Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD091418\
Data File : VD060007.D
Acq On : 14 Sep 2018 13:50
Operator : JC/SY
Sample : J4771-01RE
Misc : 6.19g/5ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : NB-08-091218RE

Quant Time: Sep 14 15:01:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	6.39	168	1215204	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	7.42	114	1758694	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.27	117	1313873	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	501542	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.76	65	475507	50.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.36%				
35) Dibromofluoromethane	6.30	113	396161	28.83	ug/l		0.00
Spiked Amount 50.000			Recovery = 57.66%				
50) Toluene-d8	9.44	98	1470132	38.61	ug/l		0.00
Spiked Amount 50.000			Recovery = 77.22%				
62) 4-Bromofluorobenzene	12.42	95	482512	33.17	ug/l		0.00
Spiked Amount 50.000			Recovery = 66.34%				
Target Compounds							Qvalue
11) Tert butyl alcohol	3.94	59	54028	70.66	ug/l		96
16) Acetone	3.14	43	258592	141.33	ug/l		98
20) Methylene Chloride	3.69	84	119722	2.32	ug/l		97
25) 2-Butanone	5.59	43	61658	12.49	ug/l		92
31) Cyclohexane	6.38	56	25860	1.23	ug/l	#	1
36) 1,1-Dichloropropene	6.38	75	86833	4.97	ug/l	#	46
37) Ethyl Acetate	5.59	43	61658	5.13	ug/l	#	72
38) Carbon Tetrachloride	6.39	117	95231	5.84	ug/l	#	15
51) 4-Methyl-2-Pentanone	9.33	43	7302	Below Cal			100
59) 2-Hexanone	10.48	43	6051	Below Cal			77
68) m/p-Xylenes	11.55	106	21528	1.28	ug/l		86
81) trans-1,4-Dichloro-2-buten	12.42	75	199677	86.36	ug/l	#	15
89) n-Butylbenzene	13.64	91	2867	Below Cal			96
91) 1,2-Dichlorobenzene	13.65	146	1301	Below Cal			83
95) Naphthalene	14.96	128	33445	1.84	ug/l		98

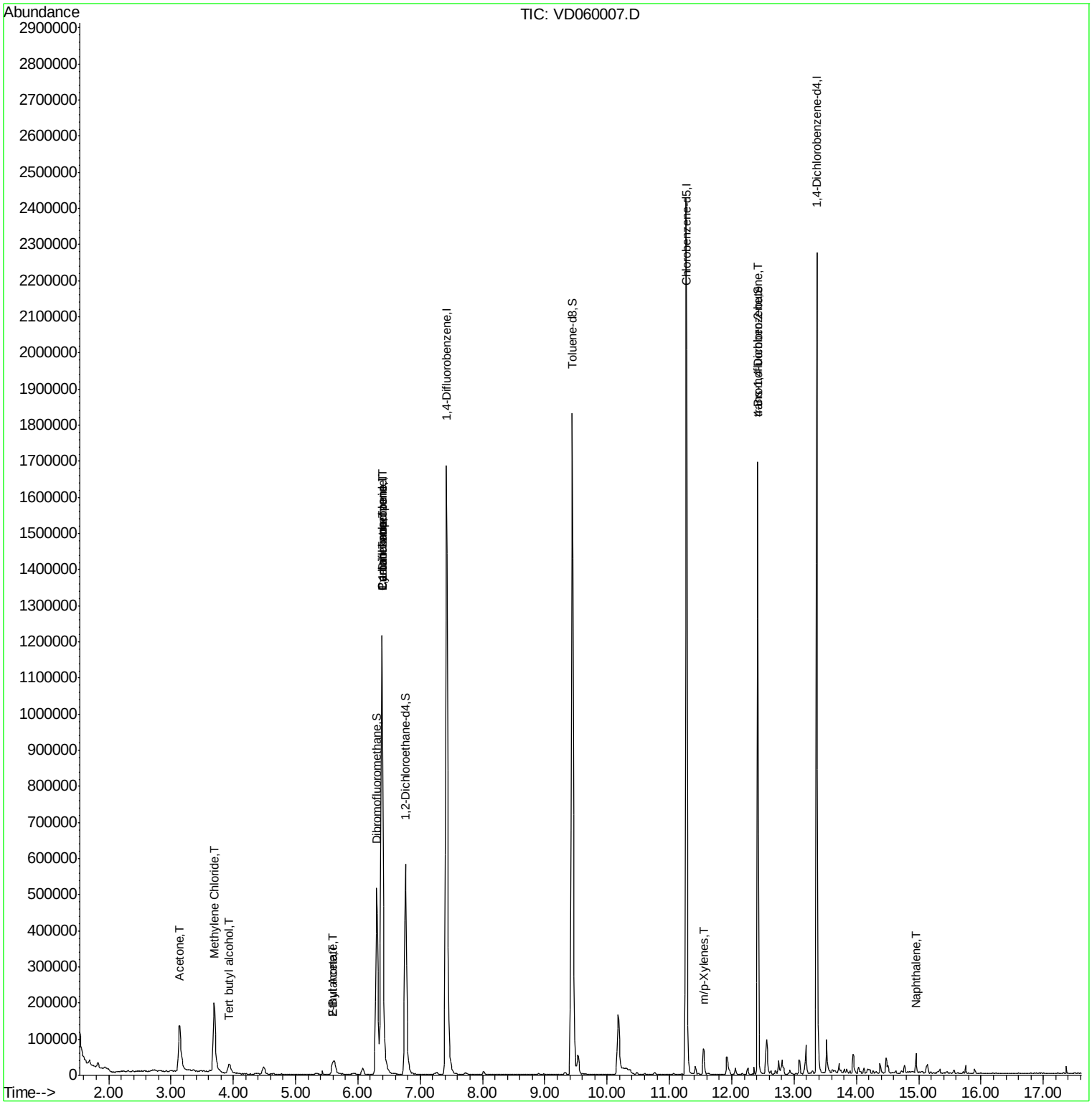
(#) = qualifier out of range (m) = manual integration (+) = signals summed

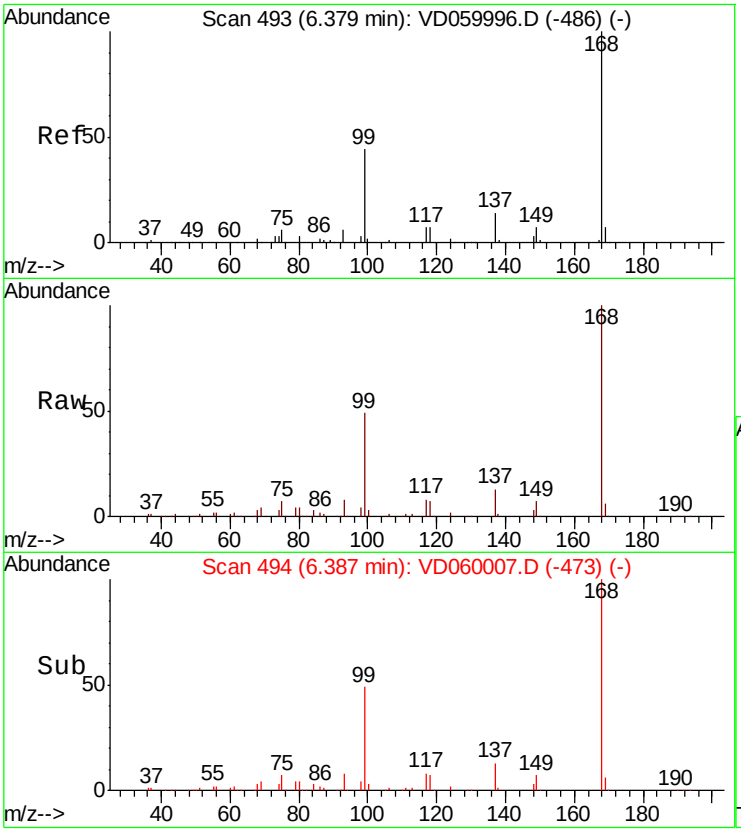
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091418\
Data File : VD060007.D
Acq On : 14 Sep 2018 13:50
Operator : JC/SY
Sample : J4771-01RE
Misc : 6.19g/5ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : NB-08-091218RE

Quant Time: Sep 14 15:01:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 2018
Response via : Initial Calibration



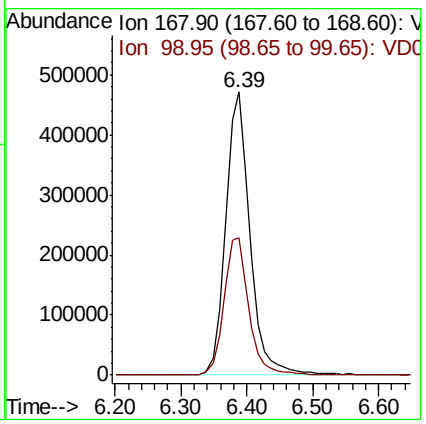


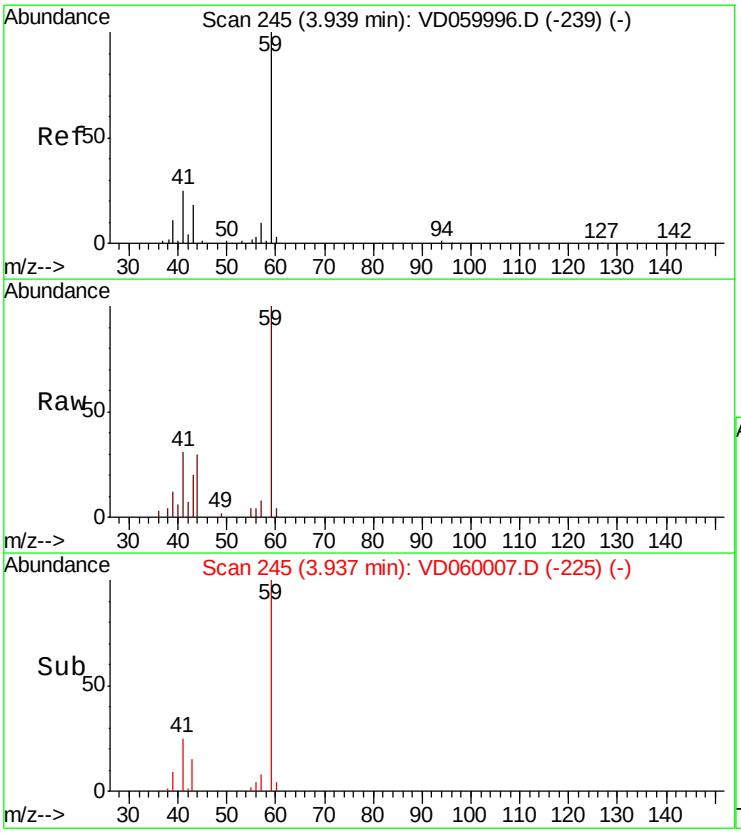
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 6.39 min Scan# 494
Delta R.T. 0.01 min
Lab File: VD060007.D
Acq: 14 Sep 2018 13:50

Instrument :
MSVOA_D
ClientSampleId :
NB-08-091218RE

Tgt Ion:168 Resp: 1215204

Ion	Ratio	Lower	Upper
168	100		
99	48.7	38.5	57.7

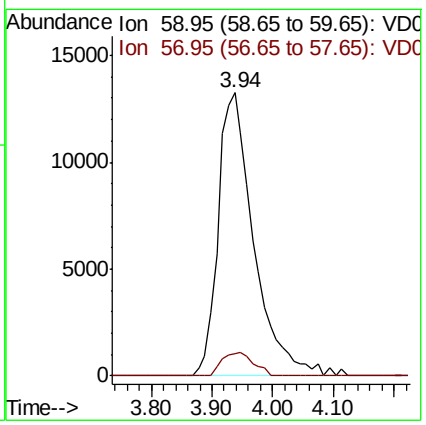


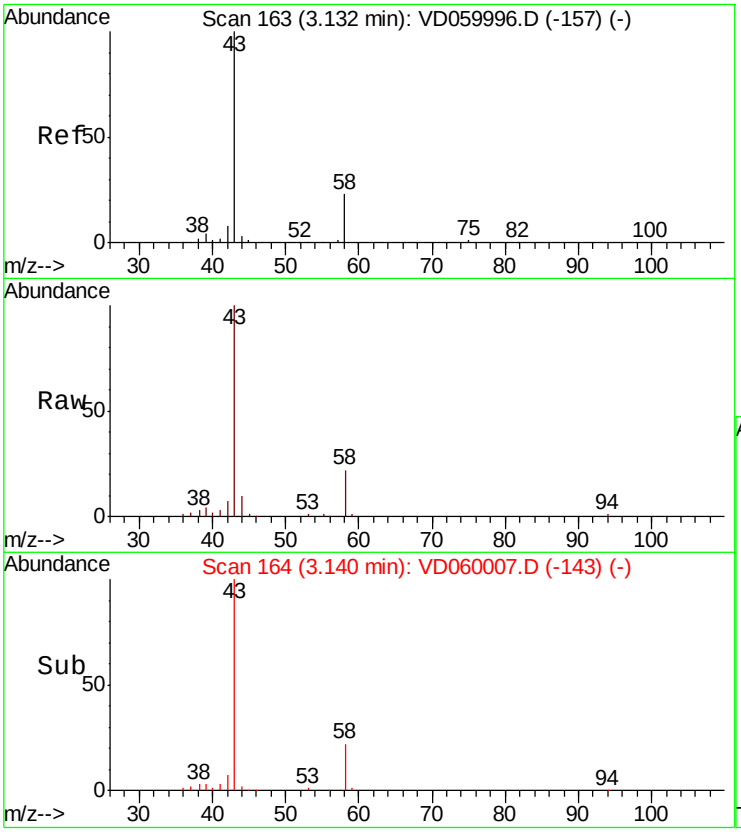


#11
Tert butyl alcohol
Concen: 70.66 ug/l
RT: 3.94 min Scan# 245
Delta R.T. -0.00 min
Lab File: VD060007.D
Acq: 14 Sep 2018 13:50

Tgt Ion: 59 Resp: 54028

Ion	Ratio	Lower	Upper
59	100		
57	7.9	7.4	11.2



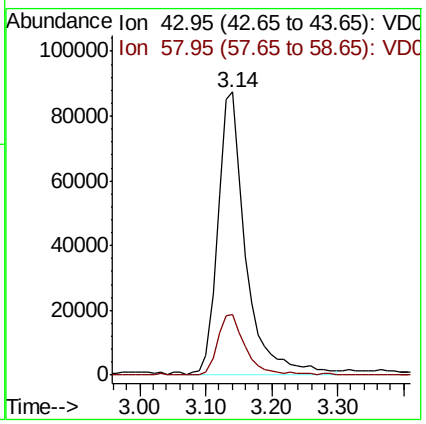


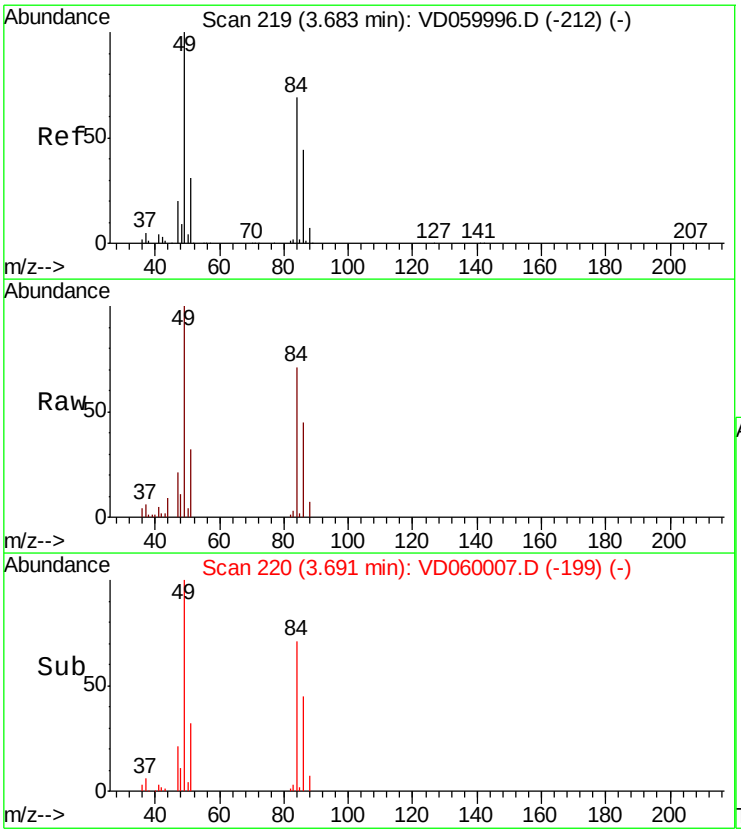
#16
Acetone
Concen: 141.33 ug/l
RT: 3.14 min Scan# 164
Delta R.T. 0.01 min
Lab File: VD060007.D
Acq: 14 Sep 2018 13:50

Instrument : MSVOA_D
ClientSampleId : NB-08-091218RE

Tgt Ion: 43 Resp: 258592

Ion	Ratio	Lower	Upper
43	100		
58	21.5	18.1	27.1

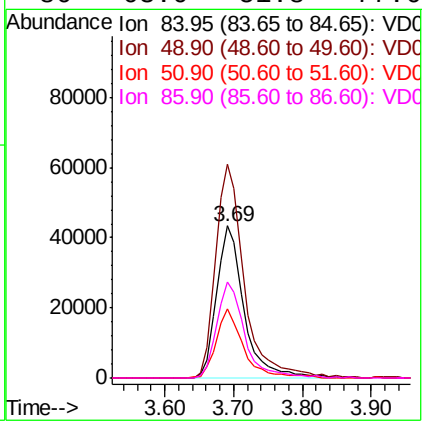


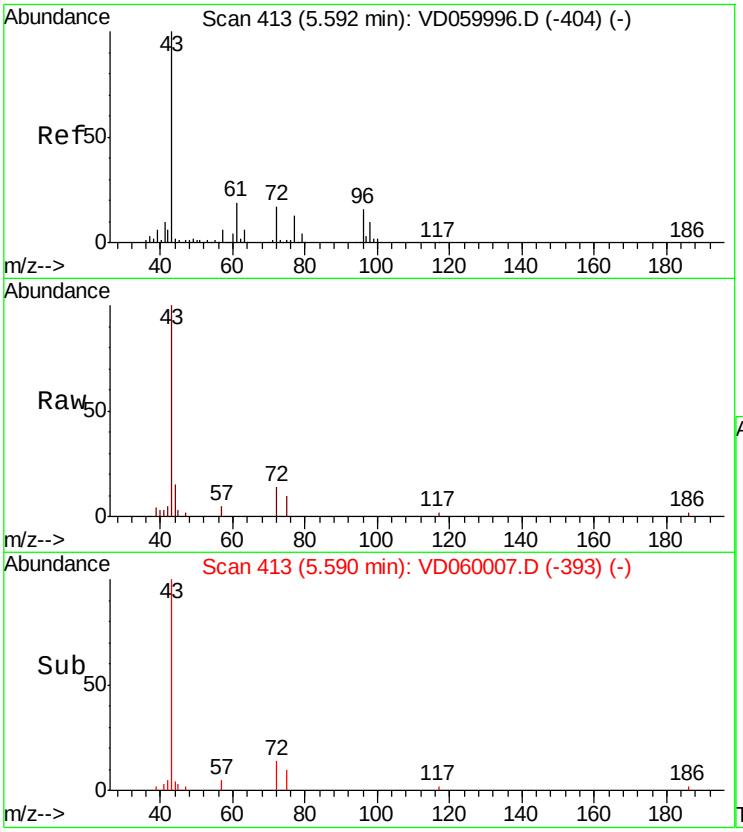


#20
Methylene Chloride
Concen: 2.32 ug/l
RT: 3.69 min Scan# 220
Delta R.T. 0.01 min
Lab File: VD060007.D
Acq: 14 Sep 2018 13:50

Tgt Ion: 84 Resp: 119722

Ion	Ratio	Lower	Upper
84	100		
49	140.6	116.6	175.0
51	45.2	35.9	53.9
86	63.0	51.8	77.6



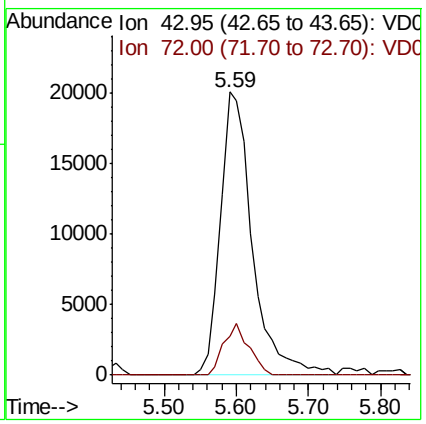


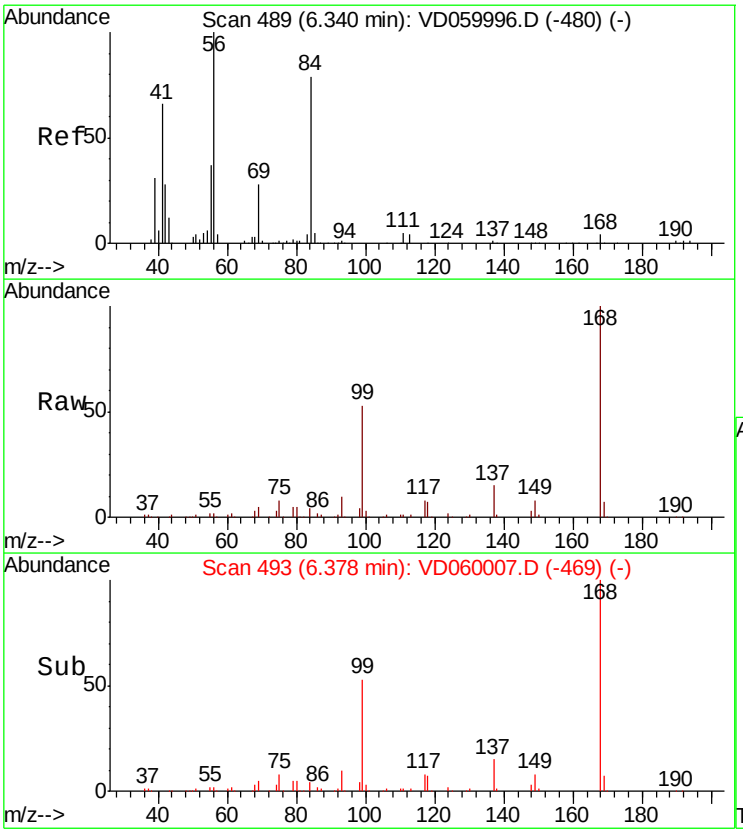
#25
2-Butanone
Concen: 12.49 ug/l
RT: 5.59 min Scan# 413
Delta R.T. -0.00 min
Lab File: VD060007.D
Acq: 14 Sep 2018 13:50

Instrument :
MSVOA_D
ClientSampleId :
NB-08-091218RE

Tgt Ion: 43 Resp: 61658

Ion	Ratio	Lower	Upper
43	100		
72	13.6	13.6	20.4

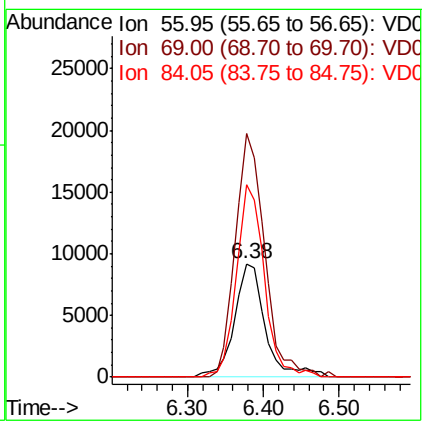


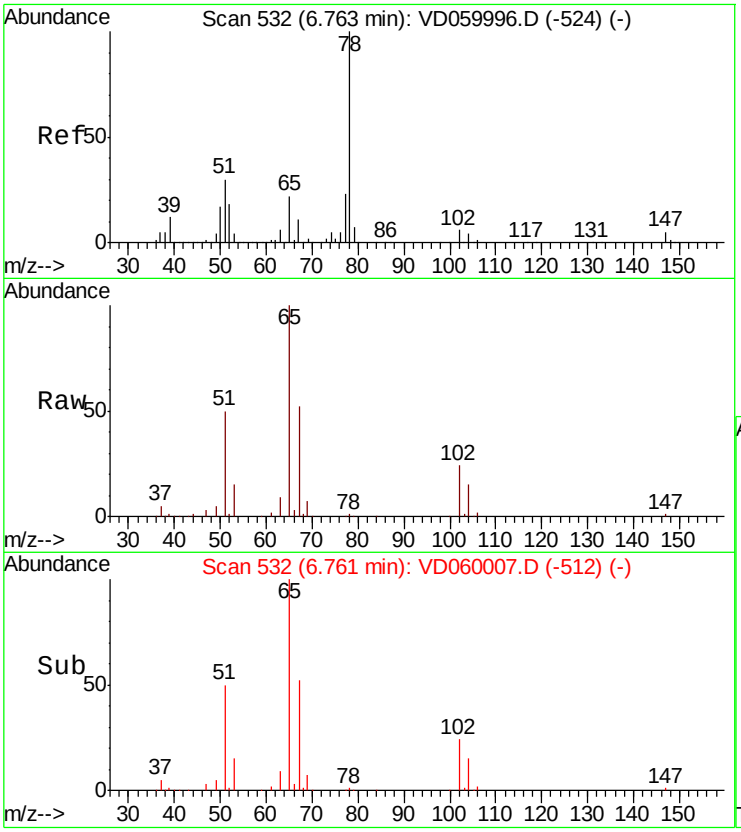


#31
Cyclohexane
Concen: 1.23 ug/l
RT: 6.38 min Scan# 493
Delta R.T. 0.04 min
Lab File: VD060007.D
Acq: 14 Sep 2018 13:50

Tgt Ion: 56 Resp: 25860

Ion	Ratio	Lower	Upper
56	100		
69	214.6	22.7	34.1#
84	169.3	64.0	96.0#



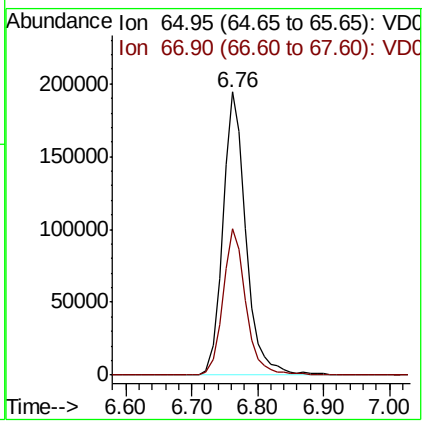


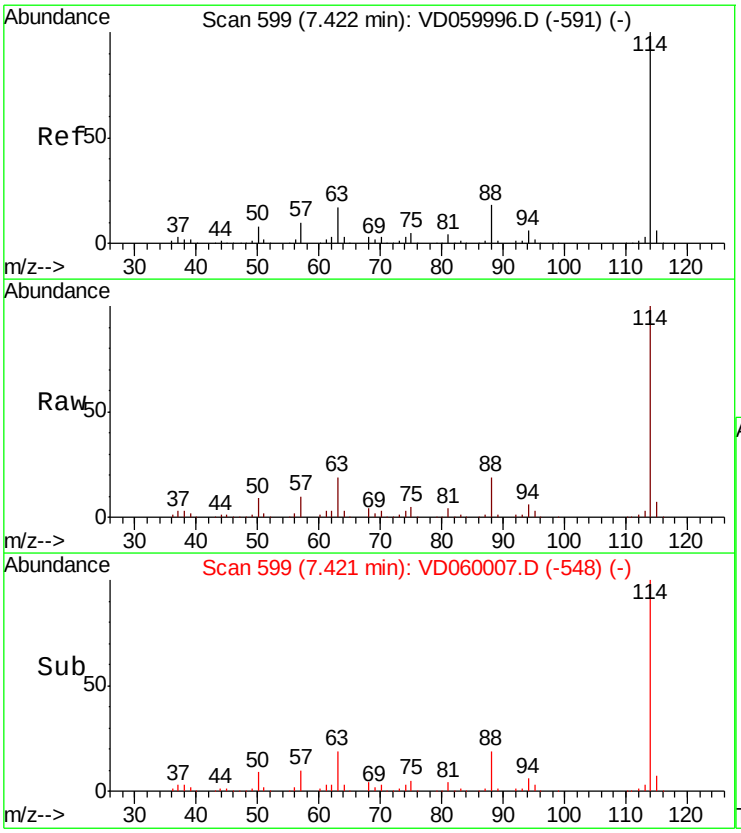
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.76 min Scan# 532
Delta R.T. -0.00 min
Lab File: VD060007.D
Acq: 14 Sep 2018 13:50

Instrument : MSVOA_D
ClientSampleId : NB-08-091218RE

Tgt Ion: 65 Resp: 475507

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	104.8

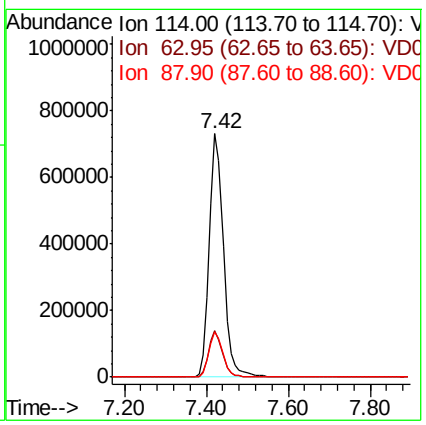


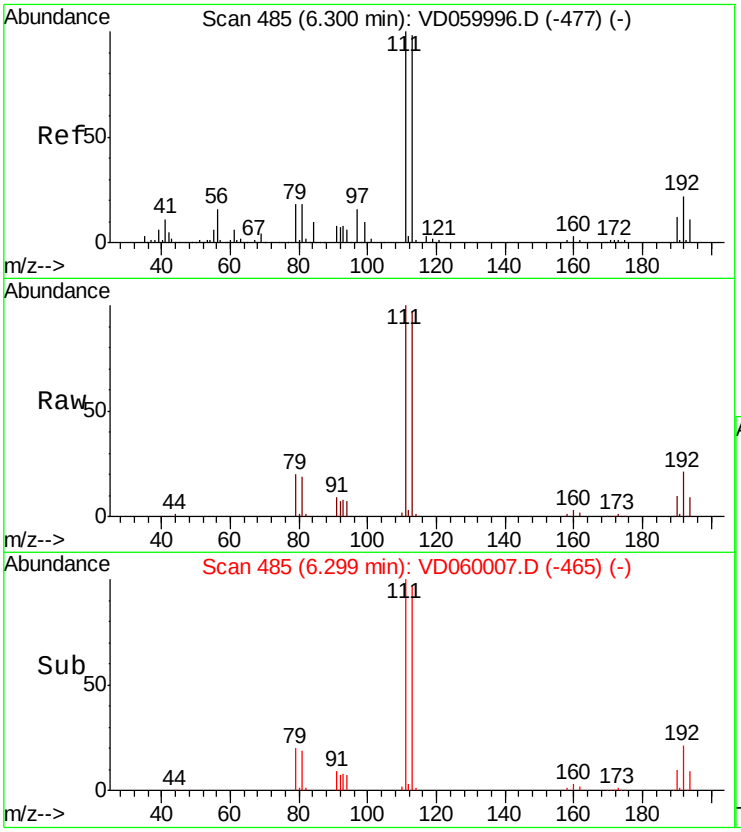


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 7.42 min Scan# 599
Delta R.T. -0.00 min
Lab File: VD060007.D
Acq: 14 Sep 2018 13:50

Tgt Ion:114 Resp: 1758694

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	34.4
88	18.8	0.0	35.8



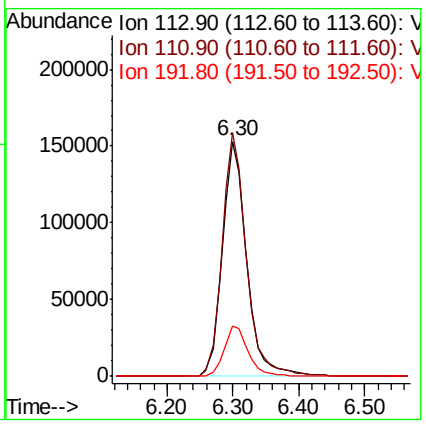


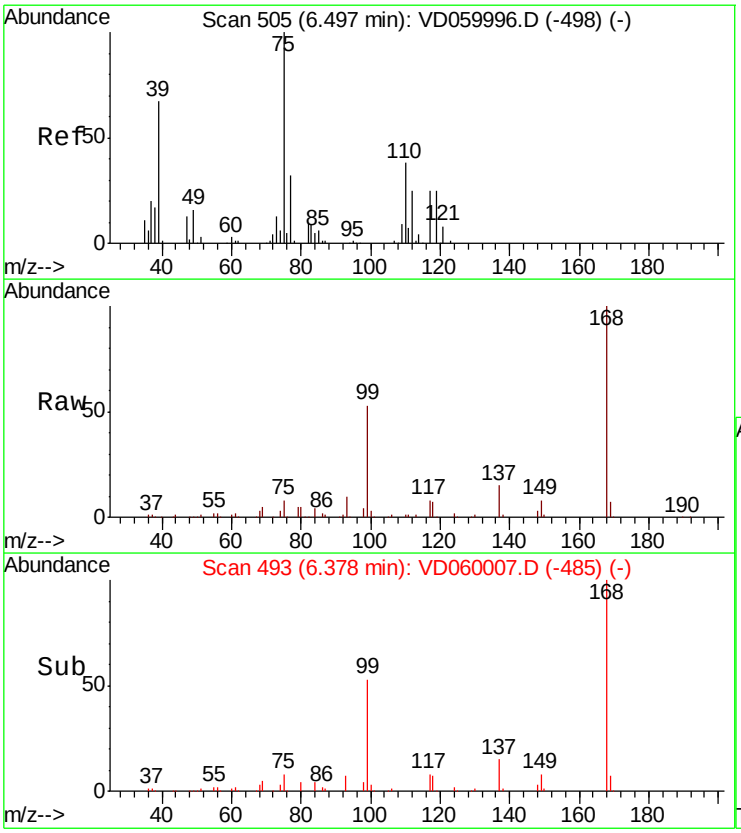
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 6.30 min Scan# 485
Delta R.T. -0.00 min
Lab File: VD060007.D
Acq: 14 Sep 2018 13:50

Instrument :
MSVOA_D
ClientSampleId :
NB-08-091218RE

Tgt Ion:113 Resp: 396161

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.3	121.9
192	21.3	18.1	27.1

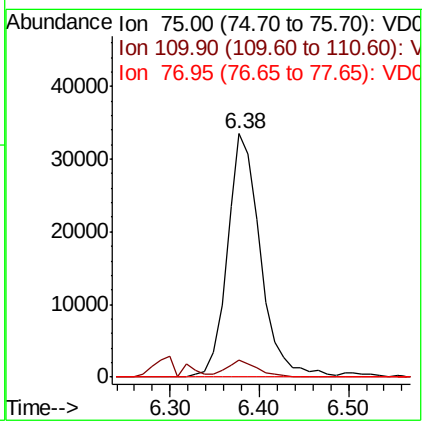


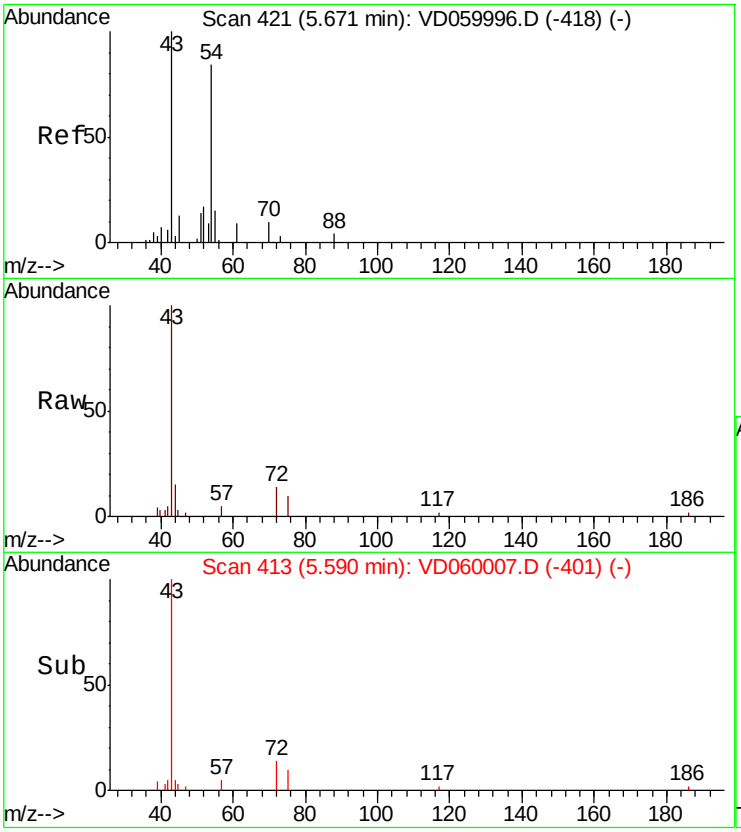


#36
1,1-Dichloropropene
Concen: 4.97 ug/l
RT: 6.38 min Scan# 493
Delta R.T. -0.12 min
Lab File: VD060007.D
Acq: 14 Sep 2018 13:50

Tgt Ion: 75 Resp: 86833

Ion	Ratio	Lower	Upper
75	100		
110	6.9	18.9	56.9#
77	0.0	25.3	37.9#



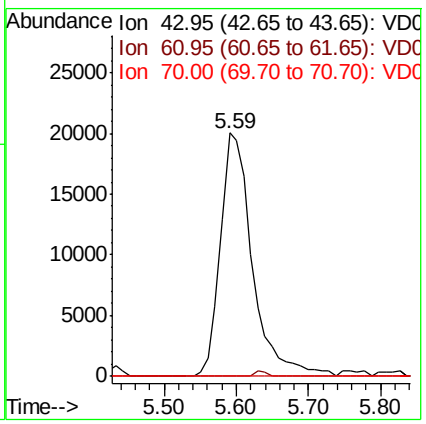


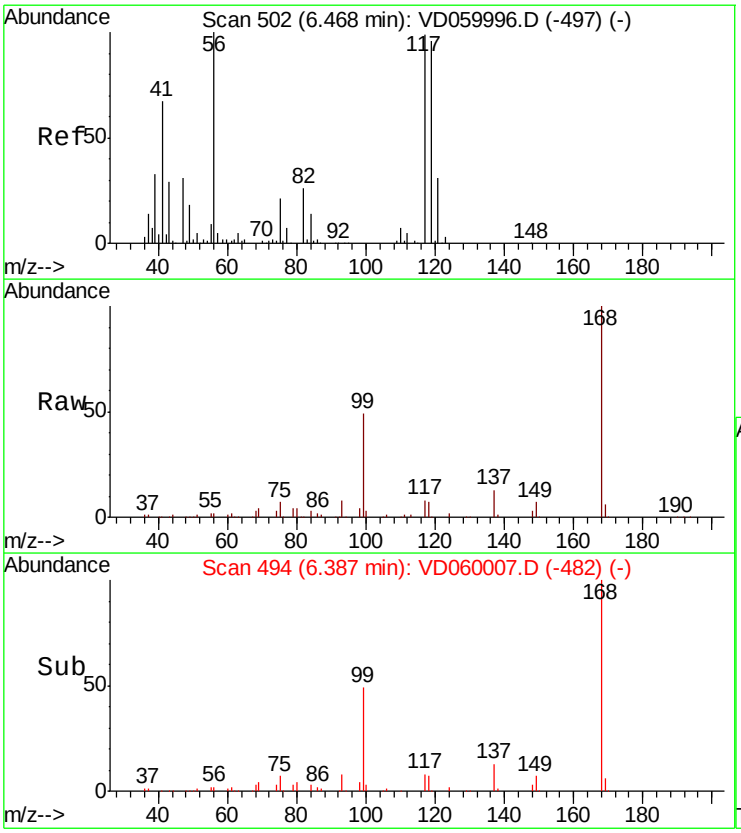
#37
Ethyl Acetate
Concen: 5.13 ug/l
RT: 5.59 min Scan# 413
Delta R.T. -0.08 min
Lab File: VD060007.D
Acq: 14 Sep 2018 13:50

Instrument : MSVOA_D
ClientSampleId : NB-08-091218RE

Tgt Ion: 43 Resp: 61658

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.2	15.2#
70	0.0	6.1	9.1#

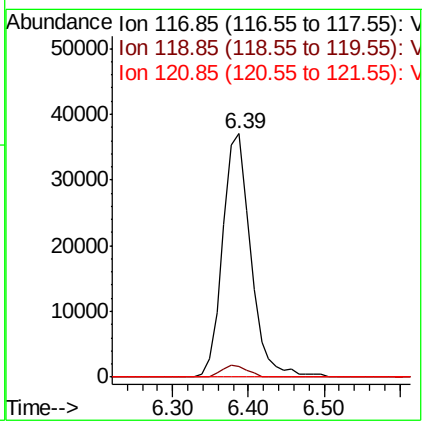


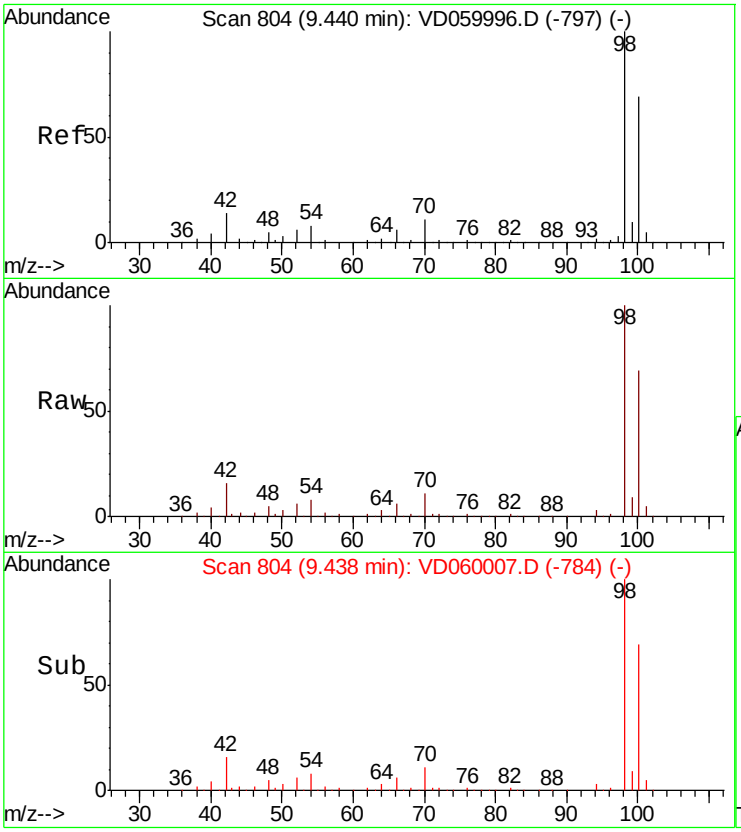


#38
Carbon Tetrachloride
Concen: 5.84 ug/l
RT: 6.39 min Scan# 494
Delta R.T. -0.08 min
Lab File: VD060007.D
Acq: 14 Sep 2018 13:50

Tgt Ion:117 Resp: 95231

Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.7	115.1#
121	0.0	24.9	37.3#



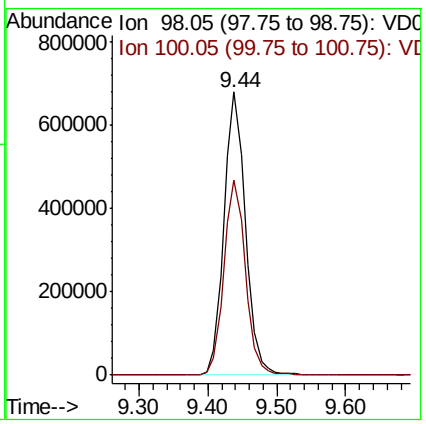


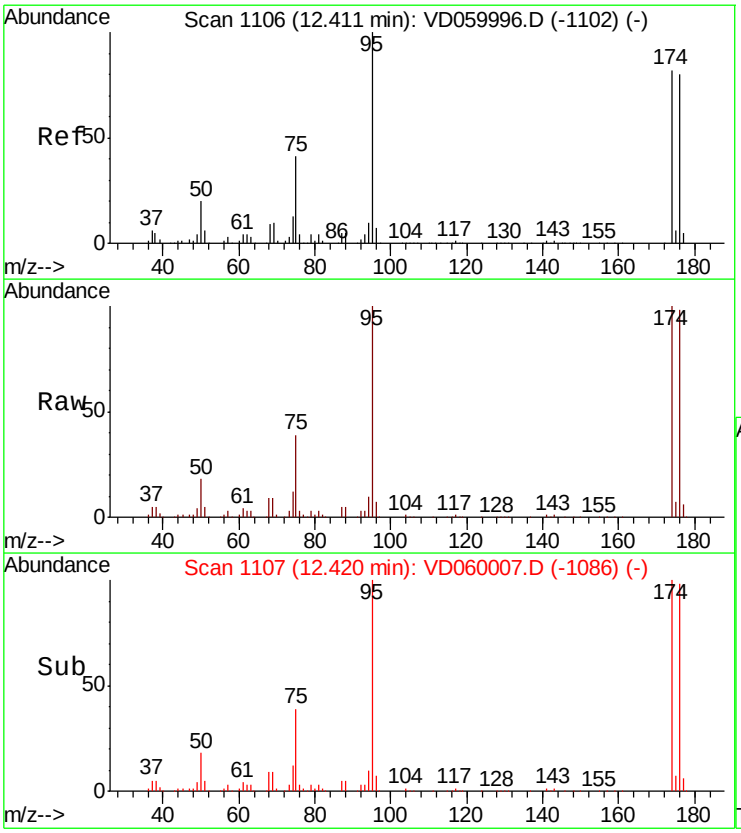
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 804
Delta R.T. -0.00 min
Lab File: VD060007.D
Acq: 14 Sep 2018 13:50

Instrument : MSVOA_D
ClientSampleId : NB-08-091218RE

Tgt Ion: 98 Resp: 1470132

Ion	Ratio	Lower	Upper
98	100		
100	68.9	55.8	83.6

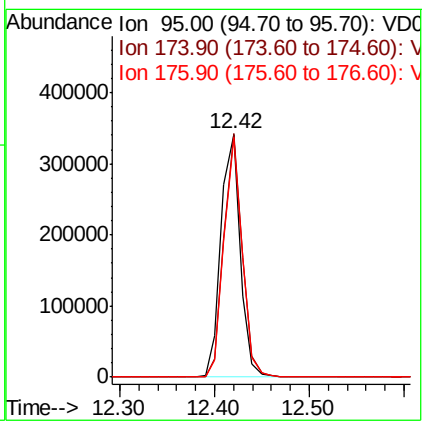


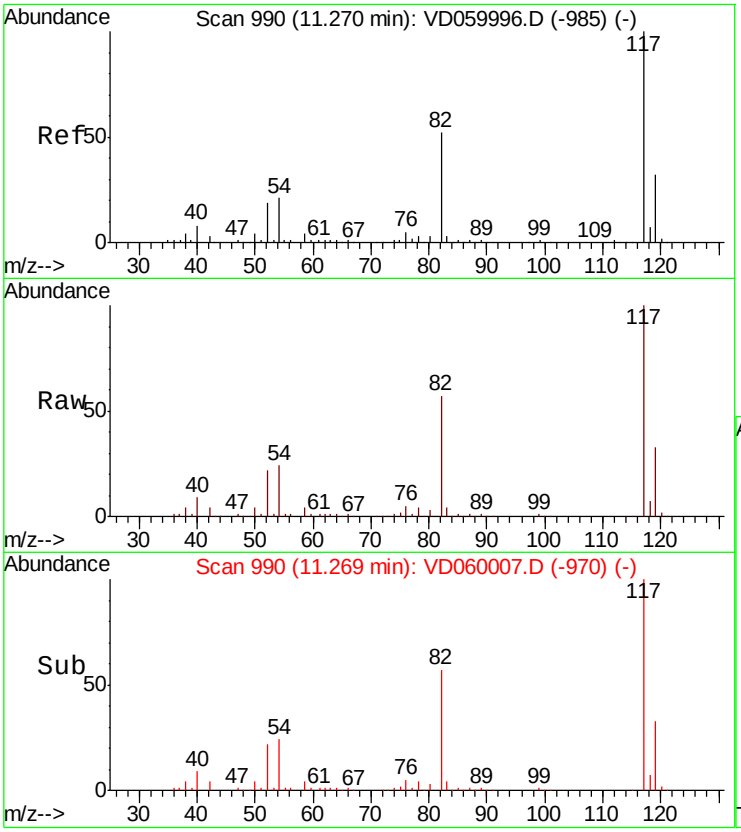


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD060007.D
Acq: 14 Sep 2018 13:50

Tgt Ion: 95 Resp: 482512

Ion	Ratio	Lower	Upper
95	100		
174	100.5	0.0	165.0
176	98.9	0.0	160.2



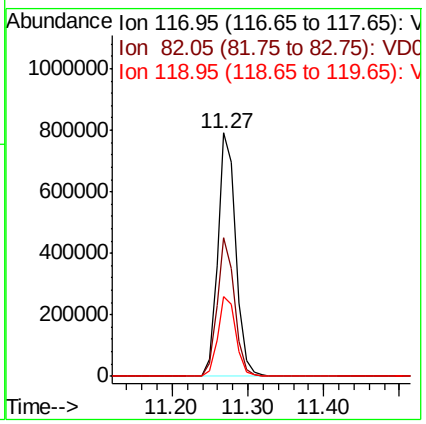


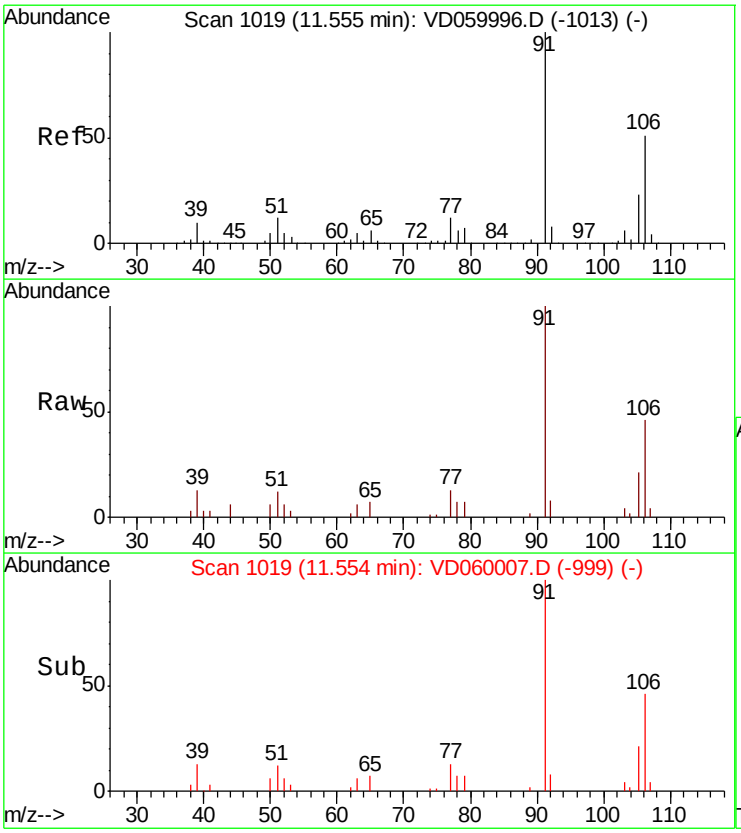
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.27 min Scan# 990
Delta R.T. -0.00 min
Lab File: VD060007.D
Acq: 14 Sep 2018 13:50

Instrument : MSVOA_D
ClientSampleId : NB-08-091218RE

Tgt Ion:117 Resp: 1313873

Ion	Ratio	Lower	Upper
117	100		
82	56.7	41.7	62.5
119	32.7	26.0	39.0

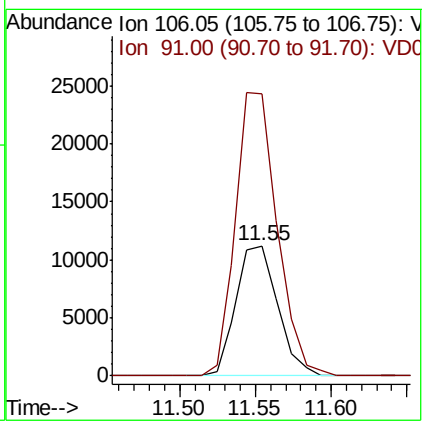


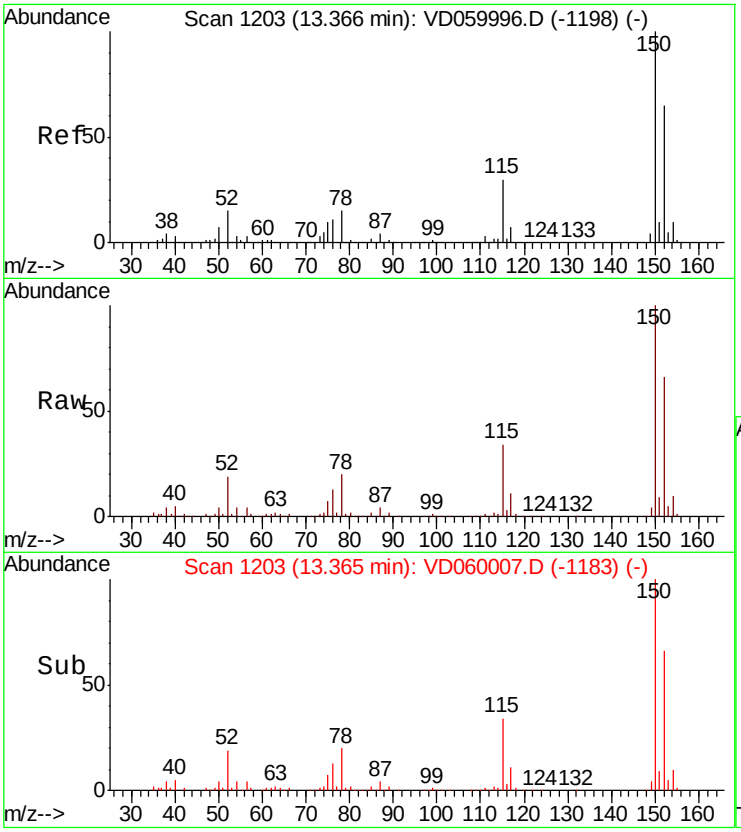


#68
m/p-Xylenes
Concen: 1.28 ug/l
RT: 11.55 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD060007.D
Acq: 14 Sep 2018 13:50

Tgt Ion:106 Resp: 21528

Ion	Ratio	Lower	Upper
106	100		
91	216.7	157.0	235.6



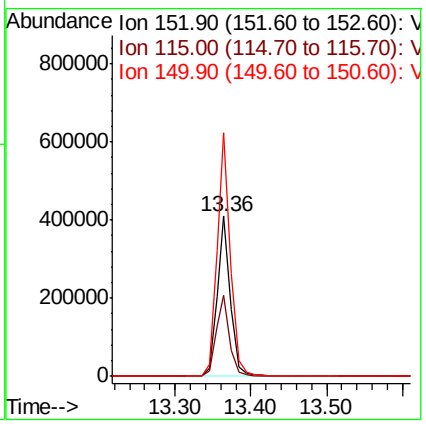


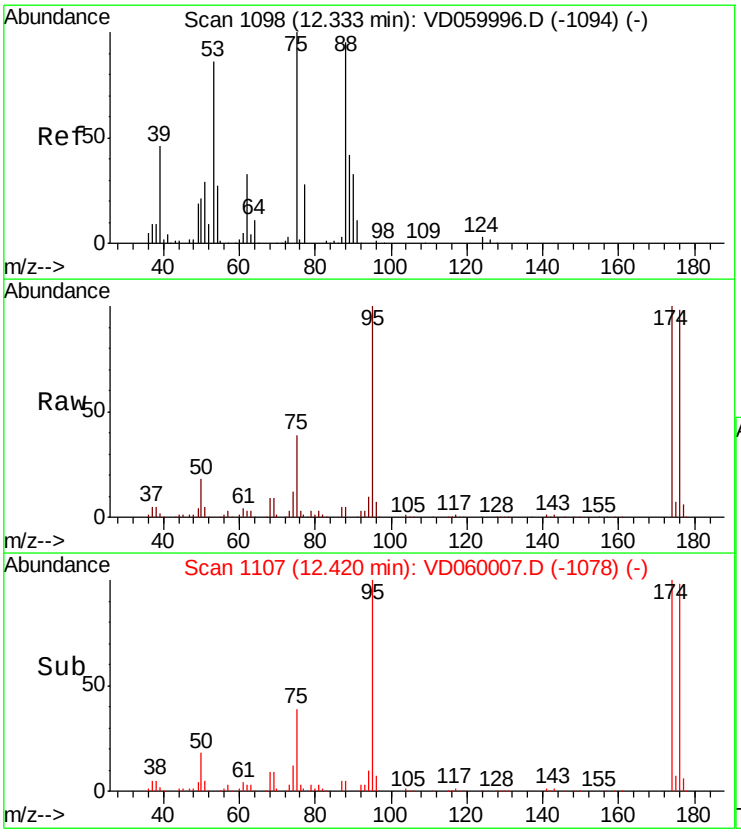
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.00 min
Lab File: VD060007.D
Acq: 14 Sep 2018 13:50

Instrument : MSVOA_D
ClientSampleId : NB-08-091218RE

Tgt Ion:152 Resp: 501542

Ion	Ratio	Lower	Upper
152	100		
115	51.0	24.6	73.8
150	152.0	0.0	313.4

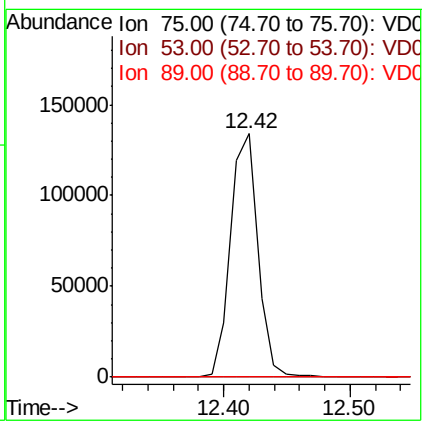


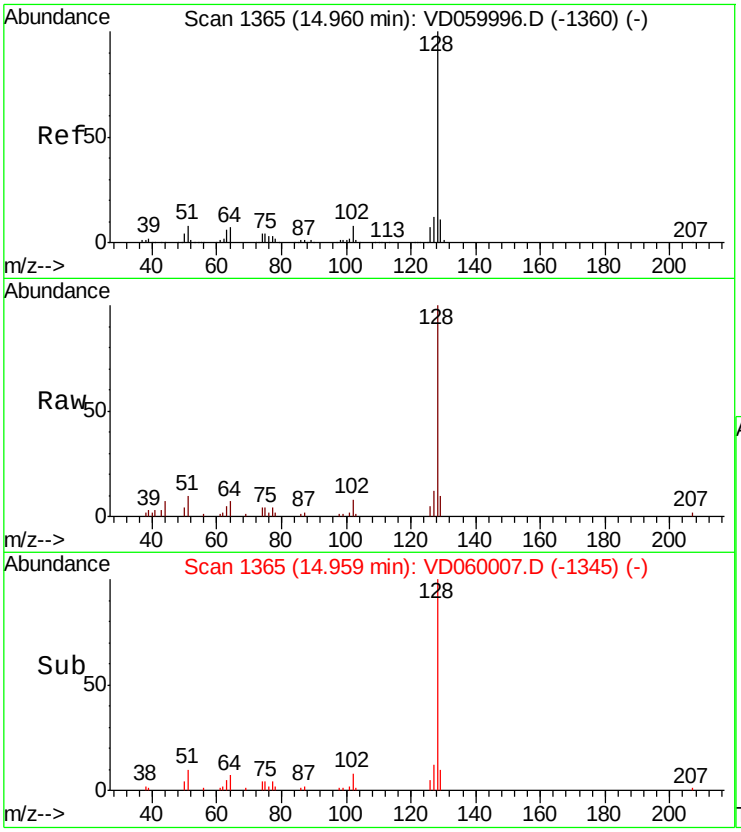


#81
trans-1,4-Dichloro-2-butene
Concen: 86.36 ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.09 min
Lab File: VD060007.D
Acq: 14 Sep 2018 13:50

Tgt Ion: 75 Resp: 199677

Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.4	102.6#
89	0.0	33.8	50.6#





#95
Naphthalene
Concen: 1.84 ug/l
RT: 14.96 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VD060007.D
Acq: 14 Sep 2018 13:50

Instrument :
MSVOA_D
ClientSampleId :
NB-08-091218RE

Tgt Ion:128 Resp: 33445

Ion	Ratio	Lower	Upper
128	100		
127	11.9	9.7	14.5
129	10.0	8.9	13.3