Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_D\DATA\VD010616\
Data File : VD048319.D
Acq On : 6 Jan 2016 14:01
Operator : FY/SY
Sample : VD0106SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 07 04:26:06 2016
Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D010416S.M
Quant Title : SW846 8260
QLast Update : Mon Jan 04 14:08:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	6.25	168	210164	50.00	ug/l		-0.03
33) 1,4-Difluorobenzene	7.38	114	372225	50.00	ug/l		-0.03
62) Chlorobenzene-d5	11.54	117	373402	50.00	ug/l		-0.02
71) 1,4-Dichlorobenzene-d4	13.88	152	167726	50.00	ug/l		-0.02
System Monitoring Compounds							
32) 1,2-Dichloroethane-d4	6.66	65	133645	51.89	ug/l		-0.04
Spiked Amount 50.000			Recovery = 103.78%				
34) Dibromofluoromethane	6.15	113	120106	47.78	ug/l		-0.04
Spiked Amount 50.000			Recovery = 95.56%				
49) Toluene-d8	9.56	98	414522	49.89	ug/l		-0.03
Spiked Amount 50.000			Recovery = 99.78%				
61) 4-Bromofluorobenzene	12.81	95	181197	50.22	ug/l		-0.02
Spiked Amount 50.000			Recovery = 100.44%				
Target Compounds							Qvalue
10) Methyl Iodide	3.01	142	265	4.32	ug/l	#	51
11) Tert butyl alcohol	3.61	59	878	Below Cal		#	73
13) Acrolein	2.74	56	205	1.02	ug/l		98
16) Acetone	2.90	43	3750	Below Cal		#	80
18) Methyl Acetate	3.30	43	111	Below Cal		#	58
20) Methylene Chloride	3.46	84	3184	1.23	ug/l		85
25) 2-Butanone	5.40	43	1052	1.76	ug/l	#	60
30) Cyclohexane	6.25	56	4898	1.34	ug/l	#	1
35) 1,1-Dichloropropene	6.25	75	19907	5.38	ug/l	#	50
37) Carbon Tetrachloride	6.25	117	22209	6.73	ug/l	#	15
48) 1,4-Dioxane	7.87	88	31	2.31	ug/l	#	16
52) t-1,3-Dichloropropene	10.08	75	59	2.03	ug/l	#	1
55) Ethyl methacrylate	10.17	69	82	2.96	ug/l	#	30
57) 2-Chloroethyl Vinyl ether	8.98	63	47	Below Cal		#	52
58) 2-Hexanone	10.68	43	346	10.24	ug/l	#	28
80) trans-1,4-Dichloro-2-buten	12.81	75	90954	110.61	ug/l	#	11
94) Naphthalene	15.78	128	777	3.69	ug/l	#	81

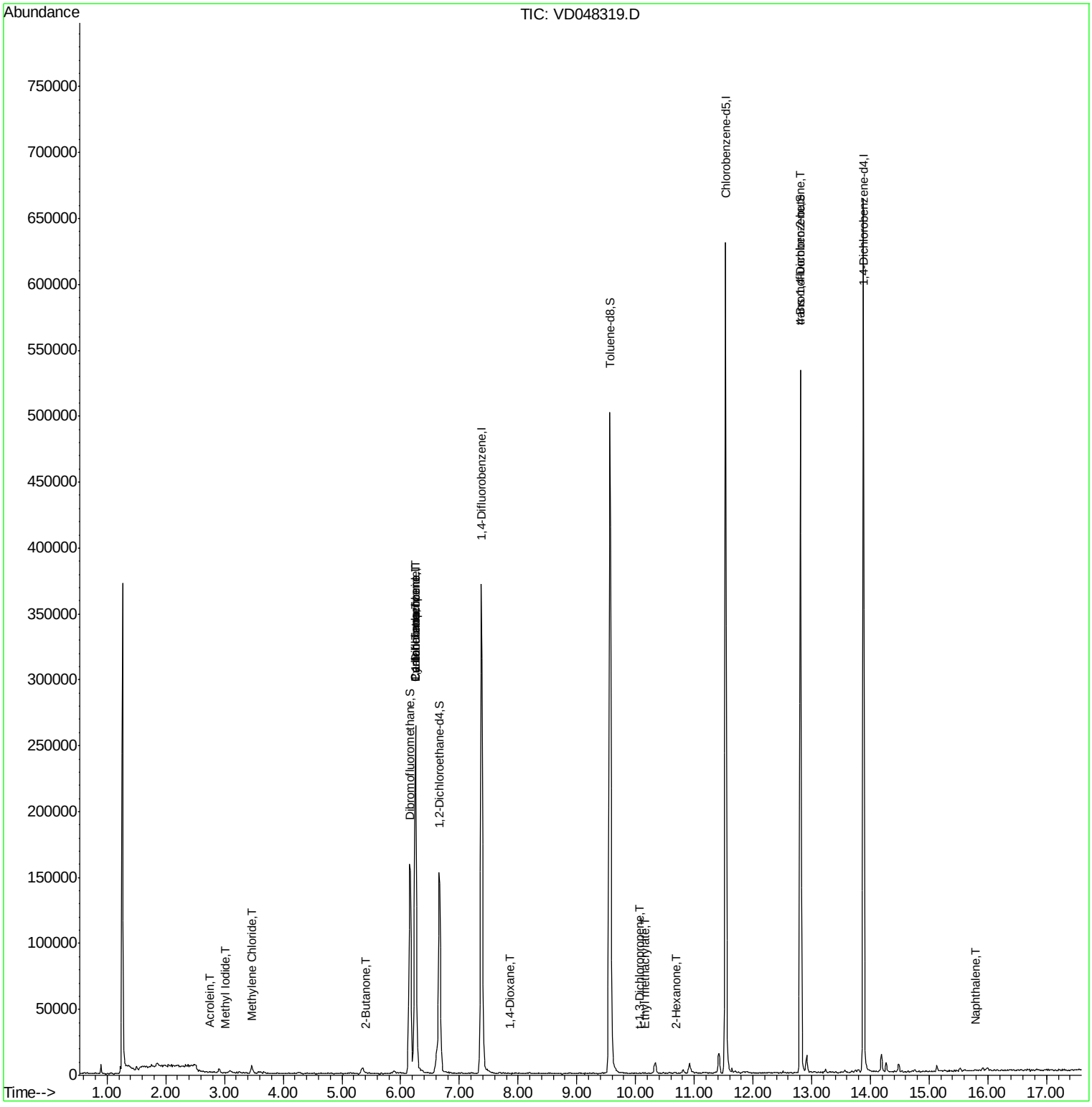
(#) = qualifier out of range (m) = manual integration (+) = signals summed

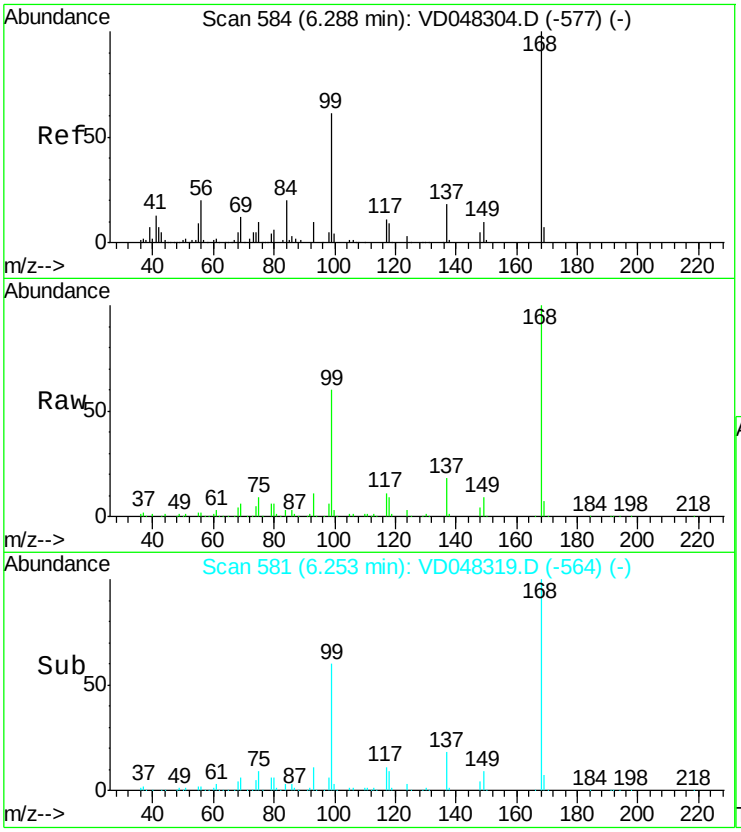
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_D\DATA\VD010616\
Data File : VD048319.D
Acq On : 6 Jan 2016 14:01
Operator : FY/SY
Sample : VD0106SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 07 04:26:06 2016
Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D010416S.M
Quant Title : SW846 8260
QLast Update : Mon Jan 04 14:08:32 2016
Response via : Initial Calibration



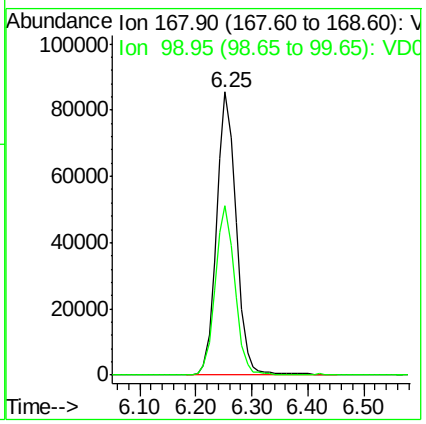


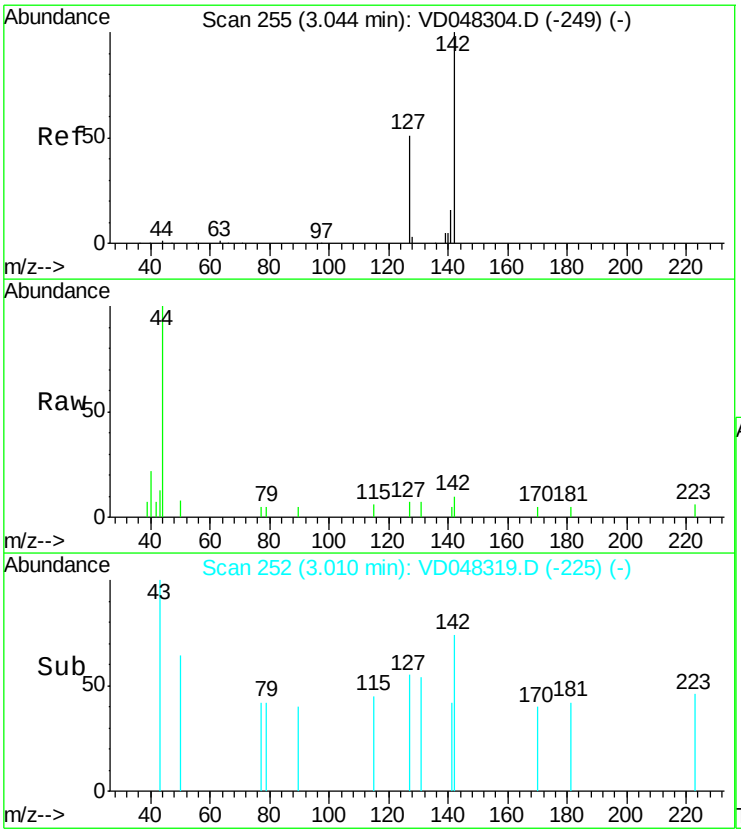
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 6.25 min Scan# 581
Delta R.T. -0.03 min
Lab File: VD048319.D
Acq: 6 Jan 2016 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 210164

Ion	Ratio	Lower	Upper
168	100		
99	59.7	47.3	70.9

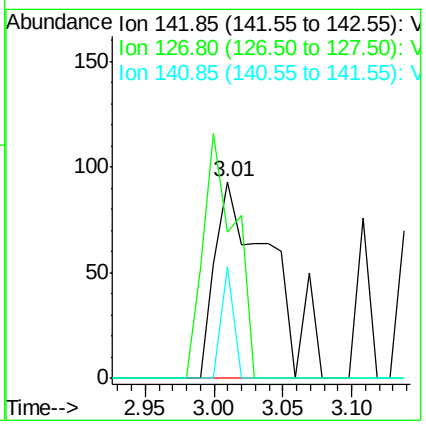


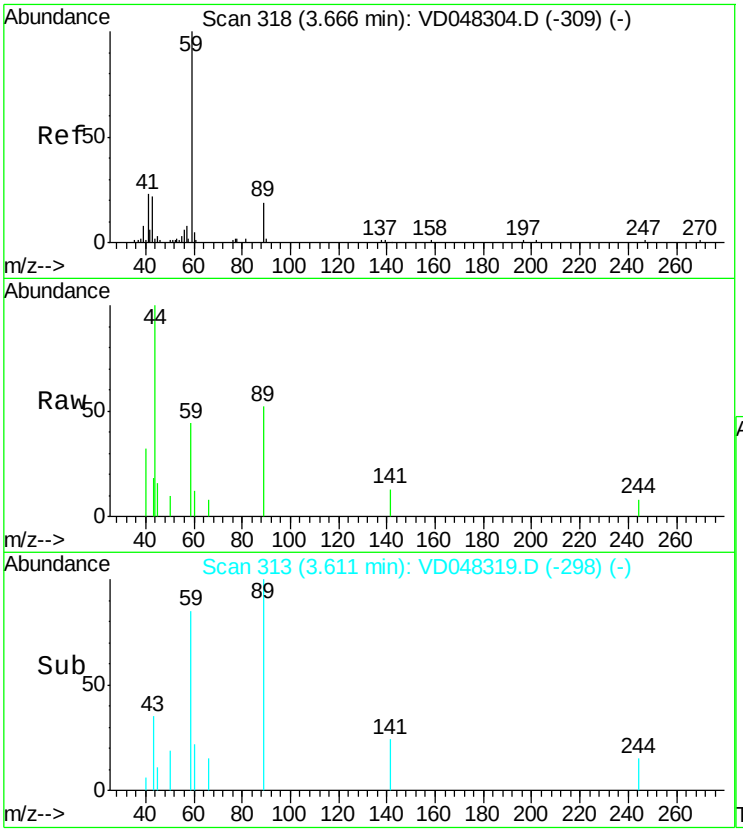


#10
Methyl Iodide
Concen: 4.32 ug/l
RT: 3.01 min Scan# 252
Delta R.T. -0.03 min
Lab File: VD048319.D
Acq: 6 Jan 2016 14:01

Tgt Ion:142 Resp: 265

Ion	Ratio	Lower	Upper
142	100		
127	74.2	40.6	61.0#
141	57.0	11.1	16.7#



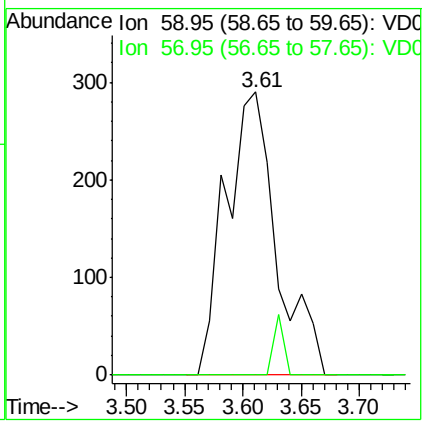


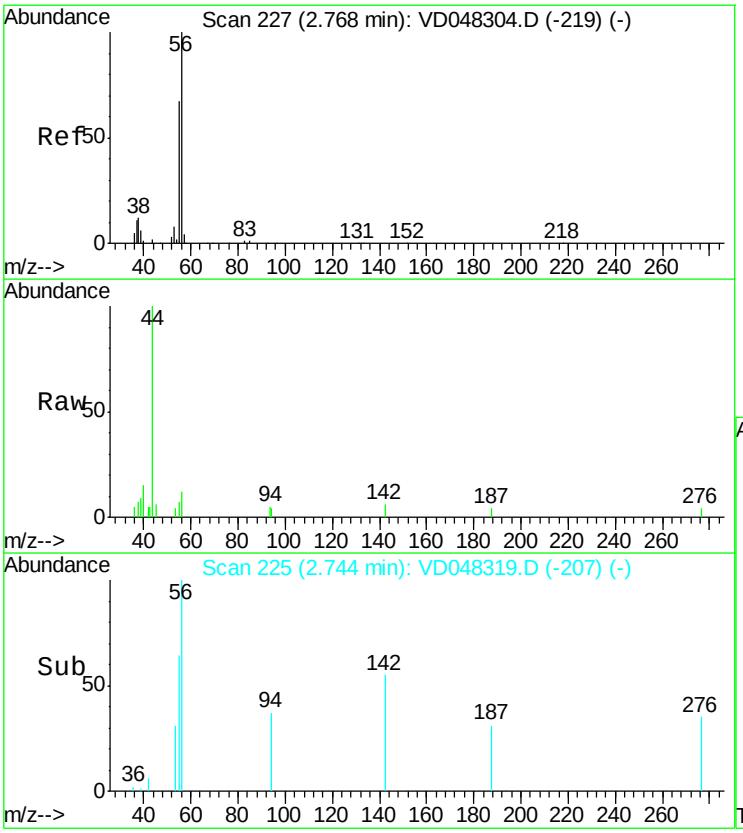
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.61 min Scan# 313
Delta R.T. -0.05 min
Lab File: VD048319.D
Acq: 6 Jan 2016 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 59 Resp: 878

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#

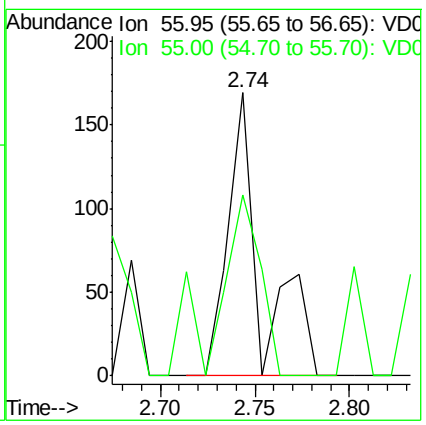


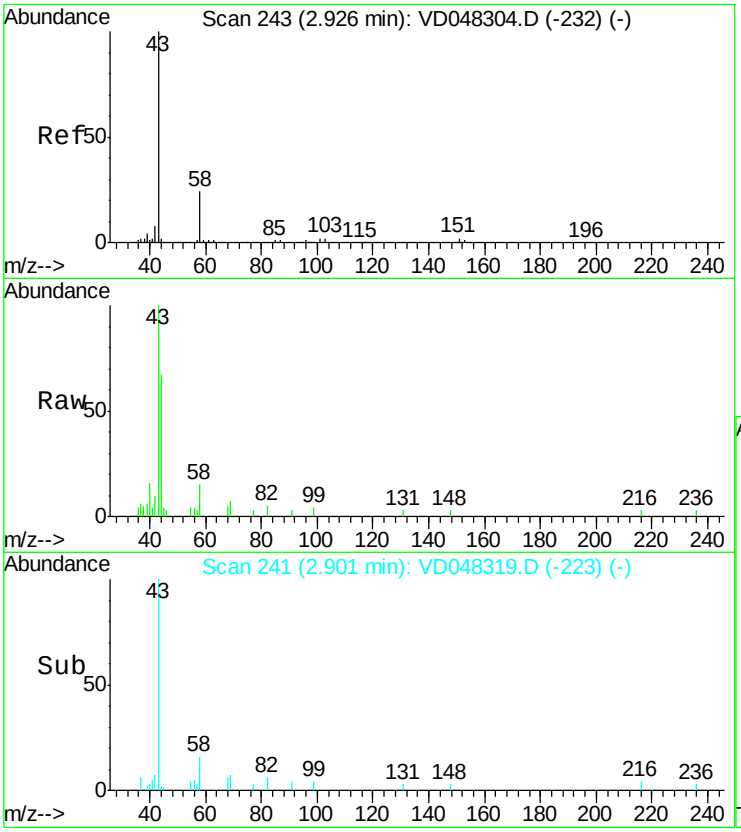


#13
Acrolein
Concen: 1.02 ug/l
RT: 2.74 min Scan# 225
Delta R.T. -0.02 min
Lab File: VD048319.D
Acq: 6 Jan 2016 14:01

Tgt Ion: 56 Resp: 205

Ion	Ratio	Lower	Upper
56	100		
55	63.9	52.2	78.4



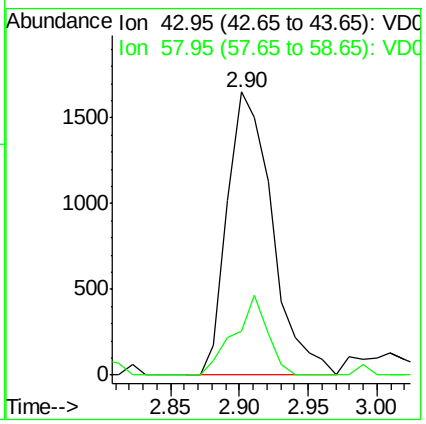


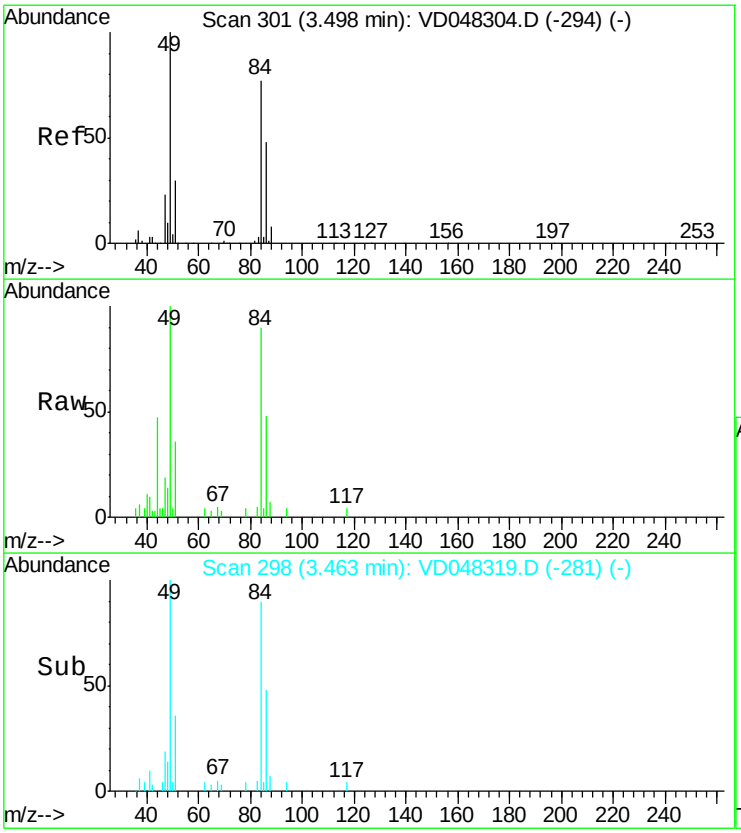
#16
Acetone
Concen: Below Cal
RT: 2.90 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD048319.D
Acq: 6 Jan 2016 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 43 Resp: 3750

Ion	Ratio	Lower	Upper
43	100		
58	15.3	20.6	30.8#

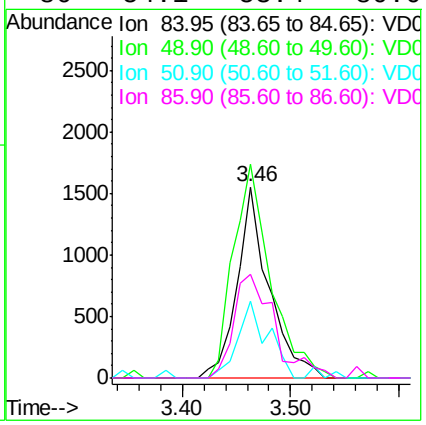


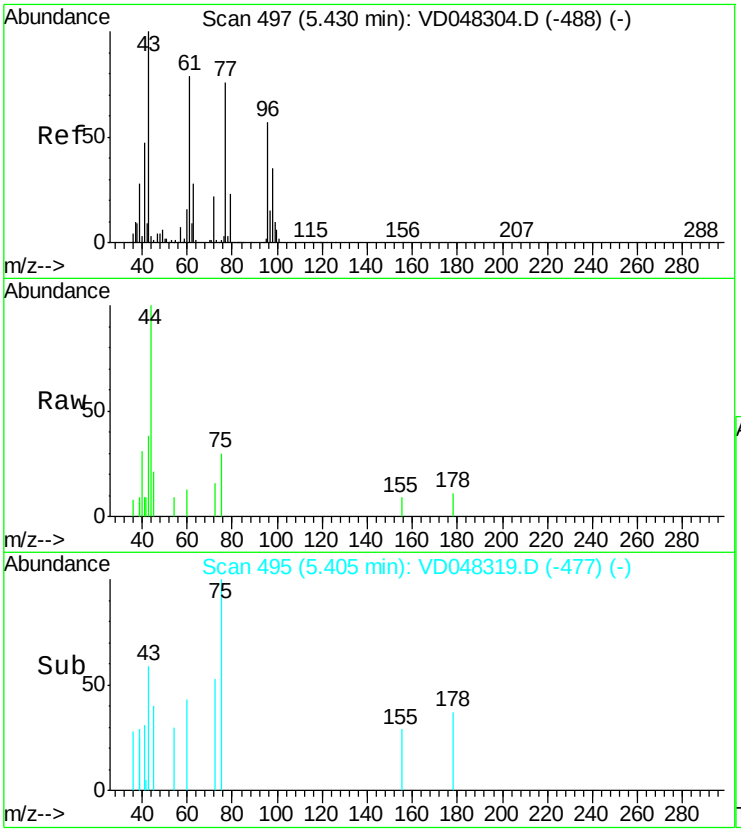


#20
Methylene Chloride
Concen: 1.23 ug/l
RT: 3.46 min Scan# 298
Delta R.T. -0.03 min
Lab File: VD048319.D
Acq: 6 Jan 2016 14:01

Tgt Ion: 84 Resp: 3184

Ion	Ratio	Lower	Upper
84	100		
49	111.6	106.5	159.7
51	40.3	33.2	49.8
86	54.1	53.4	80.0



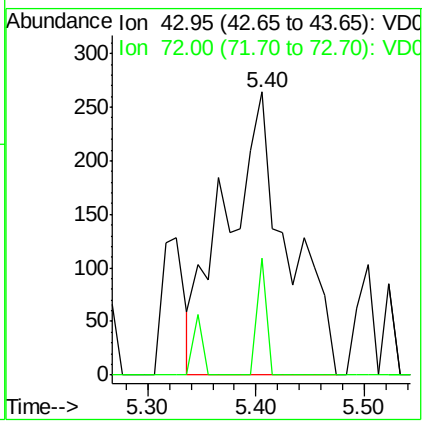


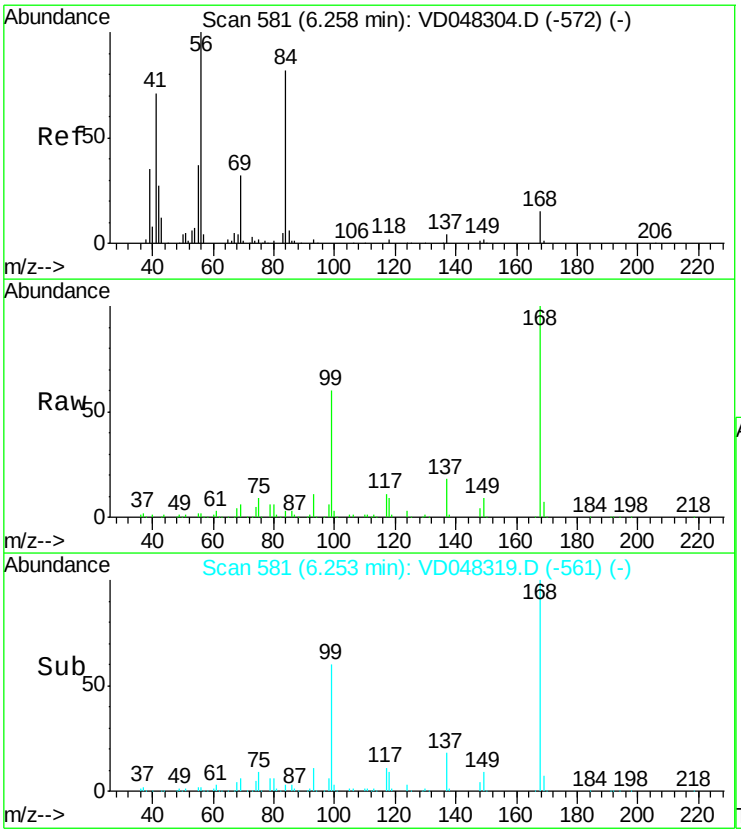
#25
2-Butanone
Concen: 1.76 ug/l
RT: 5.40 min Scan# 495
Delta R.T. -0.02 min
Lab File: VD048319.D
Acq: 6 Jan 2016 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1052

Ion	Ratio	Lower	Upper
43	100		
72	41.3	17.8	26.6#

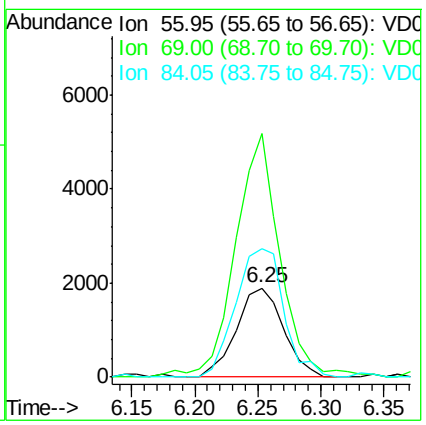


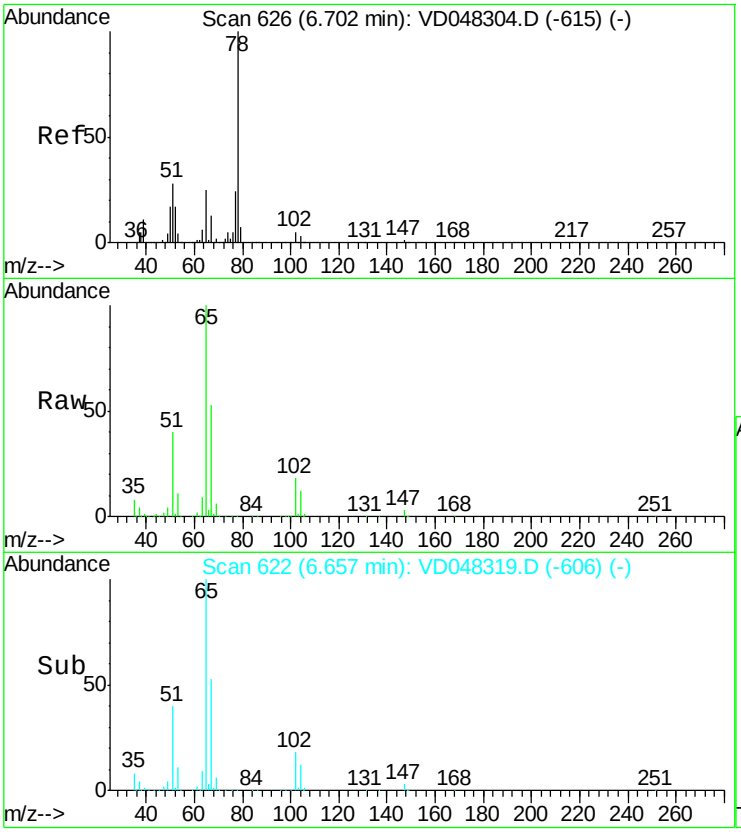


#30
Cyclohexane
Concen: 1.34 ug/l
RT: 6.25 min Scan# 581
Delta R.T. -0.01 min
Lab File: VD048319.D
Acq: 6 Jan 2016 14:01

Tgt Ion: 56 Resp: 4898

Ion	Ratio	Lower	Upper
56	100		
69	274.2	26.2	39.2#
84	144.6	68.5	102.7#



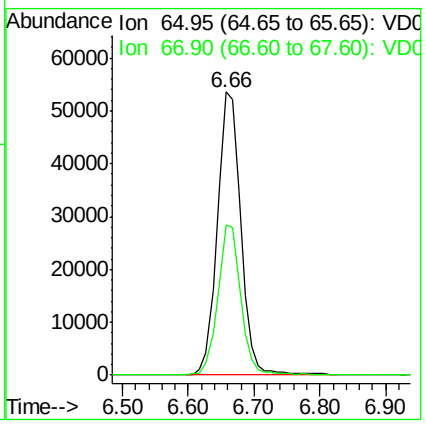


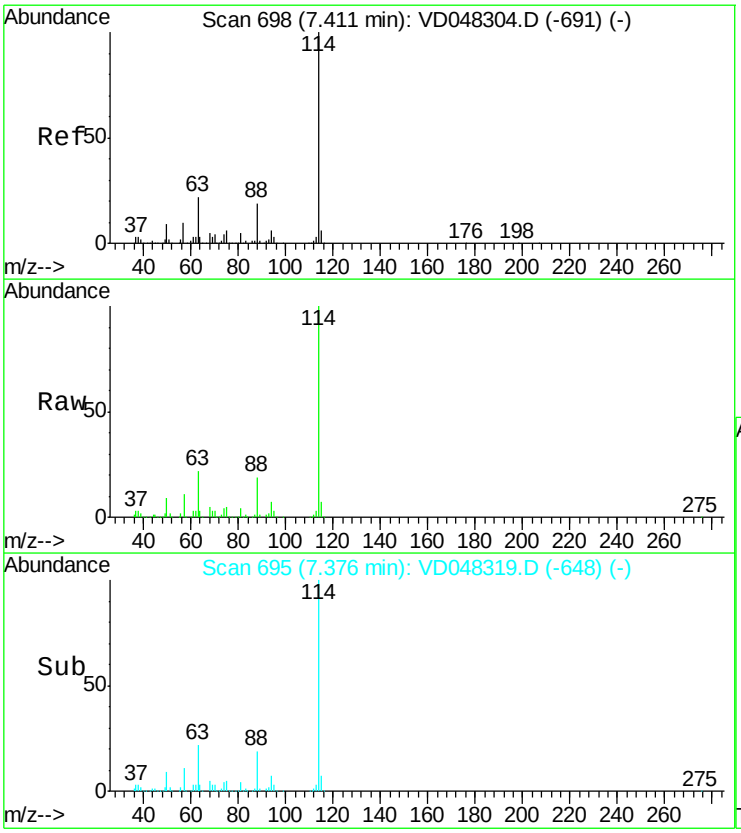
#32
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.66 min Scan# 622
Delta R.T. -0.04 min
Lab File: VD048319.D
Acq: 6 Jan 2016 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 133645

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.0

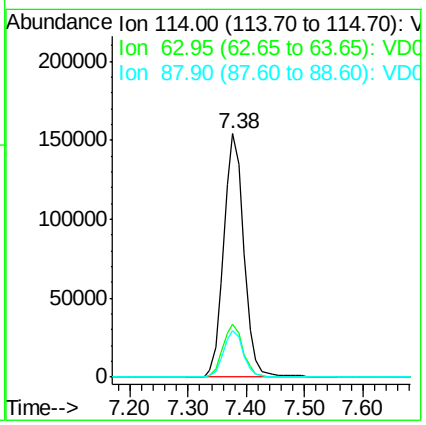


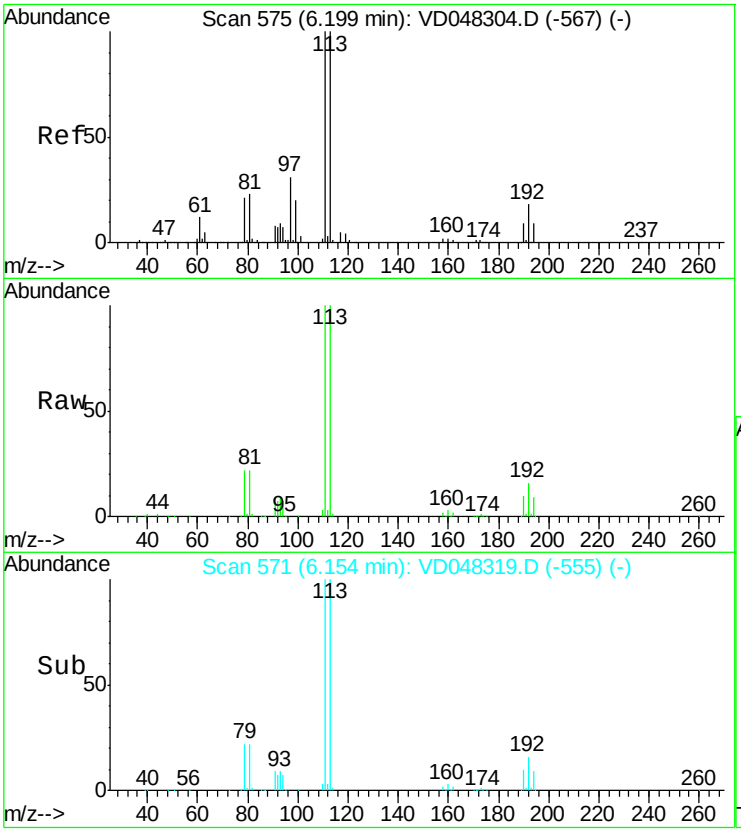


#33
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 7.38 min Scan# 695
Delta R.T. -0.03 min
Lab File: VD048319.D
Acq: 6 Jan 2016 14:01

Tgt Ion:114 Resp: 372225

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	39.4
88	19.0	0.0	35.6



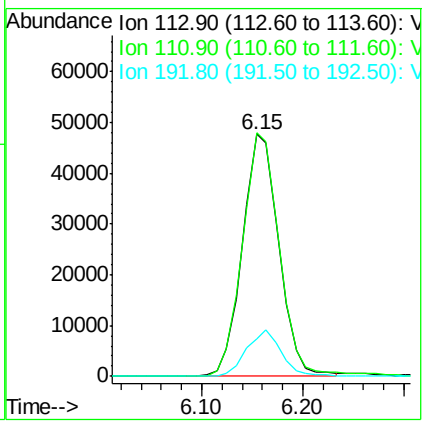


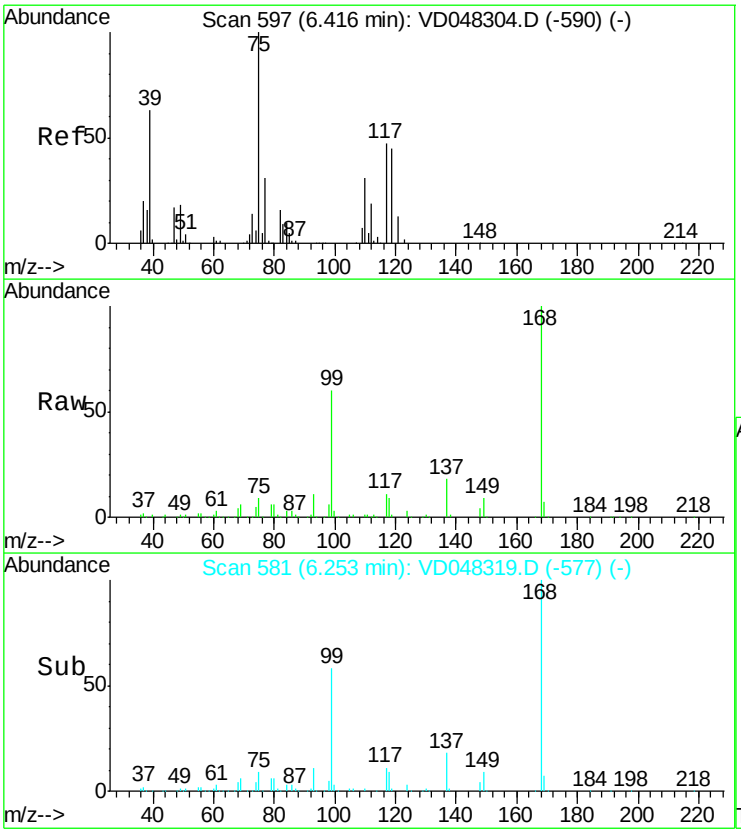
#34
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 6.15 min Scan# 571
Delta R.T. -0.04 min
Lab File: VD048319.D
Acq: 6 Jan 2016 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 120106

Ion	Ratio	Lower	Upper
113	100		
111	100.5	83.7	125.5
192	15.7	13.9	20.9

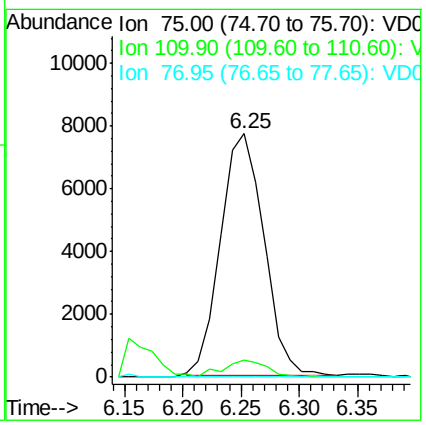


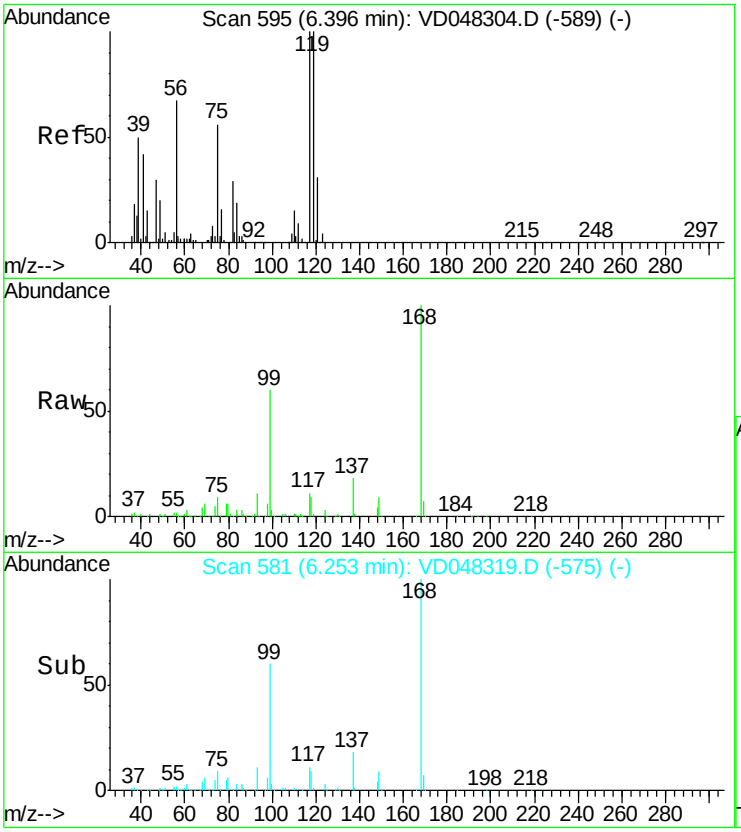


#35
1,1-Dichloropropene
Concen: 5.38 ug/l
RT: 6.25 min Scan# 581
Delta R.T. -0.16 min
Lab File: VD048319.D
Acq: 6 Jan 2016 14:01

Tgt Ion: 75 Resp: 19907

Ion	Ratio	Lower	Upper
75	100		
110	6.9	15.6	46.8#
77	0.0	24.2	36.2#



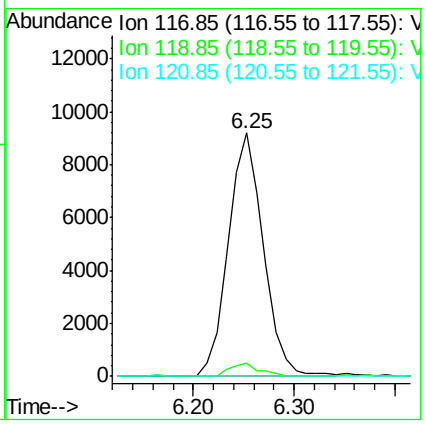


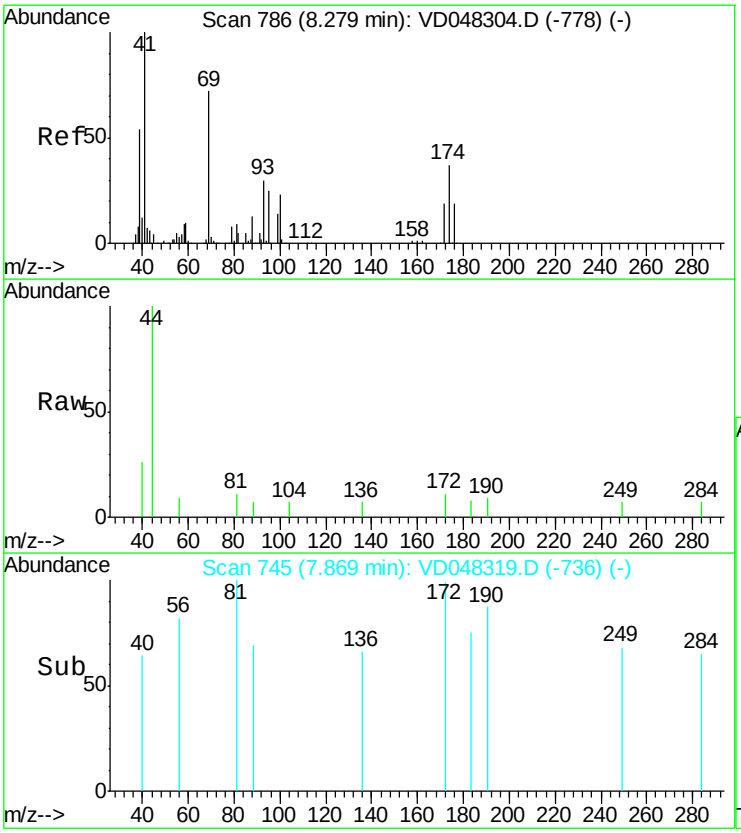
#37
Carbon Tetrachloride
Concen: 6.73 ug/l
RT: 6.25 min Scan# 581
Delta R.T. -0.14 min
Lab File: VD048319.D
Acq: 6 Jan 2016 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 22209

Ion	Ratio	Lower	Upper
117	100		
119	5.7	79.8	119.8#
121	0.0	24.2	36.2#

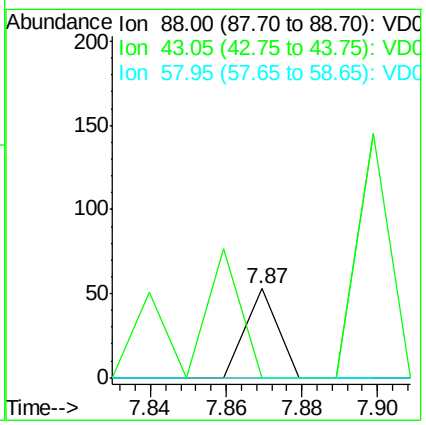


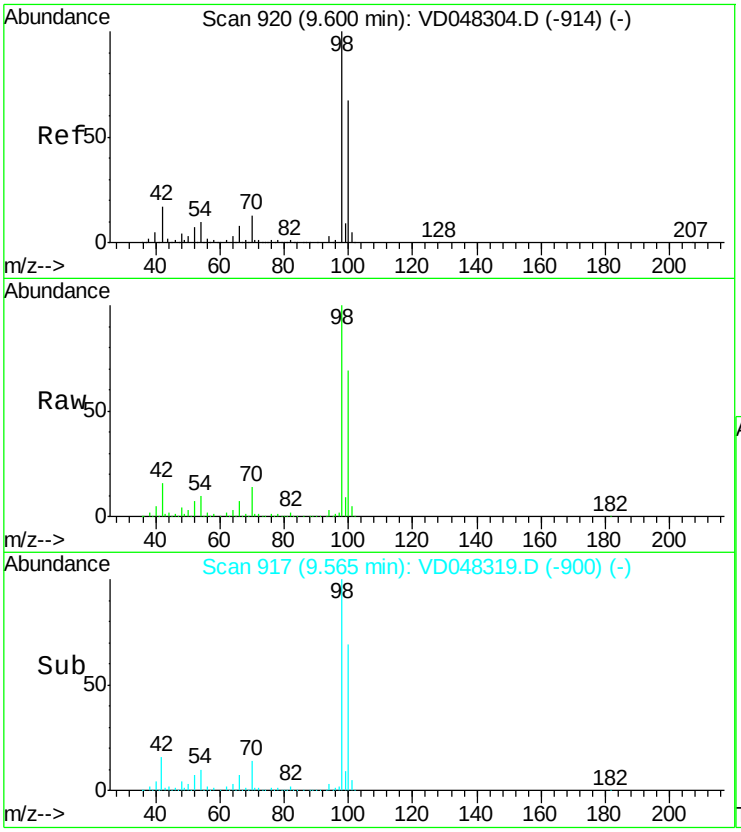


#48
1,4-Dioxane
Concen: 2.31 ug/l
RT: 7.87 min Scan# 745
Delta R.T. -0.41 min
Lab File: VD048319.D
Acq: 6 Jan 2016 14:01

Tgt Ion: 88 Resp: 31

Ion	Ratio	Lower	Upper
88	100		
43	0.0	42.7	64.1#
58	0.0	63.9	95.9#



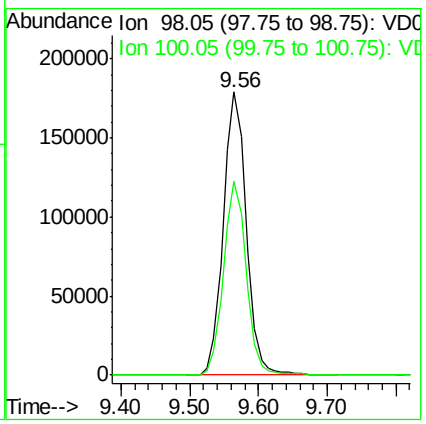


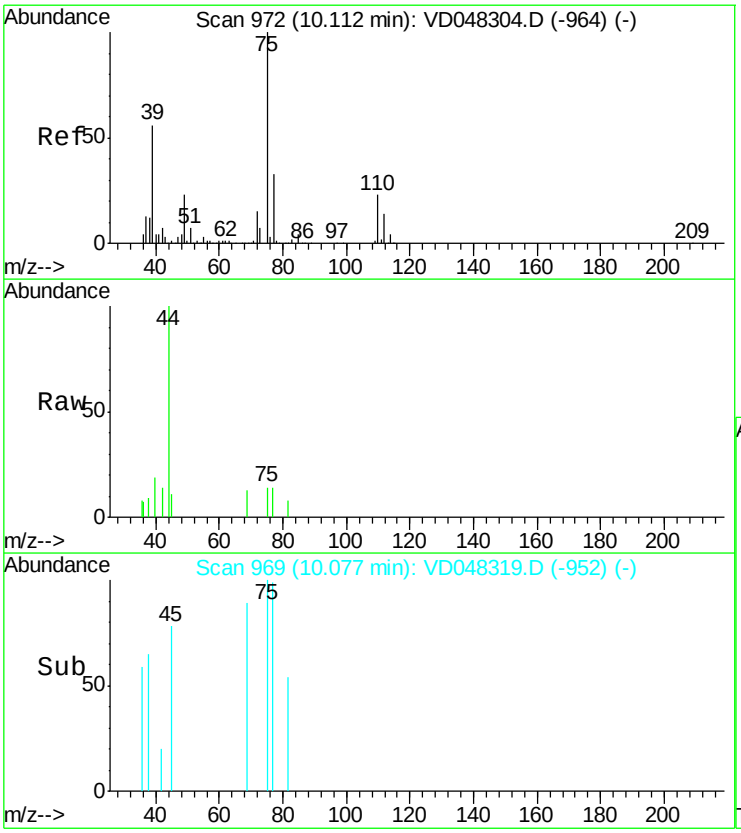
#49
Toluene-d8
Concen: 2.31 ug/l
RT: 9.56 min Scan# 917
Delta R.T. -0.03 min
Lab File: VD048319.D
Acq: 6 Jan 2016 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 98 Resp: 414522

Ion	Ratio	Lower	Upper
98	100		
100	68.5	55.8	83.6

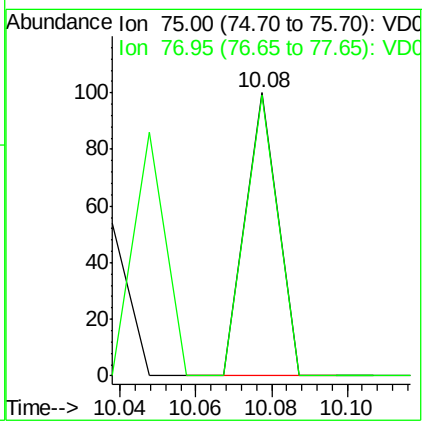


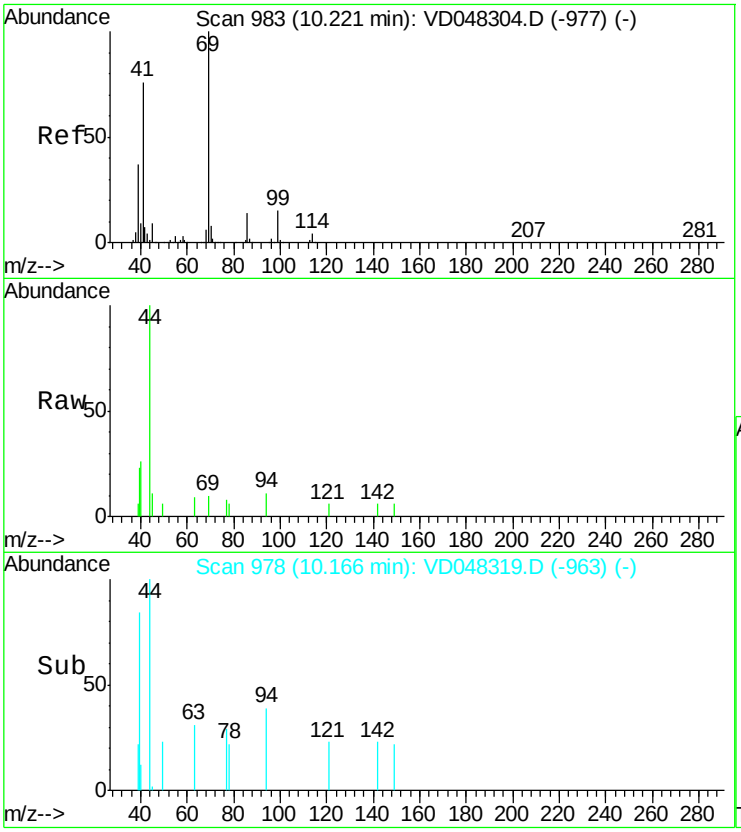


#52
t-1,3-Dichloropropene
Concen: 2.03 ug/l
RT: 10.08 min Scan# 969
Delta R.T. -0.03 min
Lab File: VD048319.D
Acq: 6 Jan 2016 14:01

Tgt Ion: 75 Resp: 59

Ion	Ratio	Lower	Upper
75	100		
77	99.0	26.4	39.6#



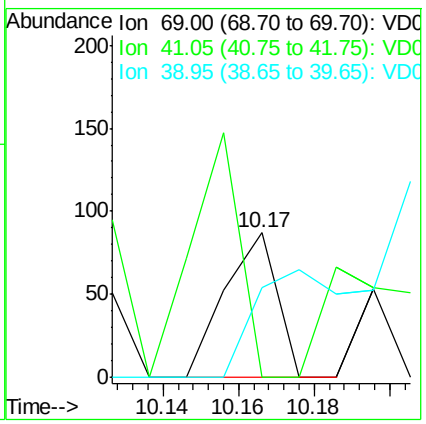


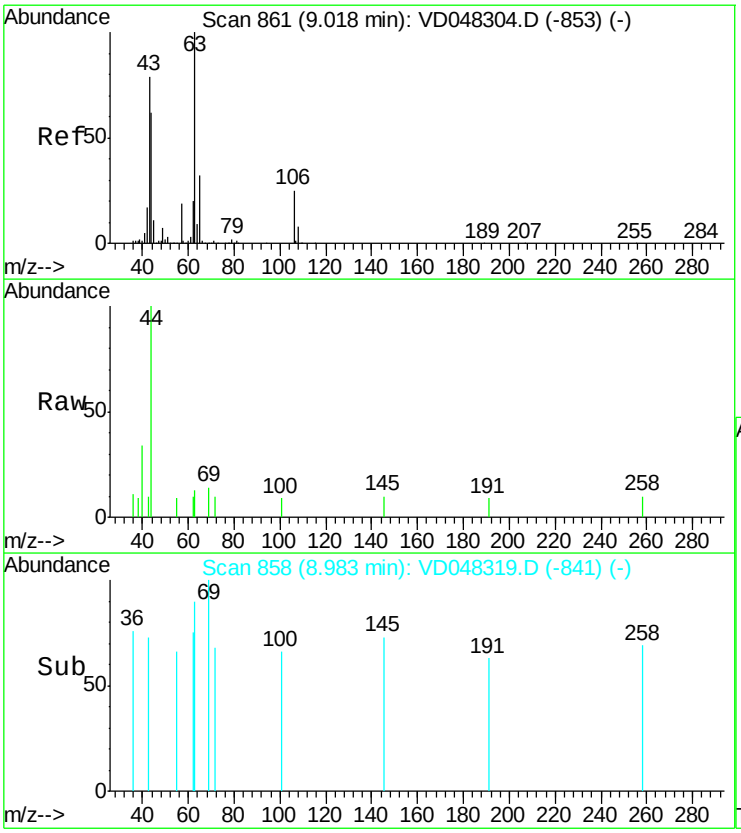
#55
Ethyl methacrylate
Concen: 2.96 ug/l
RT: 10.17 min Scan# 978
Delta R.T. -0.05 min
Lab File: VD048319.D
Acq: 6 Jan 2016 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 69 Resp: 82

Ion	Ratio	Lower	Upper
69	100		
41	0.0	55.3	82.9#
39	62.1	29.4	44.2#

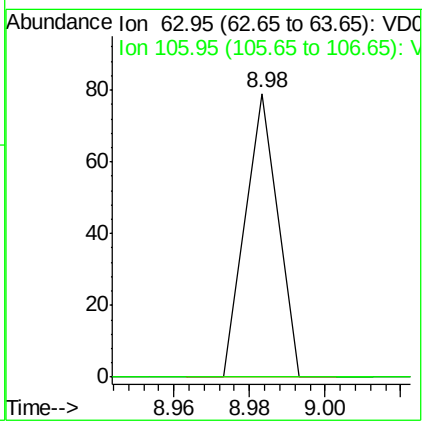


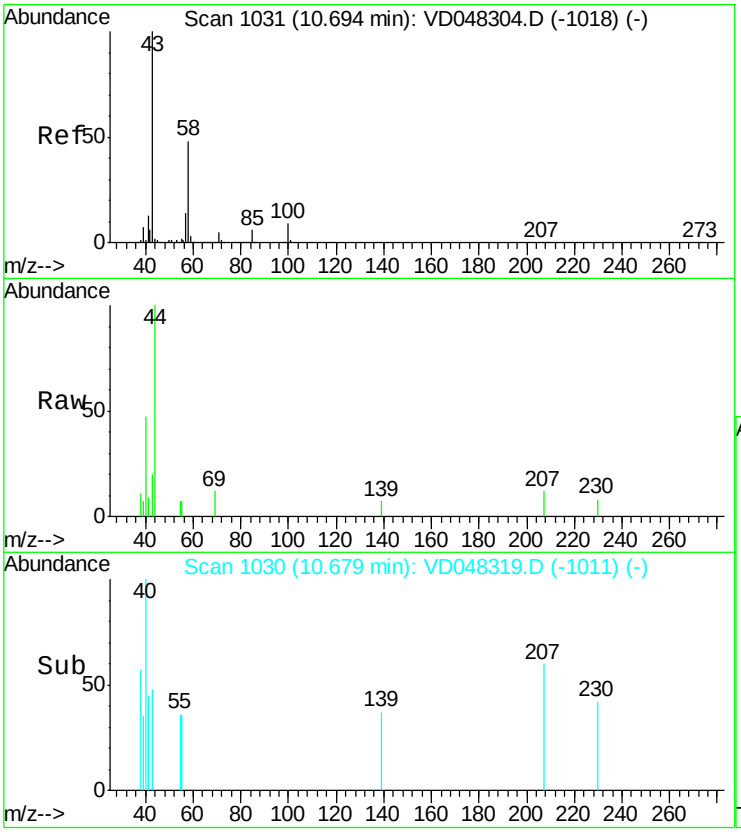


#57
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 8.98 min Scan# 858
Delta R.T. -0.03 min
Lab File: VD048319.D
Acq: 6 Jan 2016 14:01

Tgt Ion: 63 Resp: 47

Ion	Ratio	Lower	Upper
63	100		
106	0.0	18.7	28.1#



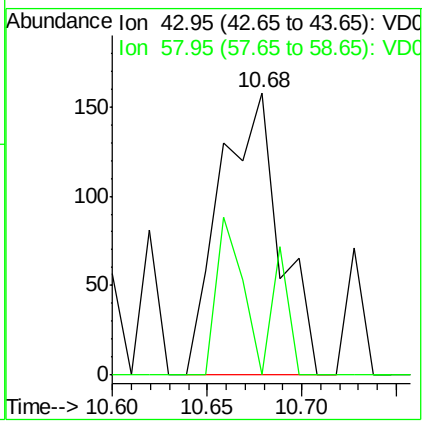


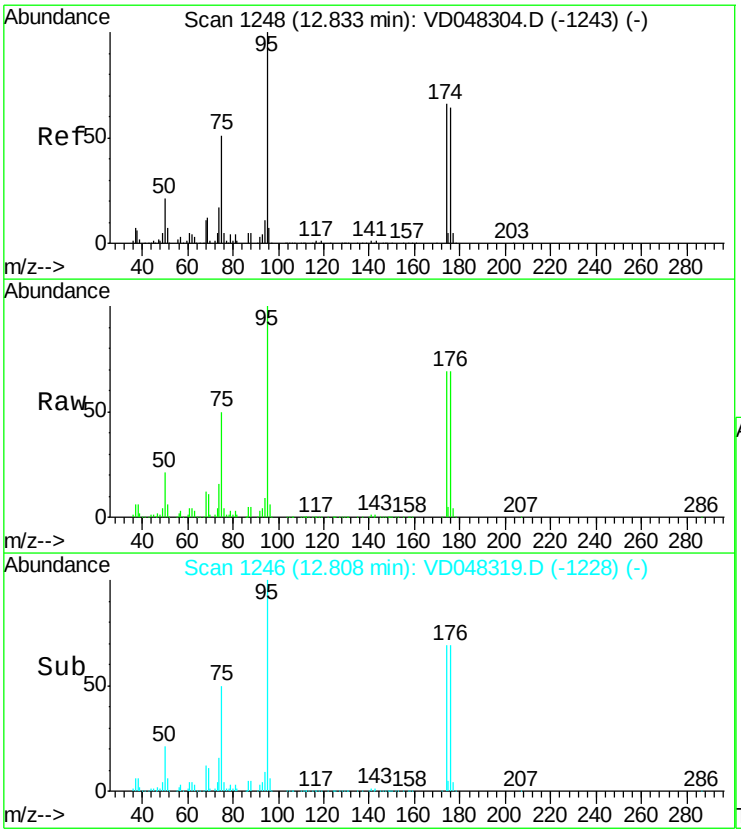
#58
2-Hexanone
Concen: 10.24 ug/l
RT: 10.68 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD048319.D
Acq: 6 Jan 2016 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 43 Resp: 346

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.4	73.2#

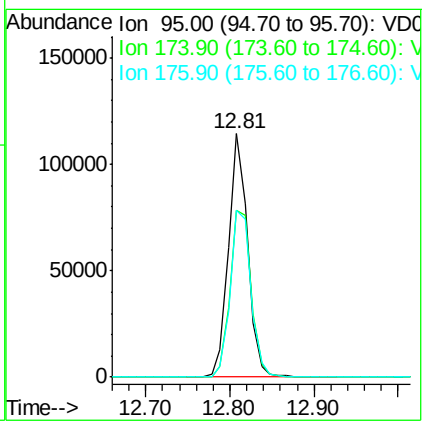


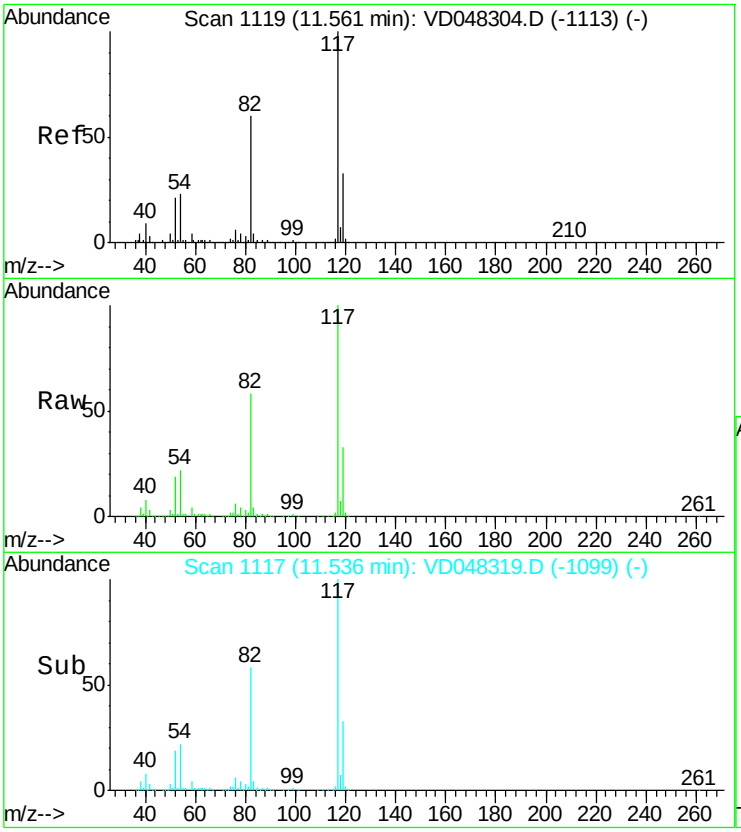


#61
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.81 min Scan# 1246
Delta R.T. -0.02 min
Lab File: VD048319.D
Acq: 6 Jan 2016 14:01

Tgt Ion: 95 Resp: 181197

Ion	Ratio	Lower	Upper
95	100		
174	68.8	0.0	156.2
176	68.6	0.0	147.4



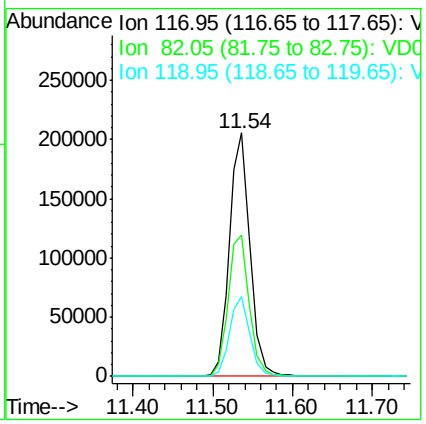


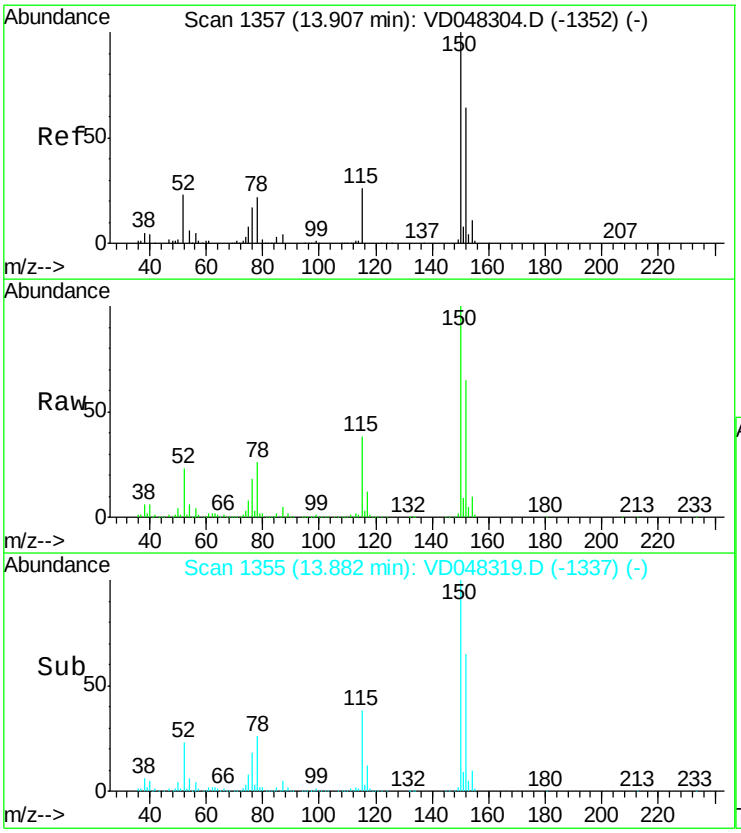
#62
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.54 min Scan# 1117
Delta R.T. -0.02 min
Lab File: VD048319.D
Acq: 6 Jan 2016 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 373402

Ion	Ratio	Lower	Upper
117	100		
82	58.0	46.8	70.2
119	32.8	26.1	39.1

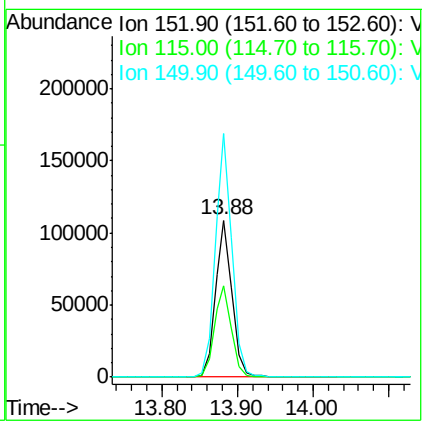


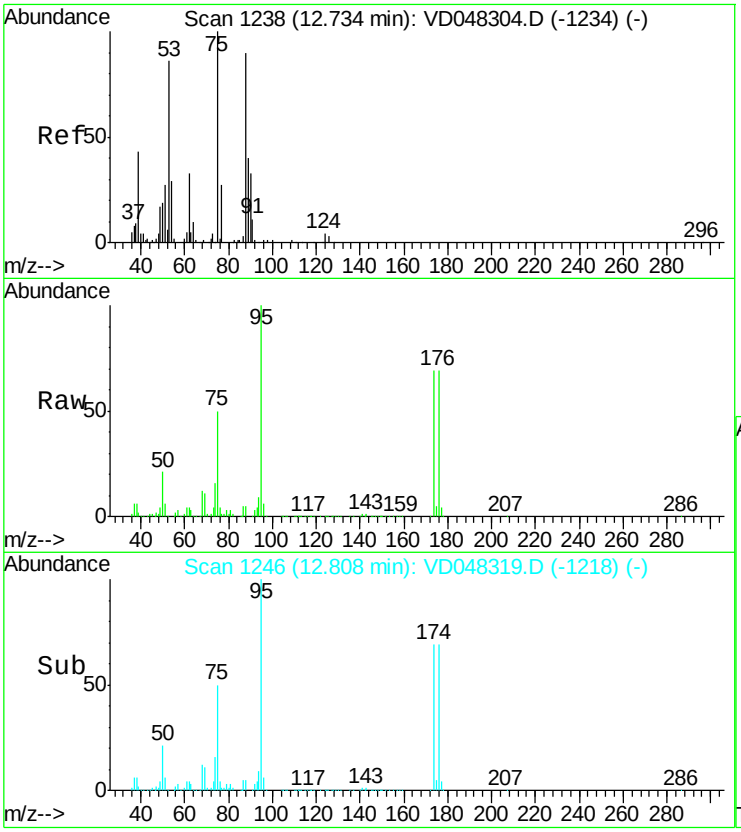


#71
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.88 min Scan# 1355
Delta R.T. -0.02 min
Lab File: VD048319.D
Acq: 6 Jan 2016 14:01

Tgt Ion:152 Resp: 167726

Ion	Ratio	Lower	Upper
152	100		
115	58.4	32.4	97.2
150	155.0	0.0	314.6



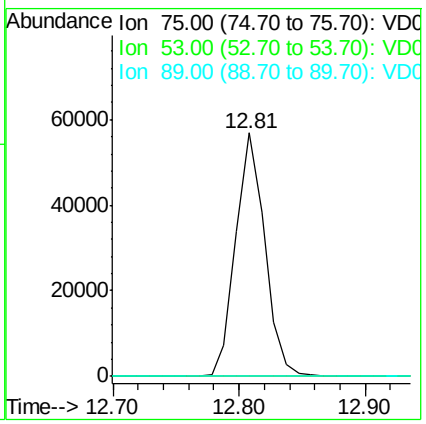


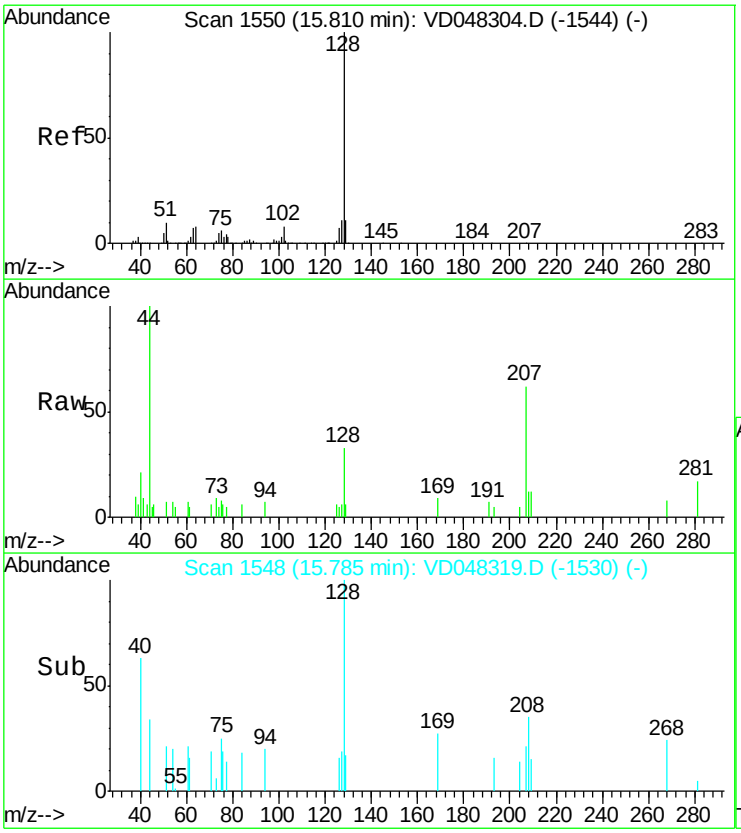
#80
trans-1,4-Dichloro-2-butene
Concen: 110.61 ug/l
RT: 12.81 min Scan# 1246
Delta R.T. 0.07 min
Lab File: VD048319.D
Acq: 6 Jan 2016 14:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 75 Resp: 90954

Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.0	32.6	49.0#





#94
Naphthalene
Concen: 3.69 ug/l
RT: 15.78 min Scan# 1548
Delta R.T. -0.02 min
Lab File: VD048319.D
Acq: 6 Jan 2016 14:01

Tgt Ion:128 Resp: 777

Ion	Ratio	Lower	Upper
128	100		
127	19.4	9.7	14.5#
129	17.4	8.2	12.2#