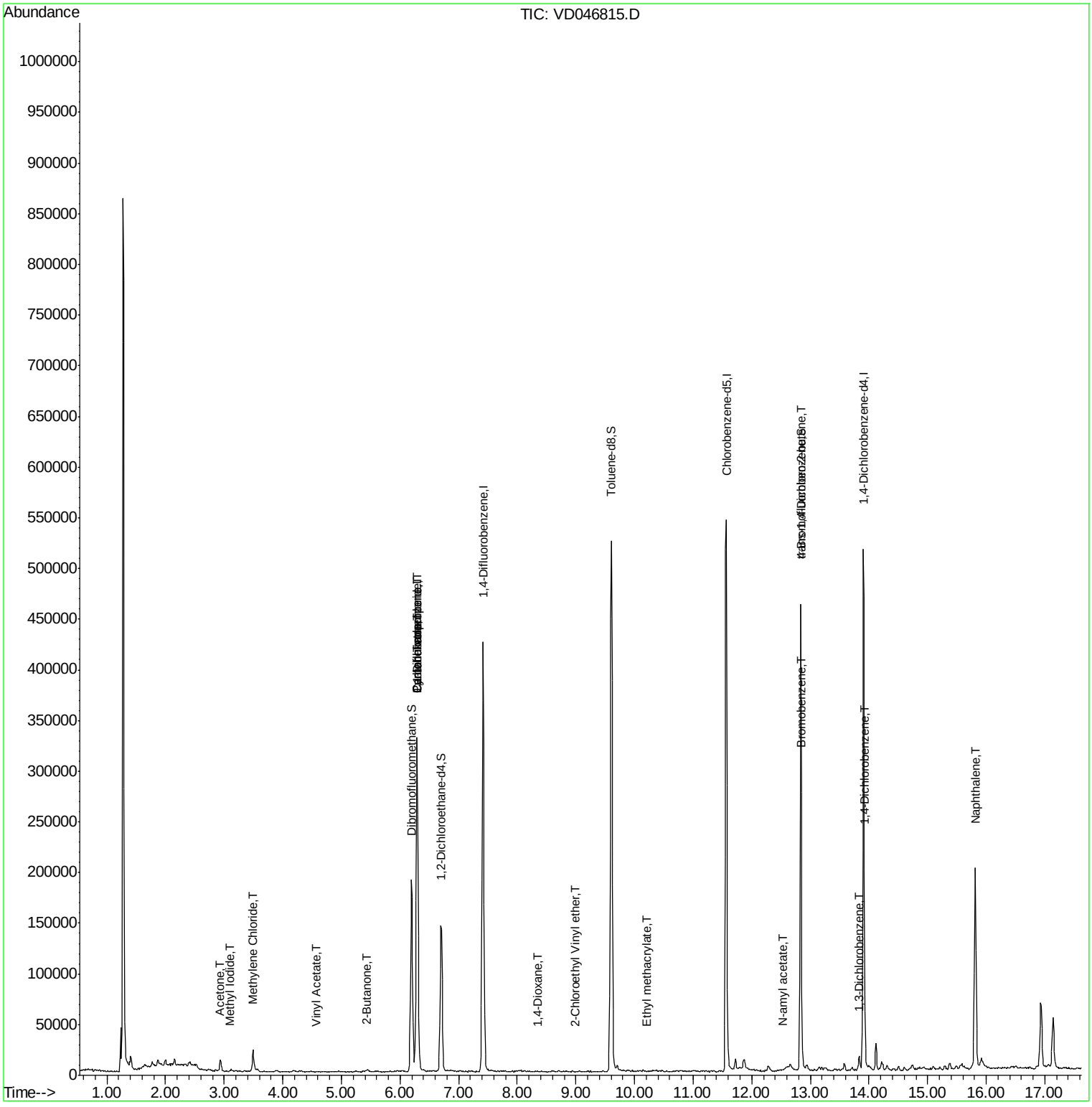
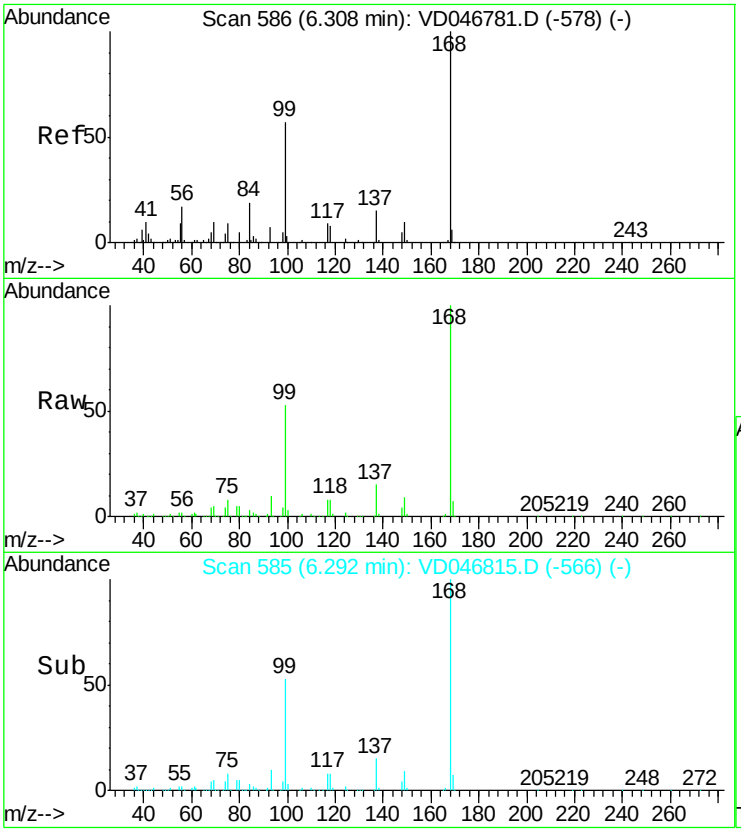


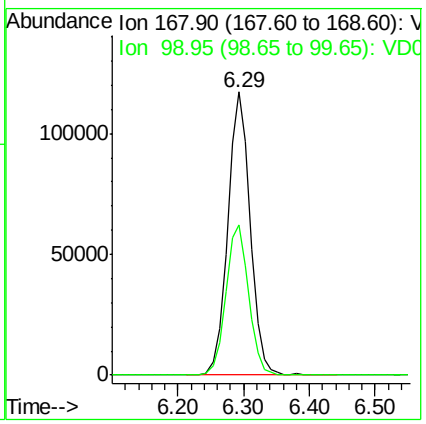


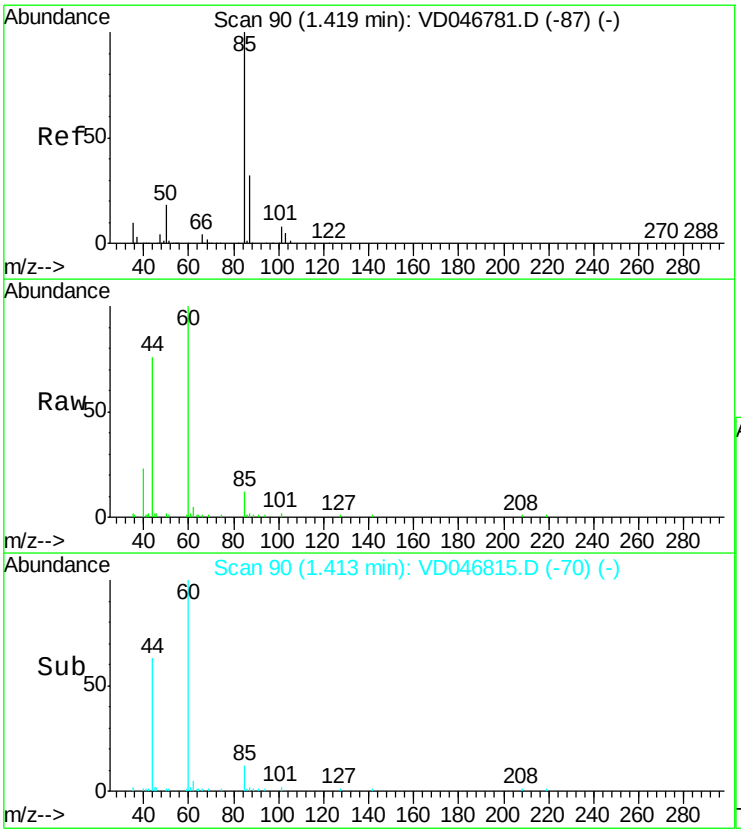
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 6.29 min Scan# 585
Delta R.T. -0.02 min
Lab File: VD046815.D
Acq: 21 Sep 2015 18:52

Instrument :
MSVOA_D
ClientSampleId :
MGP205-17-19

Tgt Ion:168 Resp: 279005

Ion	Ratio	Lower	Upper
168	100		
99	53.2	42.4	63.6

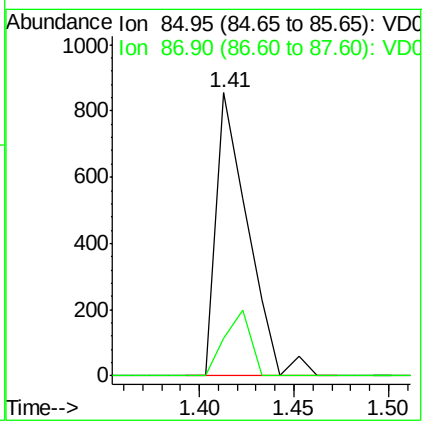


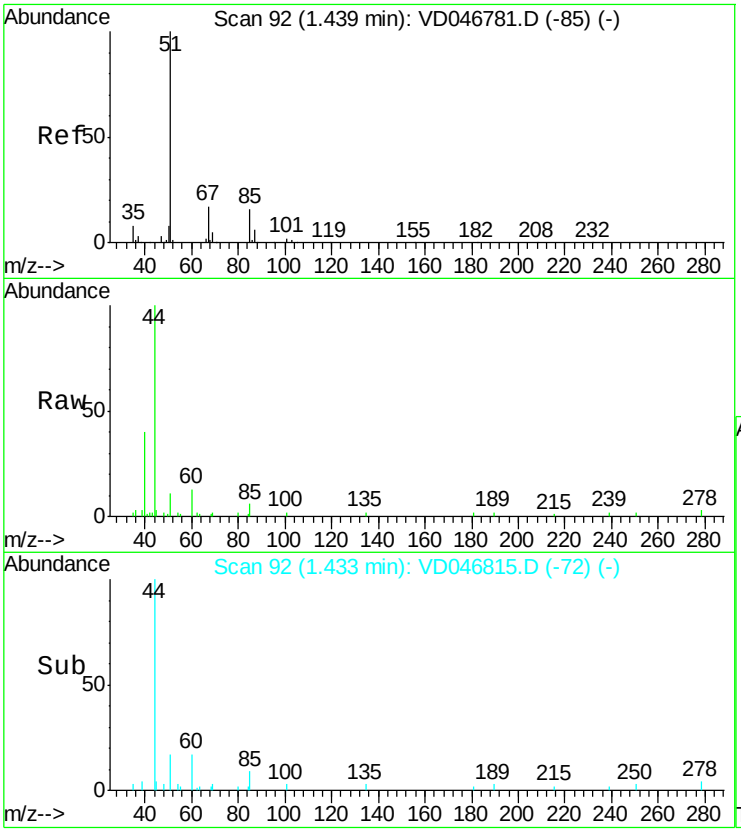


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.41 min Scan# 90
Delta R.T. -0.01 min
Lab File: VD046815.D
Acq: 21 Sep 2015 18:52

Tgt Ion: 85 Resp: 993

Ion	Ratio	Lower	Upper
85	100		
87	13.2	16.2	48.5#



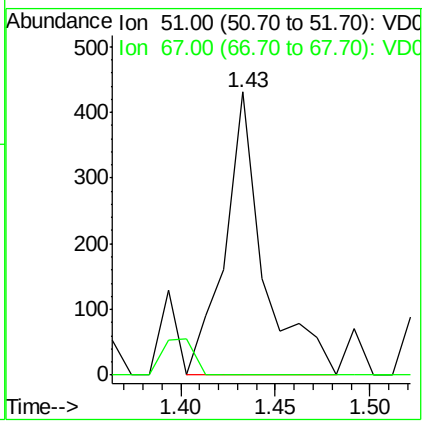


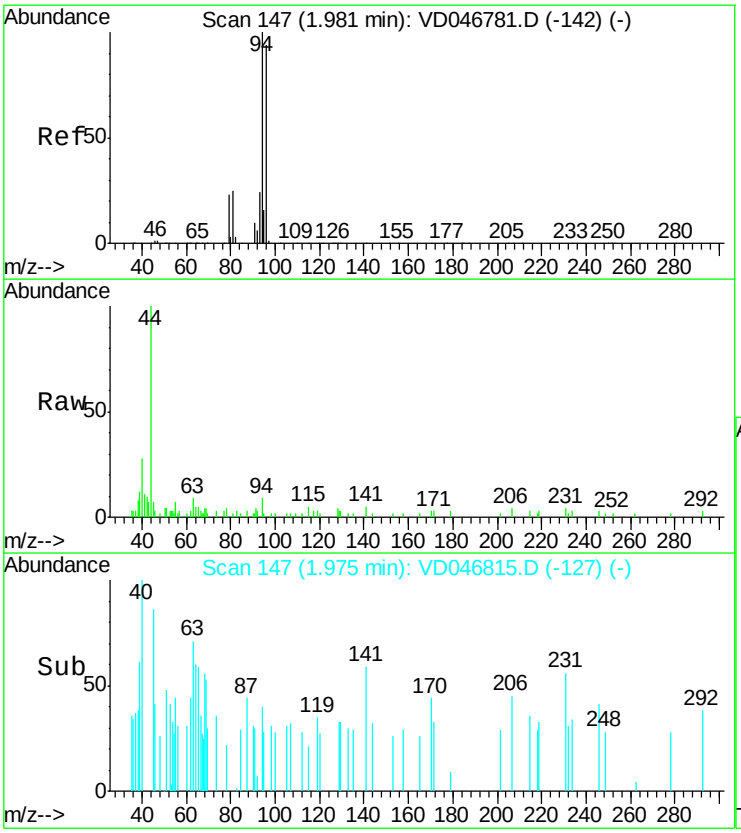
#3
Chlorodifluoromethane
Concen: Below Cal
RT: 1.43 min Scan# 92
Delta R.T. -0.01 min
Lab File: VD046815.D
Acq: 21 Sep 2015 18:52

Instrument :
MSVOA_D
ClientSampleId :
MGP205-17-19

Tgt Ion: 51 Resp: 610

Ion	Ratio	Lower	Upper
51	100		
67	0.0	10.9	16.3#

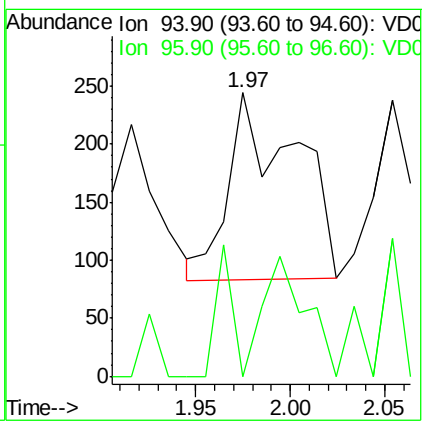


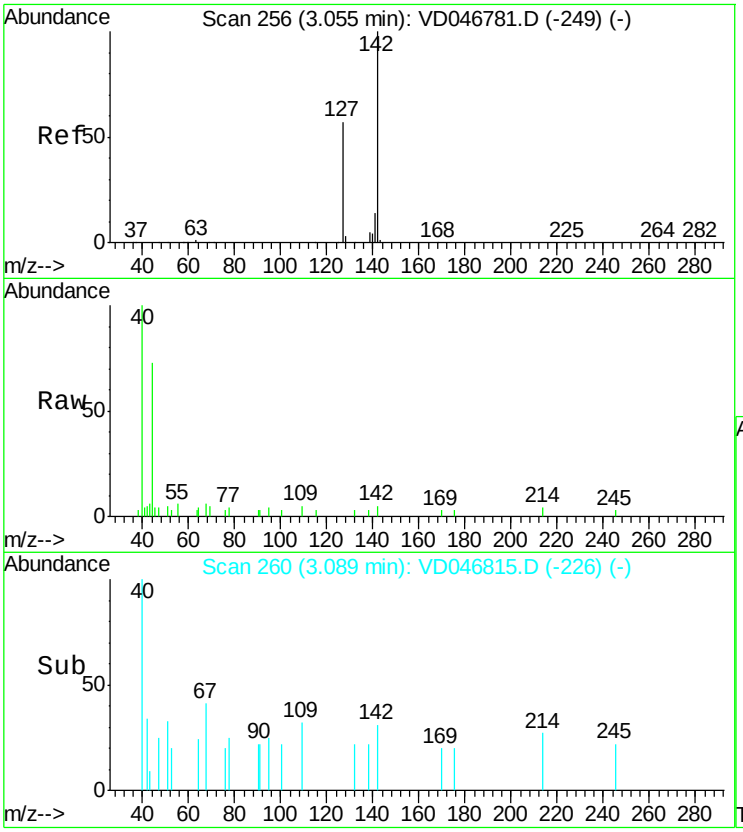


#6
Bromomethane
Concen: Below Cal
RT: 1.97 min Scan# 147
Delta R.T. -0.01 min
Lab File: VD046815.D
Acq: 21 Sep 2015 18:52

Tgt Ion: 94 Resp: 393

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.0	114.0#



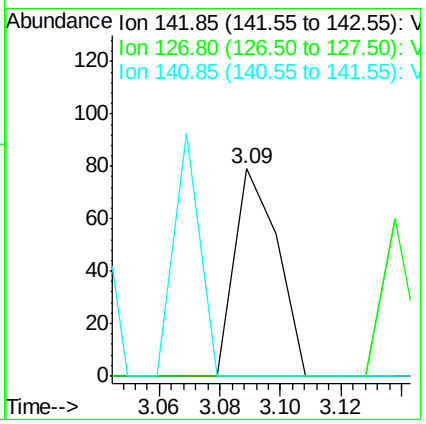


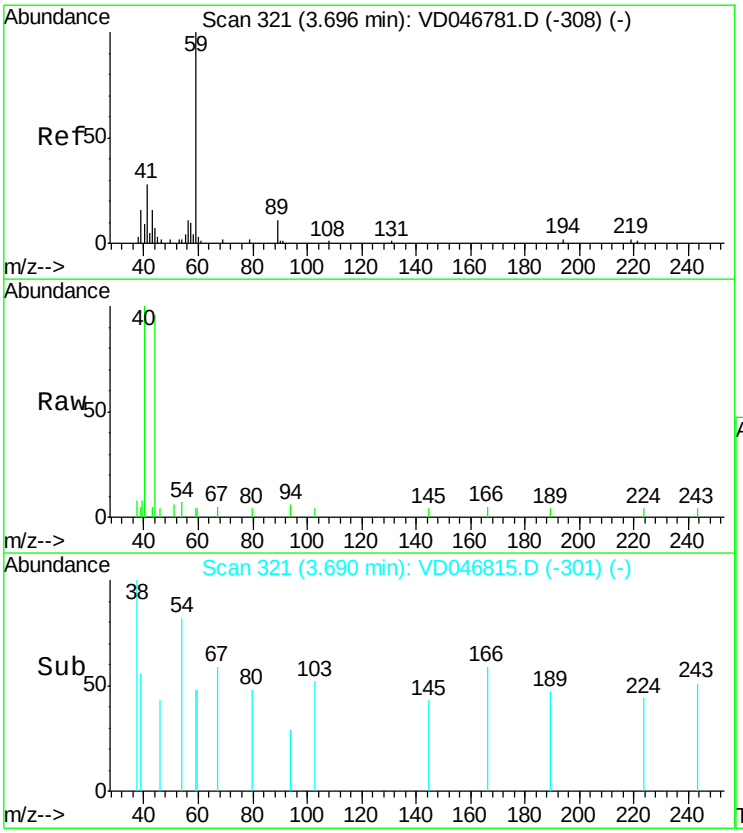
#11
Methyl Iodide
Concen: 1.76 ug/l
RT: 3.09 min Scan# 260
Delta R.T. 0.03 min
Lab File: VD046815.D
Acq: 21 Sep 2015 18:52

Instrument : MSVOA_D
ClientSampleId : MGP205-17-19

Tgt Ion:142 Resp: 79

Ion	Ratio	Lower	Upper
142	100		
127	0.0	41.2	61.8#
141	0.0	11.6	17.4#

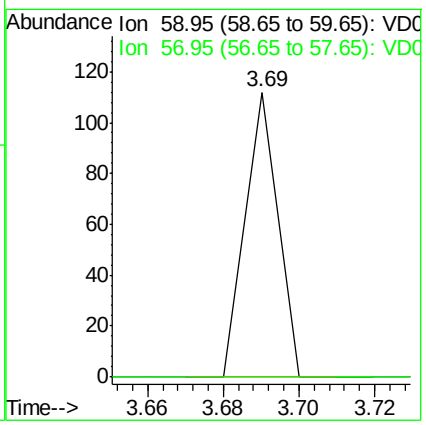


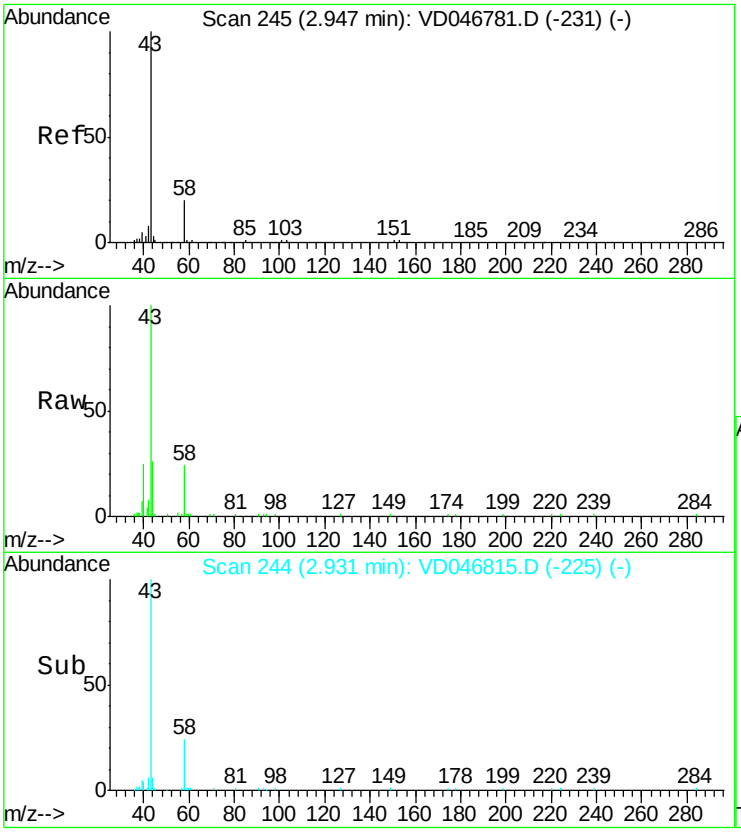


#12
Tert butyl alcohol
Concen: Below Cal
RT: 3.69 min Scan# 321
Delta R.T. -0.01 min
Lab File: VD046815.D
Acq: 21 Sep 2015 18:52

Tgt Ion: 59 Resp: 66

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#



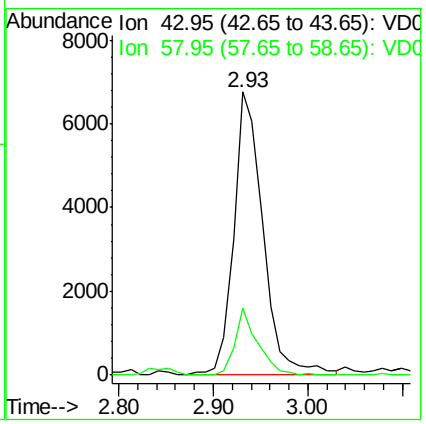


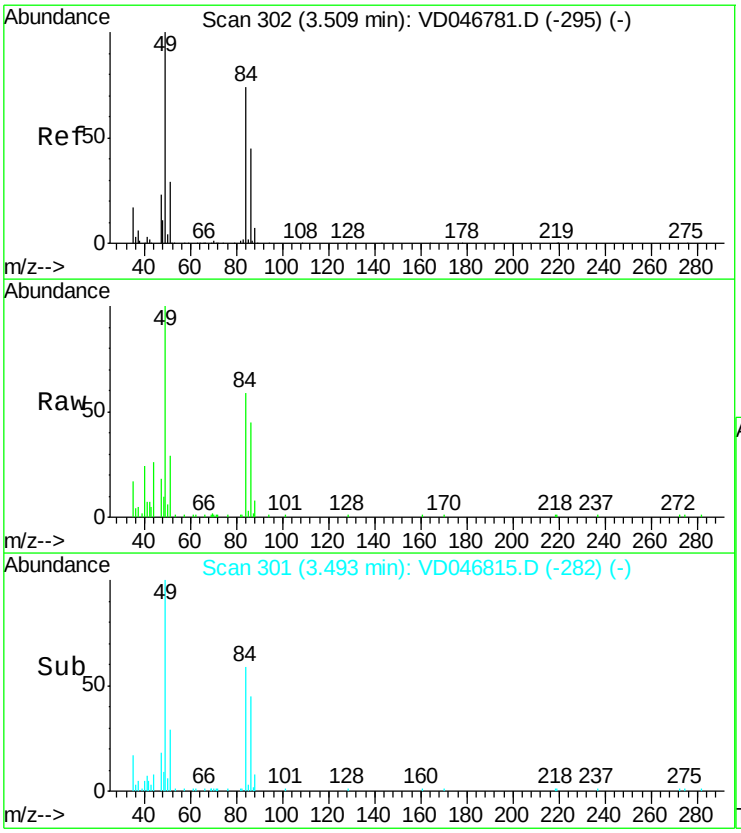
#17
Acetone
Concen: 29.50 ug/l
RT: 2.93 min Scan# 244
Delta R.T. -0.02 min
Lab File: VD046815.D
Acq: 21 Sep 2015 18:52

Instrument : MSVOA_D
ClientSampleId : MGP205-17-19

Tgt Ion: 43 Resp: 14461

Ion	Ratio	Lower	Upper
43	100		
58	23.9	16.6	24.8

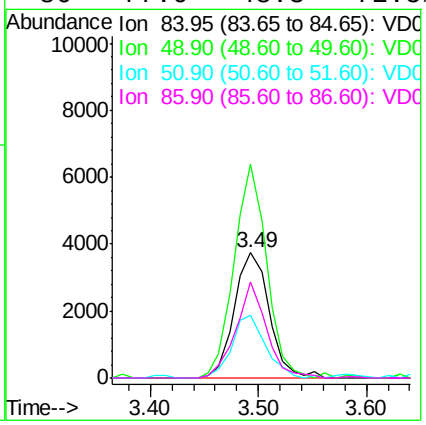


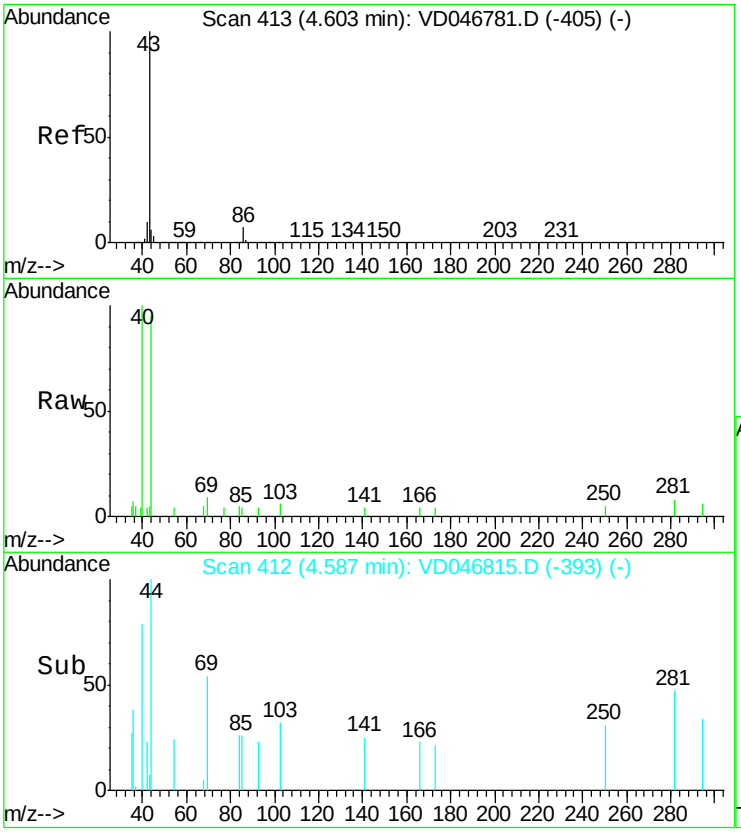


#21
Methylene Chloride
Concen: 3.18 ug/l
RT: 3.49 min Scan# 301
Delta R.T. -0.02 min
Lab File: VD046815.D
Acq: 21 Sep 2015 18:52

Tgt Ion: 84 Resp: 8466

Ion	Ratio	Lower	Upper
84	100		
49	170.9	122.1	183.1
51	50.3	33.6	50.4
86	77.0	48.3	72.5#



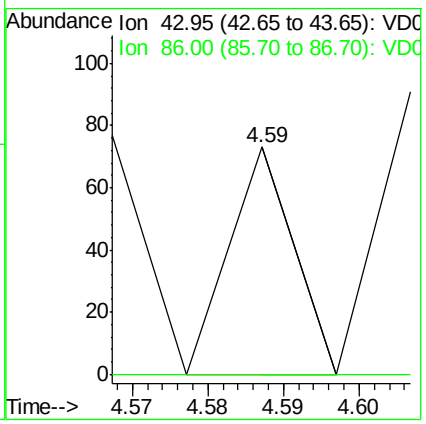


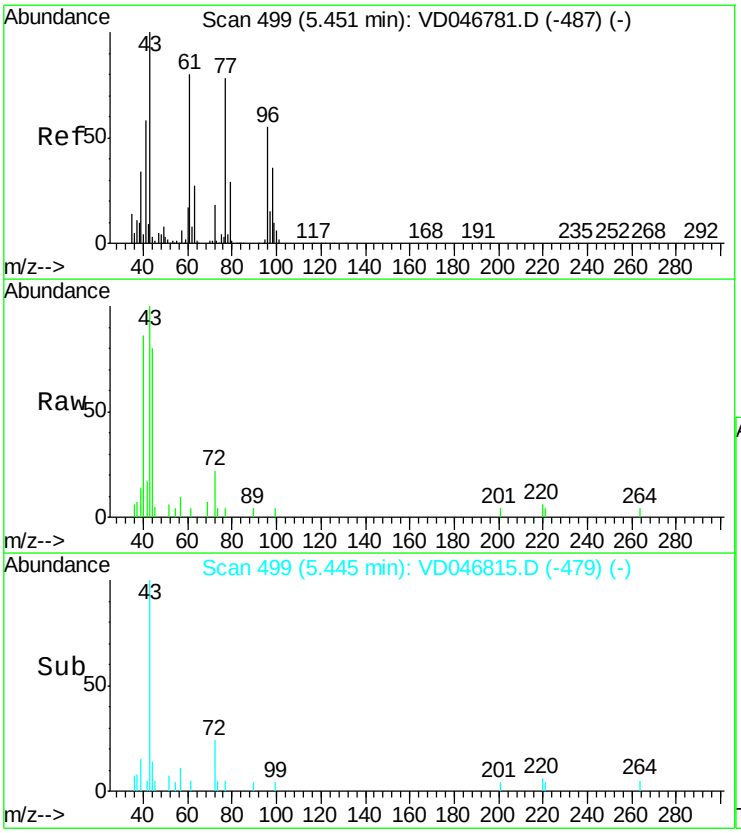
#24
Vinyl Acetate
Concen: 15.01 ug/l
RT: 4.59 min Scan# 412
Delta R.T. -0.02 min
Lab File: VD046815.D
Acq: 21 Sep 2015 18:52

Instrument : MSVOA_D
ClientSampleId : MGP205-17-19

Tgt Ion: 43 Resp: 43

Ion	Ratio	Lower	Upper
43	100		
86	0.0	4.9	7.3#

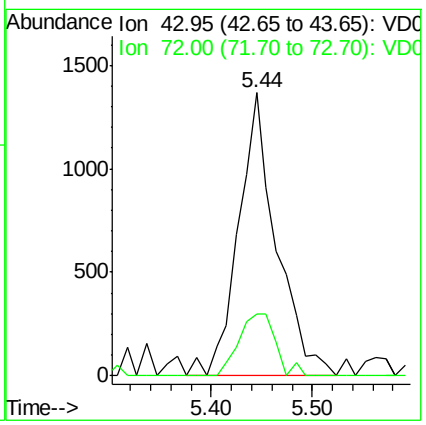


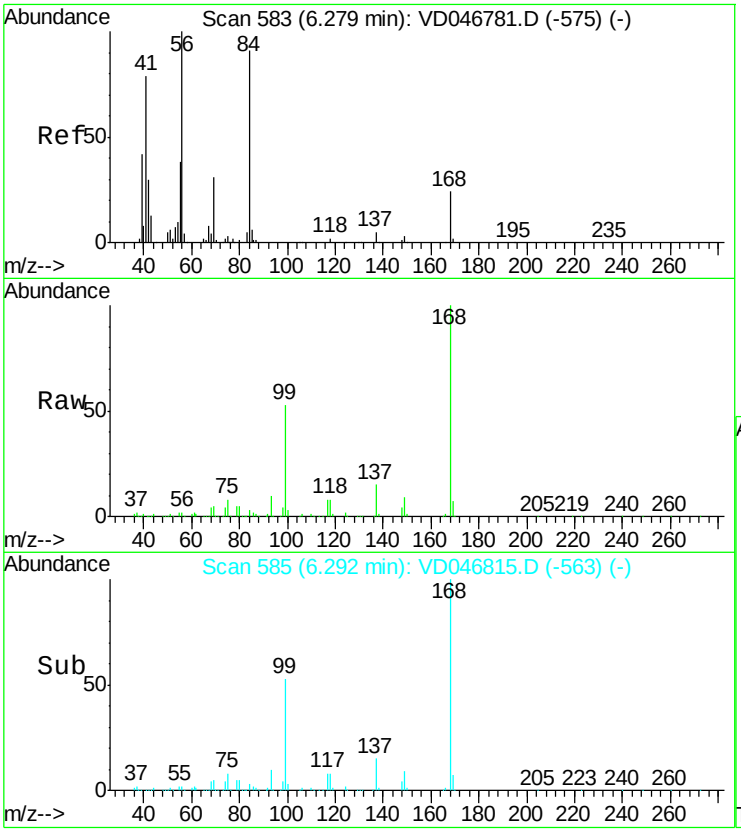


#26
2-Butanone
Concen: 6.50 ug/l
RT: 5.44 min Scan# 499
Delta R.T. -0.01 min
Lab File: VD046815.D
Acq: 21 Sep 2015 18:52

Tgt Ion: 43 Resp: 3579

Ion	Ratio	Lower	Upper
43	100		
72	21.9	13.4	20.0#



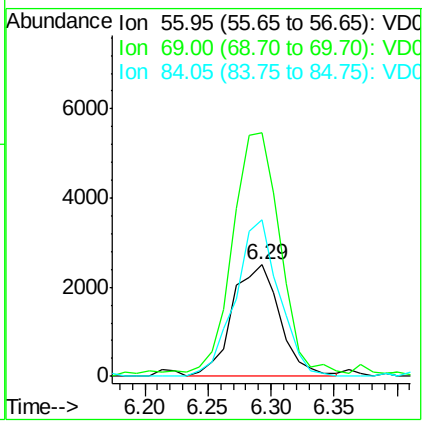


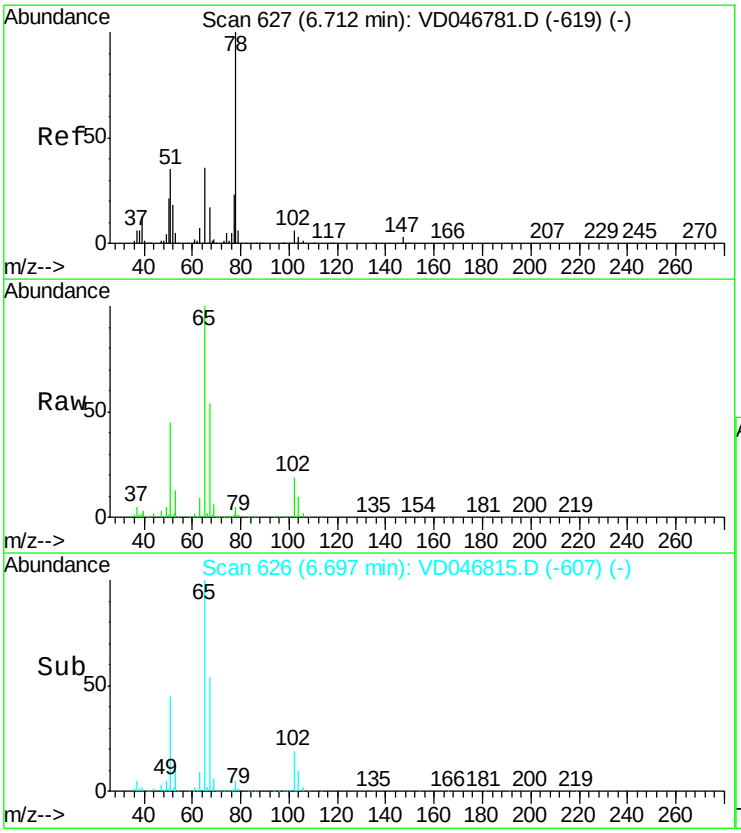
#31
Cyclohexane
Concen: 1.52 ug/l
RT: 6.29 min Scan# 585
Delta R.T. 0.01 min
Lab File: VD046815.D
Acq: 21 Sep 2015 18:52

Instrument : MSVOA_D
ClientSampleId : MGP205-17-19

Tgt Ion: 56 Resp: 6608

Ion	Ratio	Lower	Upper
56	100		
69	218.4	23.4	35.0#
84	141.0	63.8	95.8#

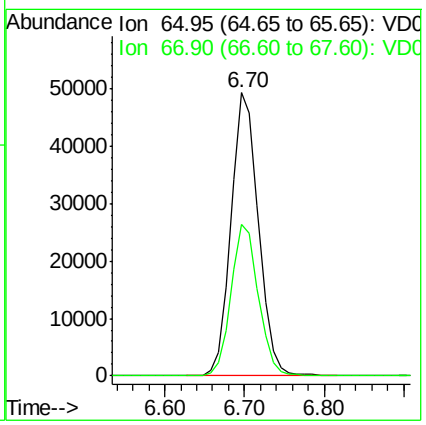


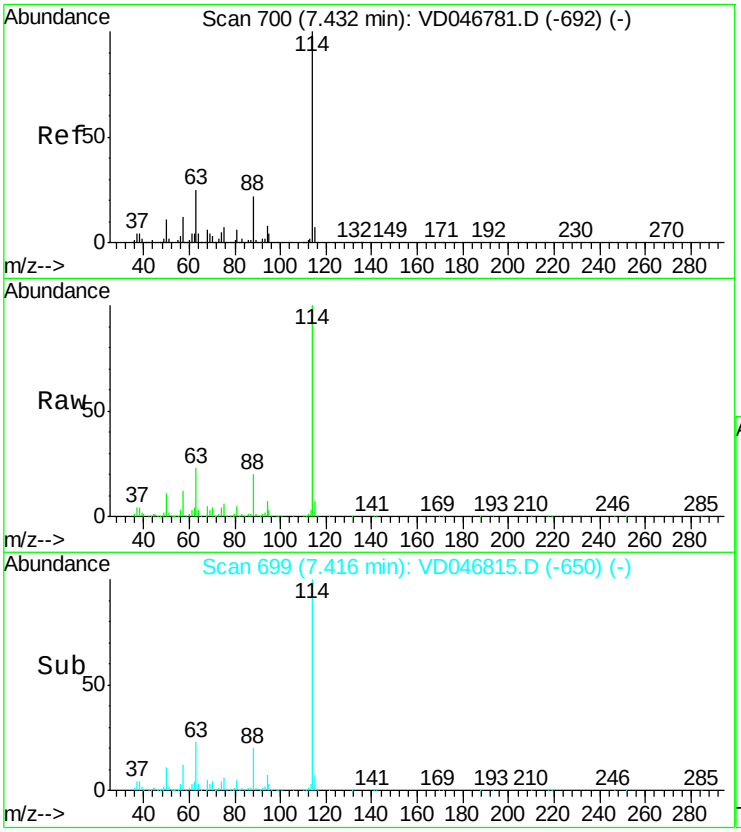


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.70 min Scan# 626
Delta R.T. -0.02 min
Lab File: VD046815.D
Acq: 21 Sep 2015 18:52

Tgt Ion: 65 Resp: 118574

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	105.4



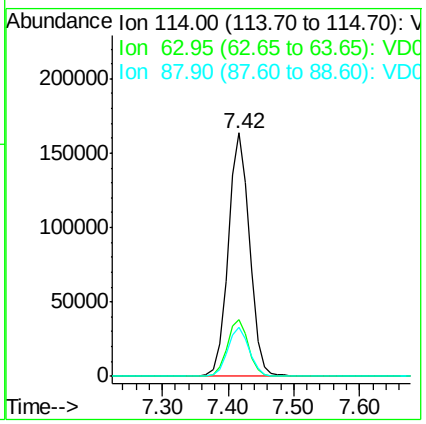


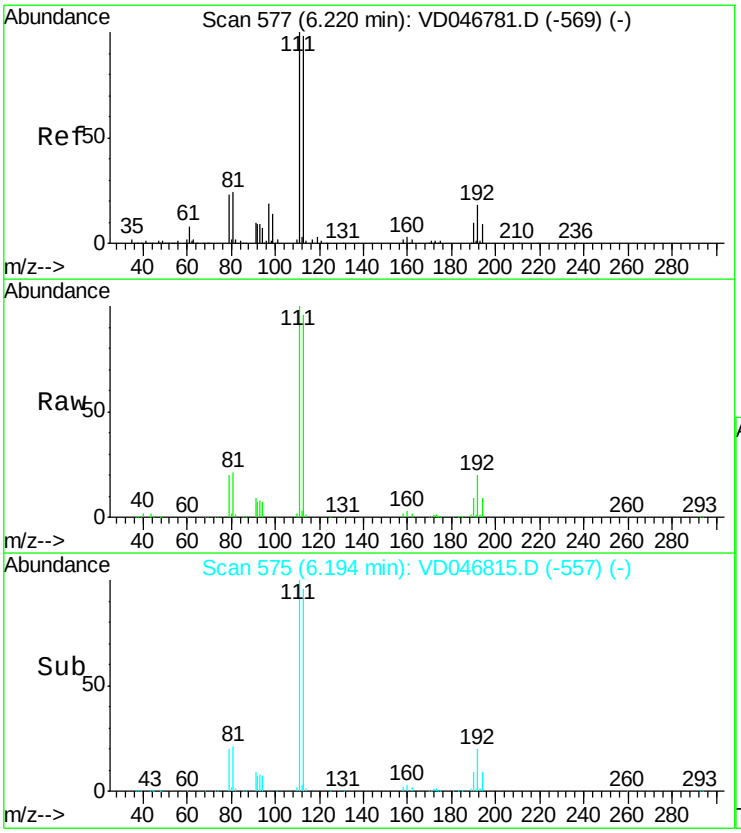
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 7.42 min Scan# 699
Delta R.T. -0.02 min
Lab File: VD046815.D
Acq: 21 Sep 2015 18:52

Instrument : MSVOA_D
ClientSampleId : MGP205-17-19

Tgt Ion:114 Resp: 370911

Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	49.8
88	20.2	0.0	43.6





#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 6.19 min Scan# 575
Delta R.T. -0.03 min
Lab File: VD046815.D
Acq: 21 Sep 2015 18:52

Tgt Ion:113 Resp: 136929

Ion	Ratio	Lower	Upper
113	100		
111	103.9	79.4	119.0
192	20.7	14.6	22.0