Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122118\
Data File : VD060684.D
Acq On : 21 Dec 2018 15:22
Operator : VA/AP
Sample : J6191-03
Misc : 7.88g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : NB-07-122018-B

Quant Time: Dec 21 22:24:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	6.44	168	1187674	50.00	ug/l		0.03
34) 1,4-Difluorobenzene	7.47	114	1643918	50.00	ug/l		0.03
63) Chlorobenzene-d5	11.31	117	1193266	50.00	ug/l		0.03
72) 1,4-Dichlorobenzene-d4	13.39	152	452646	50.00	ug/l		0.02
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.81	65	312945	38.13	ug/l		0.02
Spiked Amount 50.000			Recovery = 76.26%				
35) Dibromofluoromethane	6.35	113	447411	37.18	ug/l		0.02
Spiked Amount 50.000			Recovery = 74.36%				
50) Toluene-d8	9.49	98	1104503	30.77	ug/l		0.03
Spiked Amount 50.000			Recovery = 61.54%				
62) 4-Bromofluorobenzene	12.45	95	345497	27.48	ug/l		0.03
Spiked Amount 50.000			Recovery = 54.96%				
Target Compounds							Qvalue
16) Acetone	3.18	43	54119	37.757	ug/l		95
20) Methylene Chloride	3.75	84	50452	3.389	ug/l		94
25) 2-Butanone	5.65	43	7274	2.652	ug/l	#	61
31) Cyclohexane	6.44	56	22636	1.092	ug/l	#	1
36) 1,1-Dichloropropene	6.44	75	82598	4.879	ug/l	#	46
37) Ethyl Acetate	5.65	43	7274	1.027	ug/l	#	69
38) Carbon Tetrachloride	6.44	117	89123	5.968	ug/l	#	15
51) 4-Methyl-2-Pentanone	9.48	43	6376	1.145	ug/l	#	1
52) Toluene	9.58	92	37120	1.354	ug/l		98
76) 1,2,3-Trichloropropane	12.45	75	142729	27.697	ug/l	#	44
81) trans-1,4-Dichloro-2-buten	12.45	75	143009	100.429	ug/l	#	13
84) 1,2,4-Trimethylbenzene	13.11	105	32452	1.266	ug/l		93

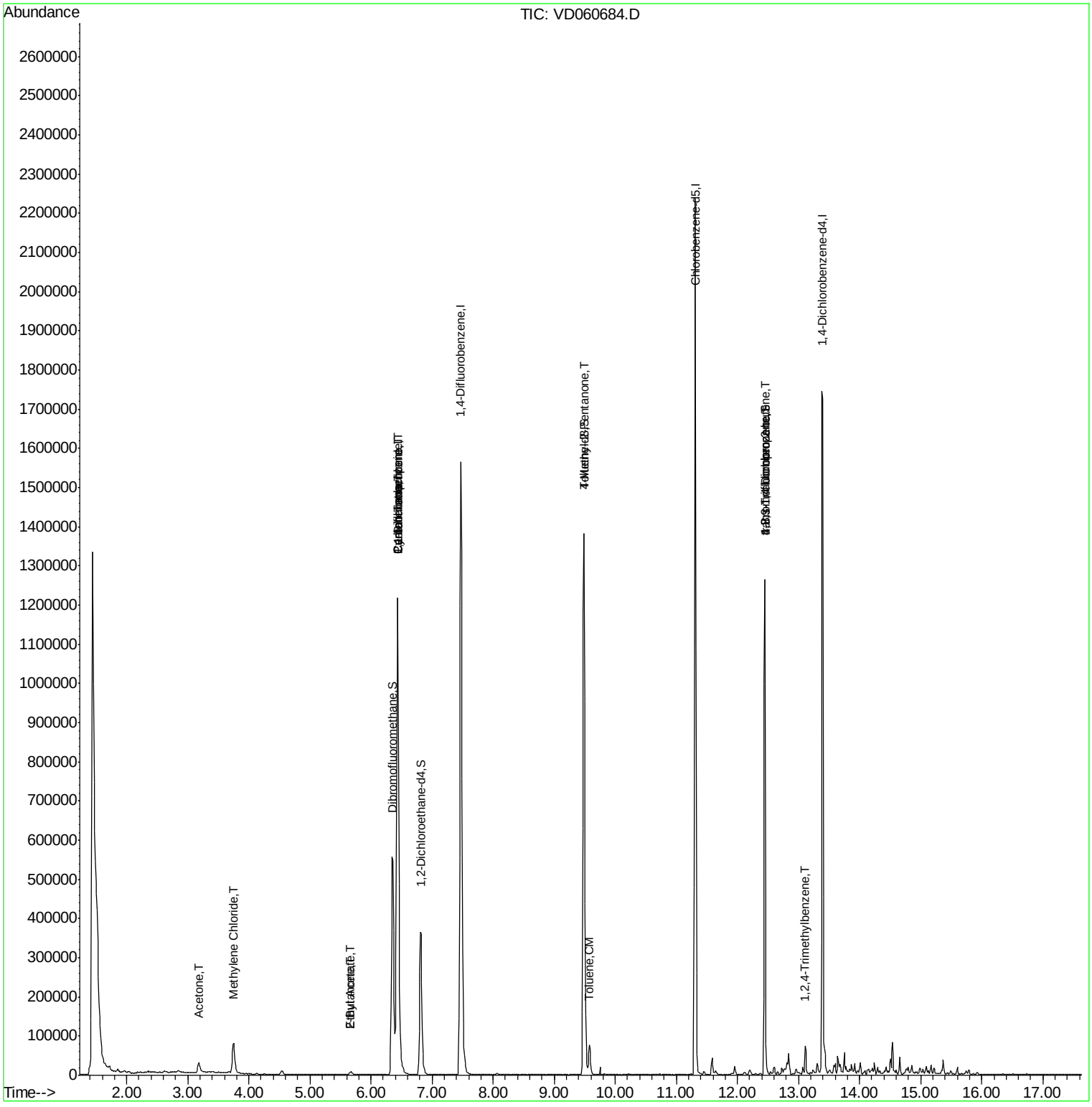
(#) = qualifier out of range (m) = manual integration (+) = signals summed

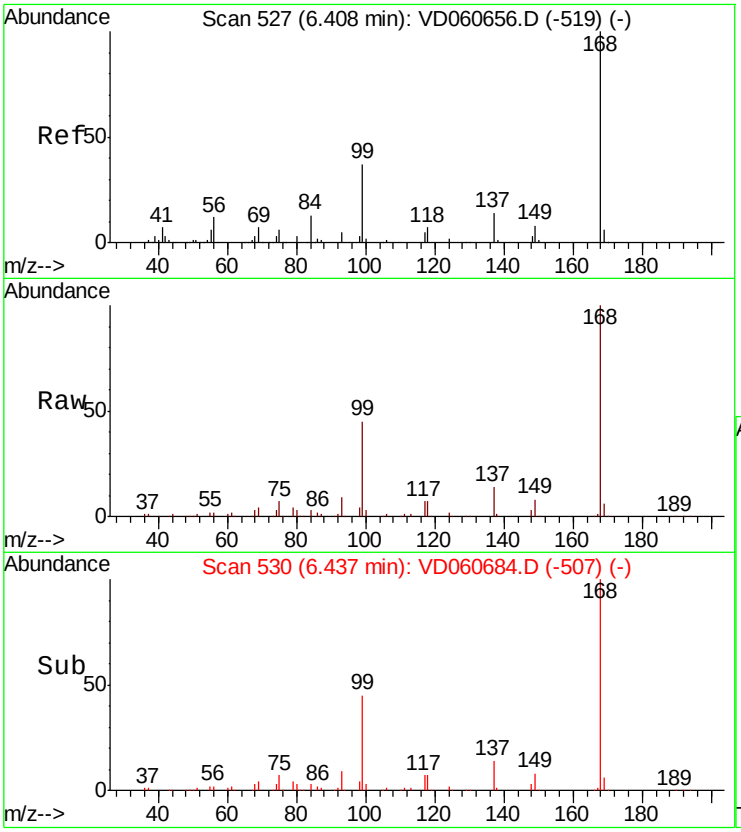
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122118\
Data File : VD060684.D
Acq On : 21 Dec 2018 15:22
Operator : VA/AP
Sample : J6191-03
Misc : 7.88g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
NB-07-122018-B

Quant Time: Dec 21 22:24:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration



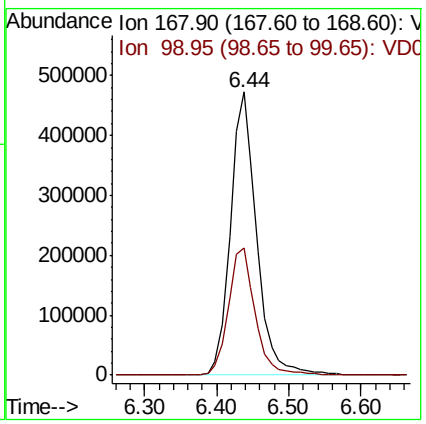


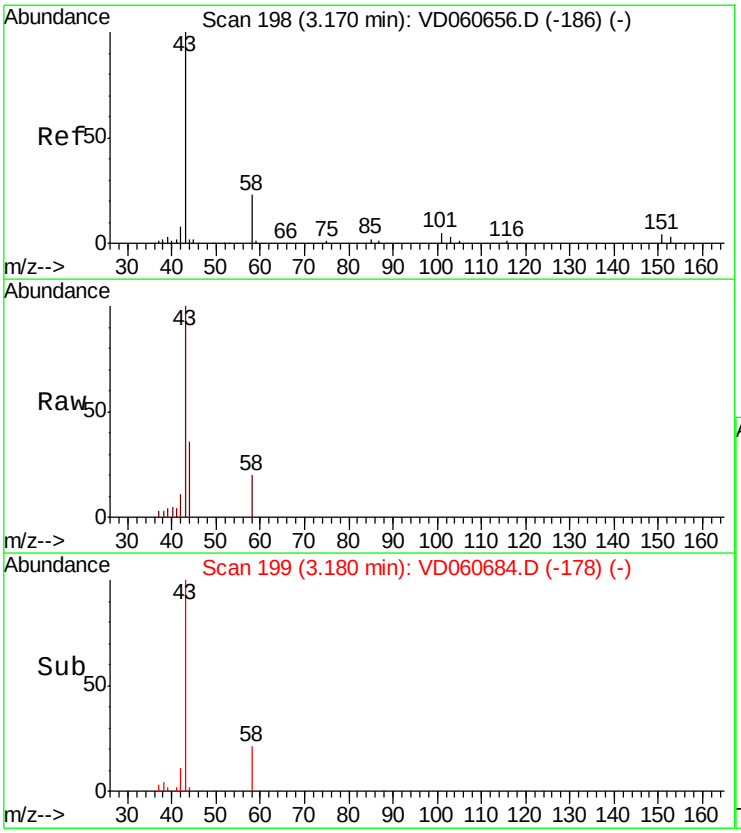
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.44 min Scan# 530
Delta R.T. 0.03 min
Lab File: VD060684.D
Acq: 21 Dec 2018 15:22

Instrument :
MSVOA_D
ClientSampleId :
NB-07-122018-B

Tgt Ion:168 Resp: 1187674

Ion	Ratio	Lower	Upper
168	100		
99	45.1	38.7	58.1

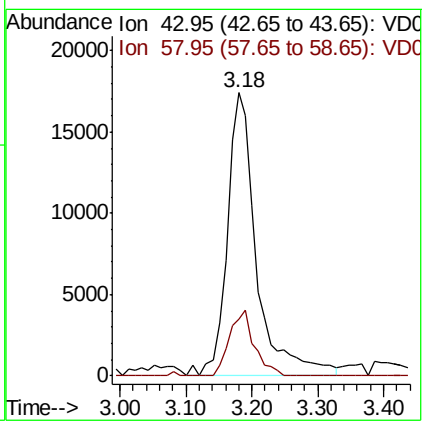


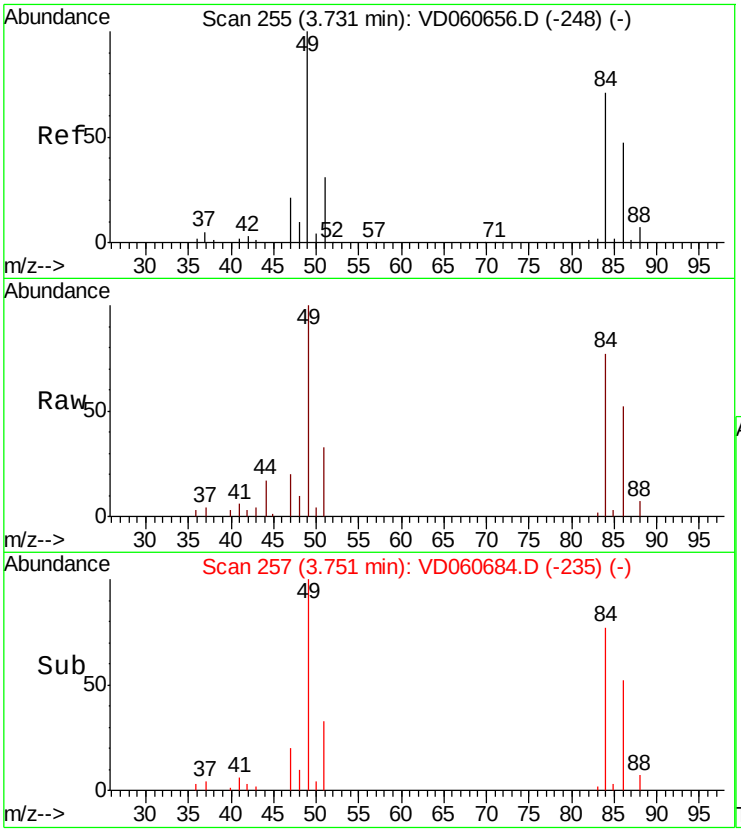


#16
Acetone
Concen: 37.757 ug/l
RT: 3.18 min Scan# 199
Delta R.T. 0.01 min
Lab File: VD060684.D
Acq: 21 Dec 2018 15:22

Tgt Ion: 43 Resp: 54119

Ion	Ratio	Lower	Upper
43	100		
58	20.1	18.2	27.2



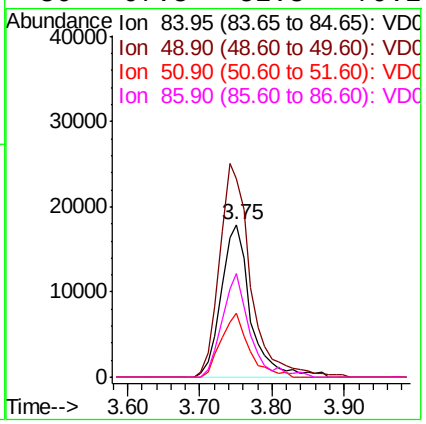


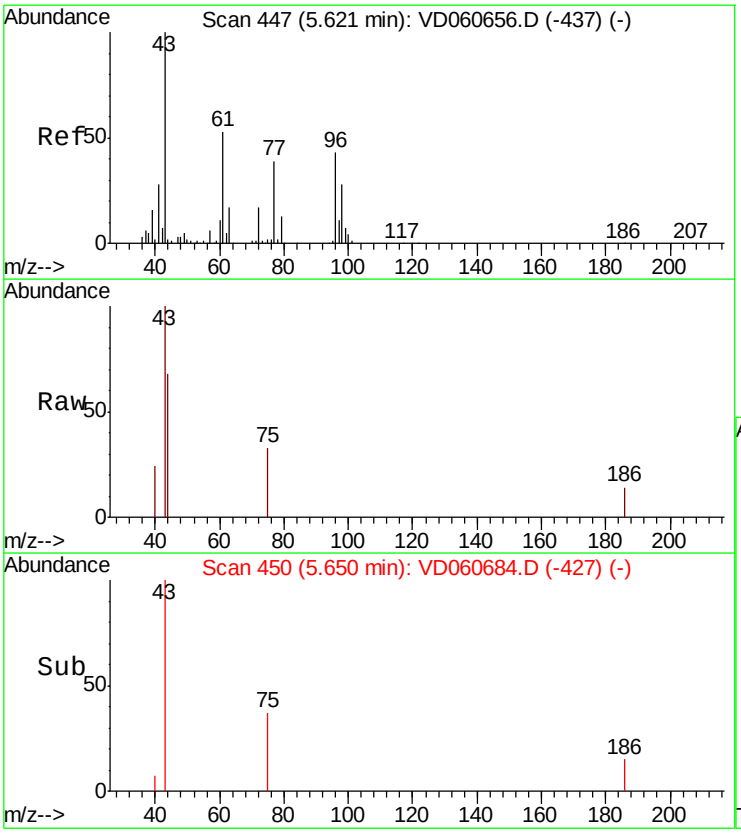
#20
Methylene Chloride
Concen: 3.389 ug/l
RT: 3.75 min Scan# 257
Delta R.T. 0.02 min
Lab File: VD060684.D
Acq: 21 Dec 2018 15:22

Instrument : MSVOA_D
ClientSampleId : NB-07-122018-B

Tgt Ion: 84 Resp: 50452

Ion	Ratio	Lower	Upper
84	100		
49	129.9	113.6	170.4
51	42.3	34.7	52.1
86	67.8	52.8	79.2

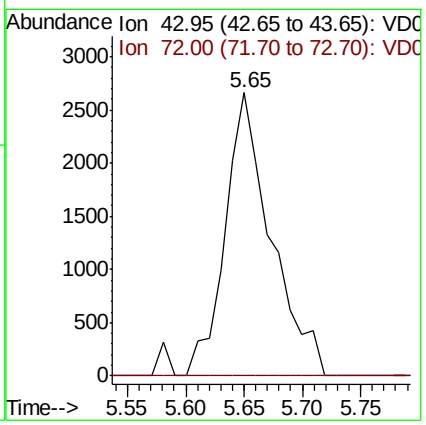


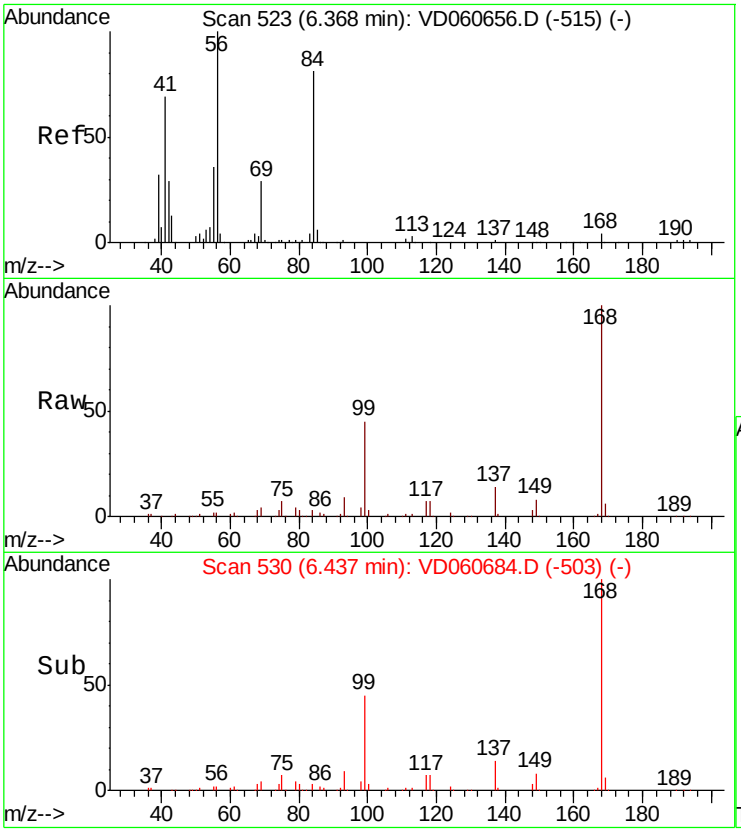


#25
2-Butanone
Concen: 2.652 ug/l
RT: 5.65 min Scan# 450
Delta R.T. 0.03 min
Lab File: VD060684.D
Acq: 21 Dec 2018 15:22

Tgt Ion: 43 Resp: 7274

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.7	20.5#



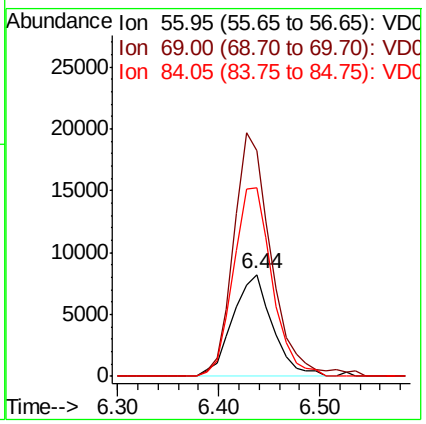


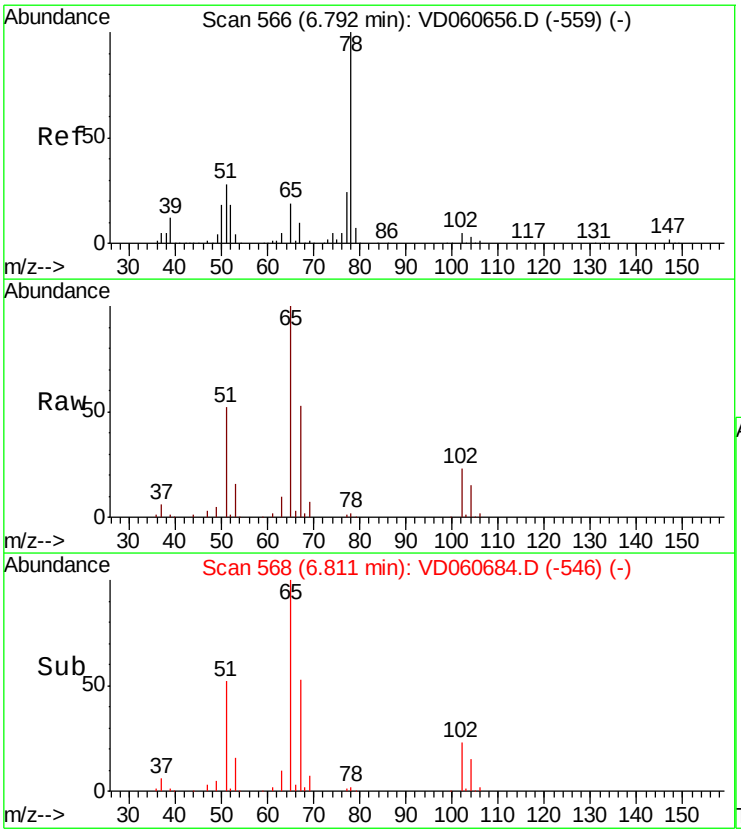
#31
Cyclohexane
Concen: 1.092 ug/l
RT: 6.44 min Scan# 530
Delta R.T. 0.07 min
Lab File: VD060684.D
Acq: 21 Dec 2018 15:22

Instrument : MSVOA_D
ClientSampleId : NB-07-122018-B

Tgt Ion: 56 Resp: 22636

Ion	Ratio	Lower	Upper
56	100		
69	221.1	23.6	35.4#
84	184.8	65.8	98.6#

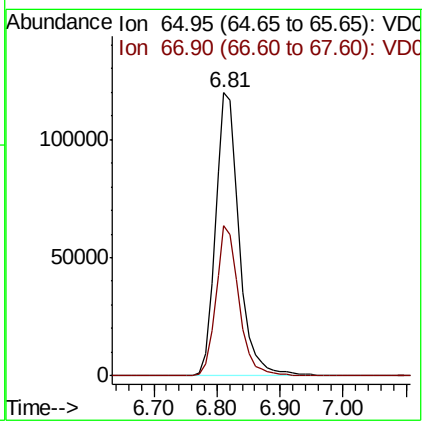


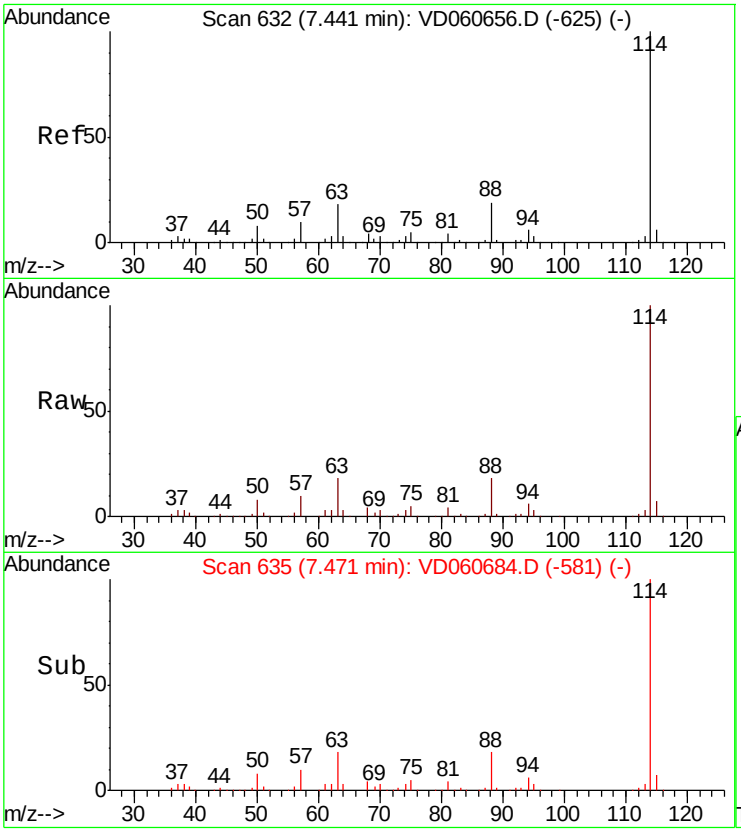


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.81 min Scan# 568
Delta R.T. 0.02 min
Lab File: VD060684.D
Acq: 21 Dec 2018 15:22

Tgt Ion: 65 Resp: 312945

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.4



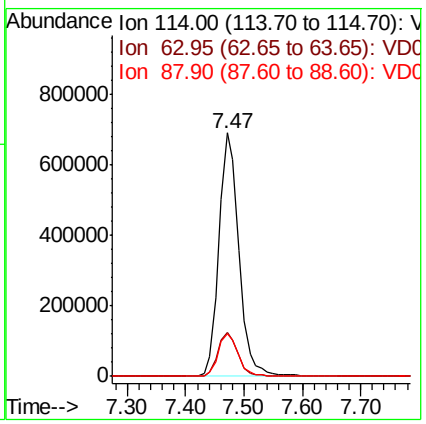


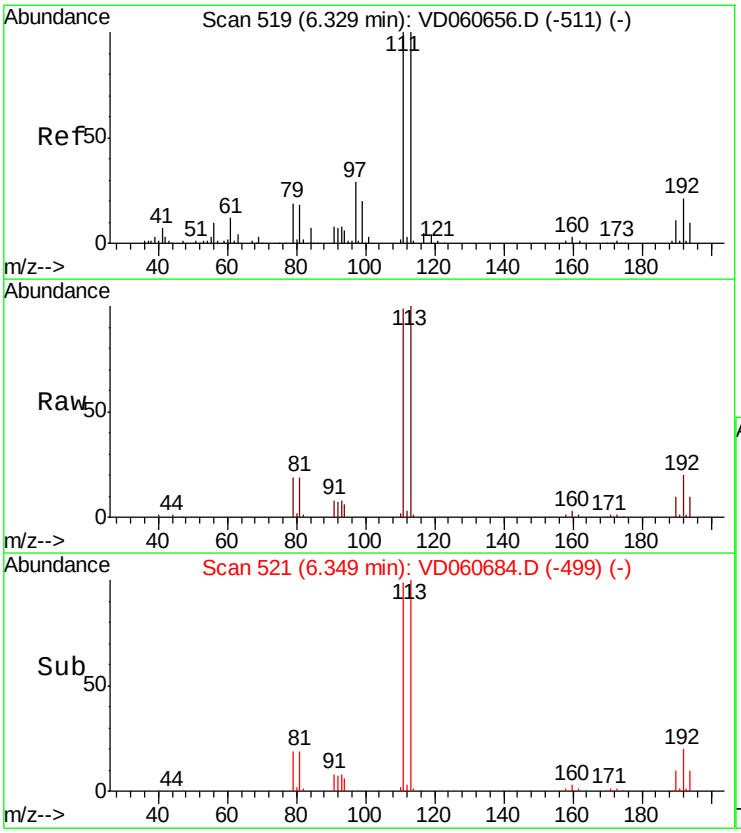
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.47 min Scan# 635
Delta R.T. 0.03 min
Lab File: VD060684.D
Acq: 21 Dec 2018 15:22

Instrument : MSVOA_D
ClientSampleId : NB-07-122018-B

Tgt Ion:114 Resp: 1643918

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	36.2
88	17.6	0.0	37.0

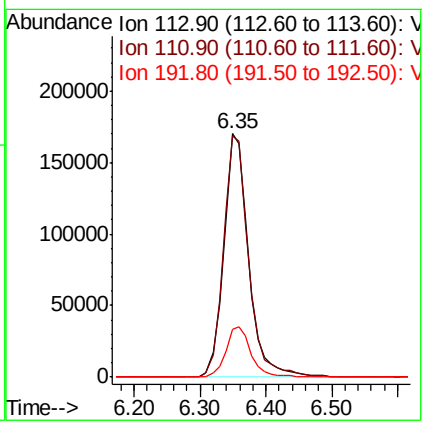


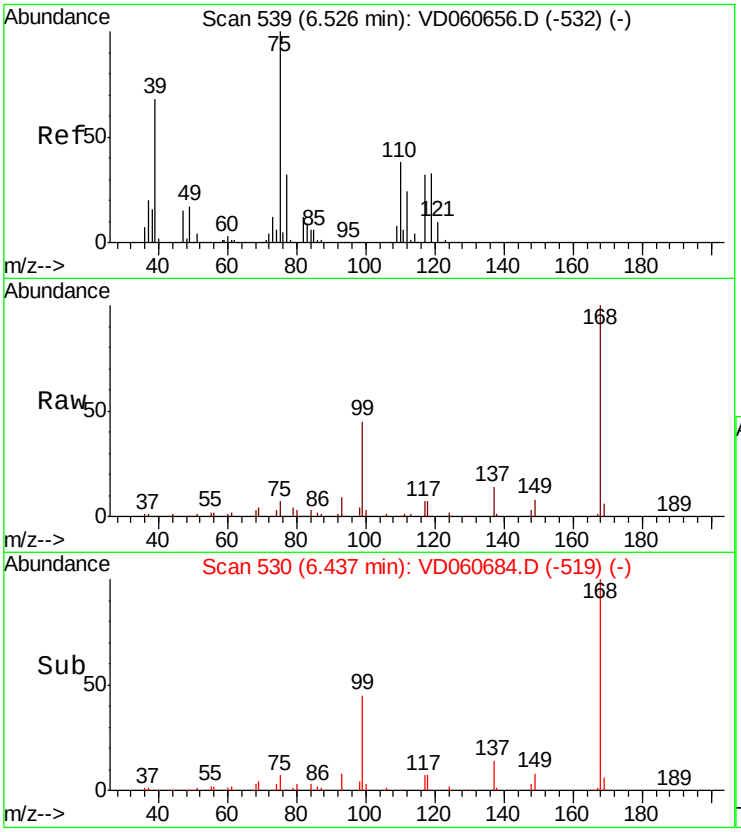


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.35 min Scan# 521
Delta R.T. 0.02 min
Lab File: VD060684.D
Acq: 21 Dec 2018 15:22

Tgt Ion:113 Resp: 447411

Ion	Ratio	Lower	Upper
113	100		
111	99.0	80.0	120.0
192	19.5	16.6	25.0



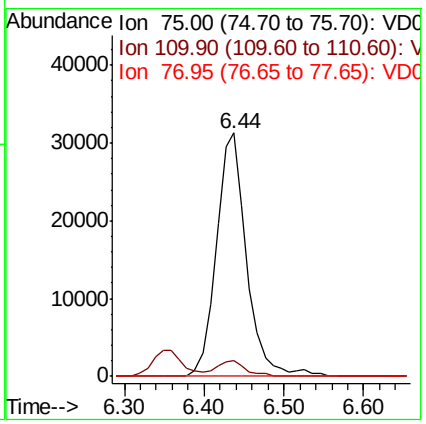


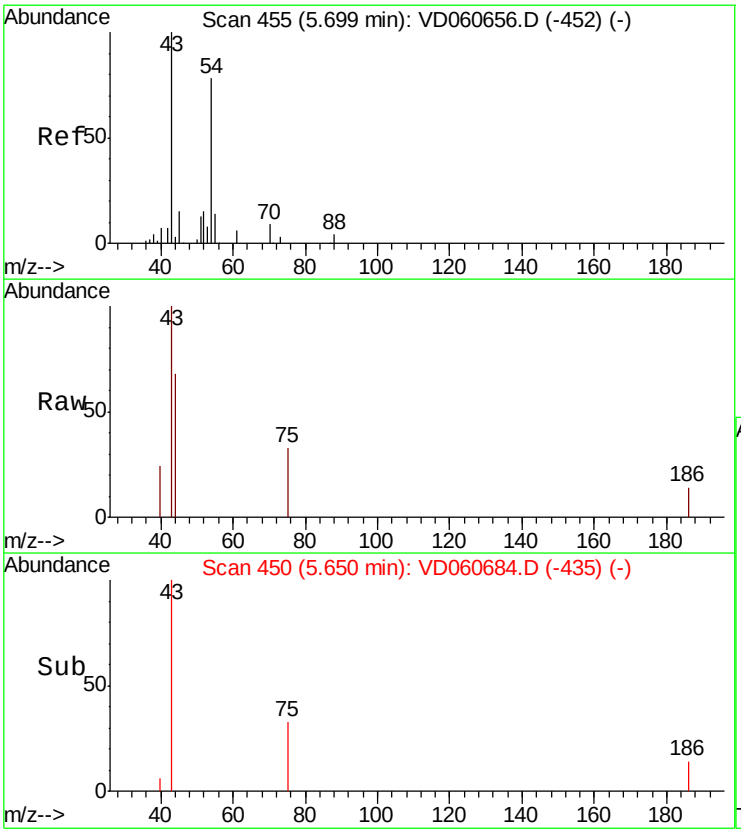
#36
1,1-Dichloropropene
Concen: 4.879 ug/l
RT: 6.44 min Scan# 530
Delta R.T. -0.09 min
Lab File: VD060684.D
Acq: 21 Dec 2018 15:22

Instrument : MSVOA_D
ClientSampleId : NB-07-122018-B

Tgt Ion: 75 Resp: 82598

Ion	Ratio	Lower	Upper
75	100		
110	6.6	18.9	56.7#
77	0.0	25.4	38.0#

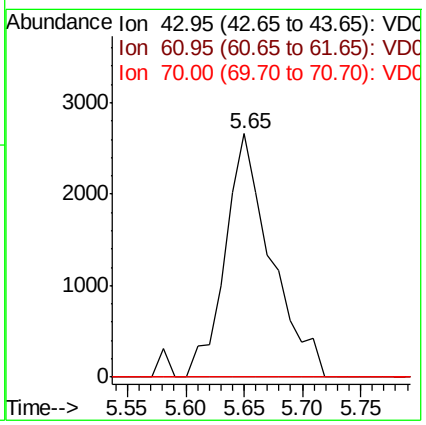


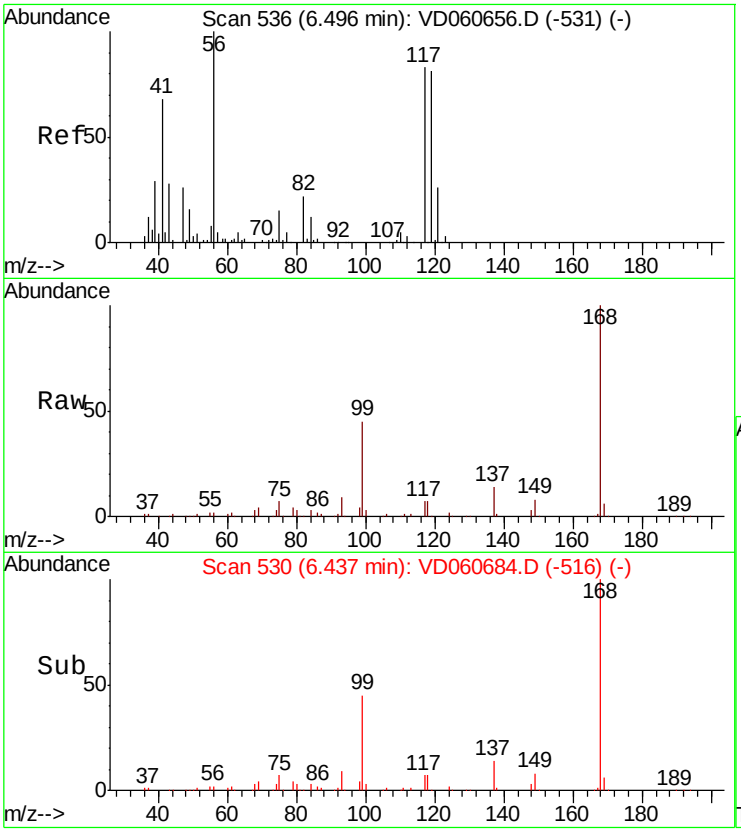


#37
Ethyl Acetate
Concen: 1.027 ug/l
RT: 5.65 min Scan# 450
Delta R.T. -0.05 min
Lab File: VD060684.D
Acq: 21 Dec 2018 15:22

Tgt Ion: 43 Resp: 7274

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.6#
70	0.0	5.8	8.6#



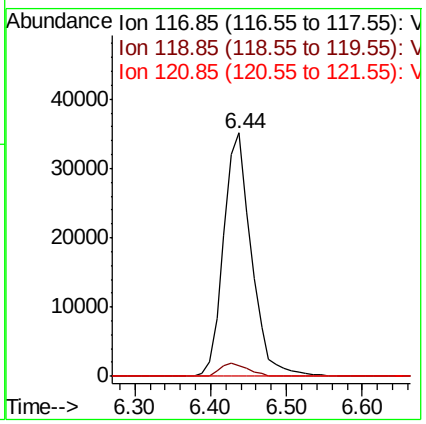


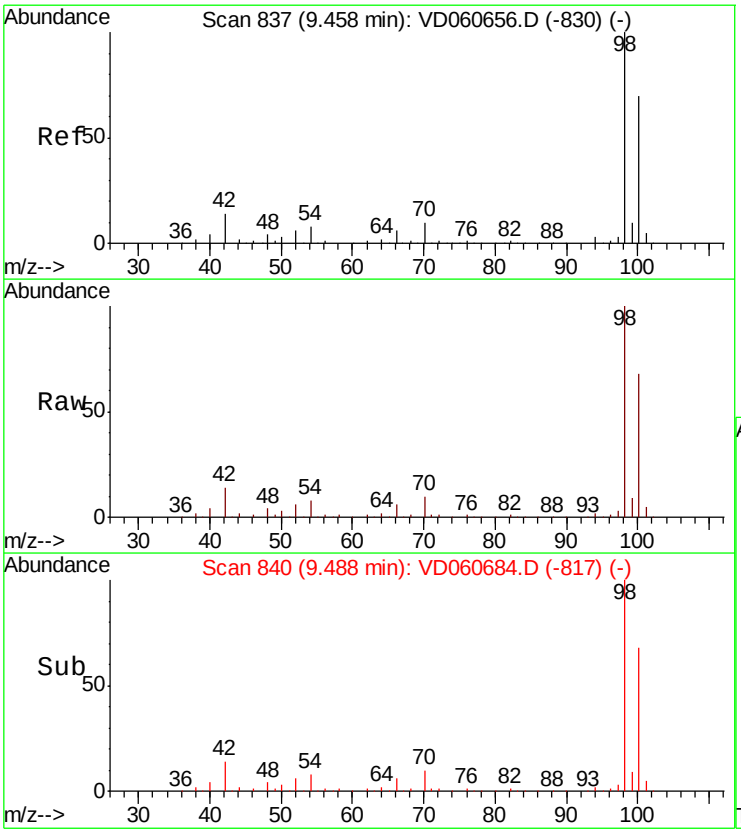
#38
Carbon Tetrachloride
Concen: 5.968 ug/l
RT: 6.44 min Scan# 530
Delta R.T. -0.06 min
Lab File: VD060684.D
Acq: 21 Dec 2018 15:22

Instrument : MSVOA_D
ClientSampleId : NB-07-122018-B

Tgt Ion:117 Resp: 89123

Ion	Ratio	Lower	Upper
117	100		
119	4.4	77.0	115.4#
121	0.0	24.7	37.1#

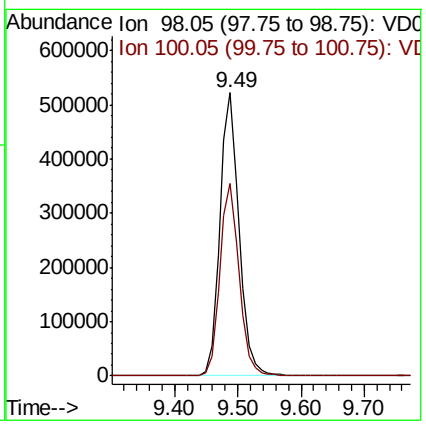


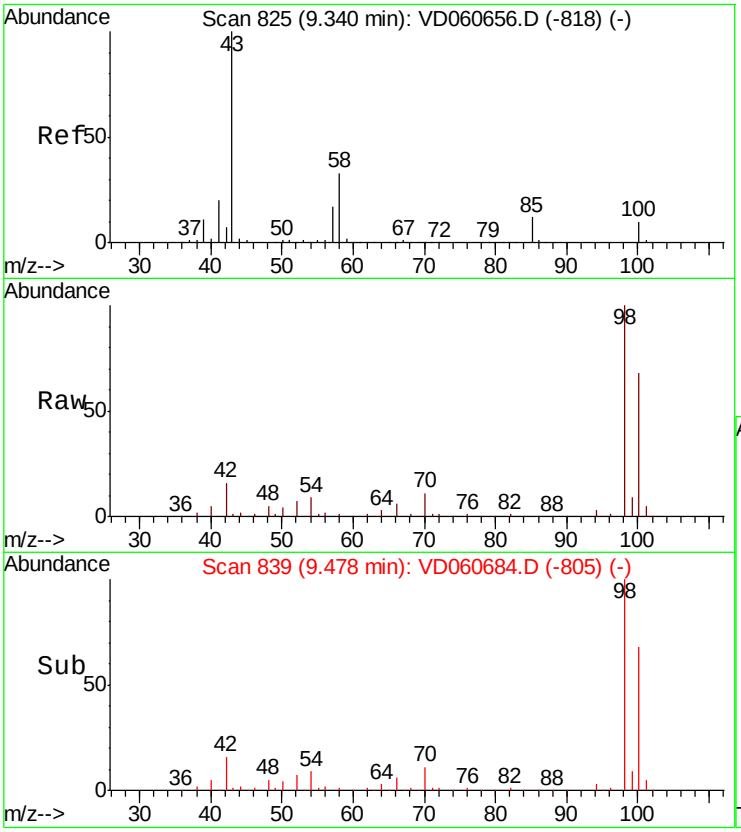


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.49 min Scan# 840
Delta R.T. 0.03 min
Lab File: VD060684.D
Acq: 21 Dec 2018 15:22

Tgt Ion: 98 Resp: 1104503

Ion	Ratio	Lower	Upper
98	100		
100	68.2	55.8	83.8



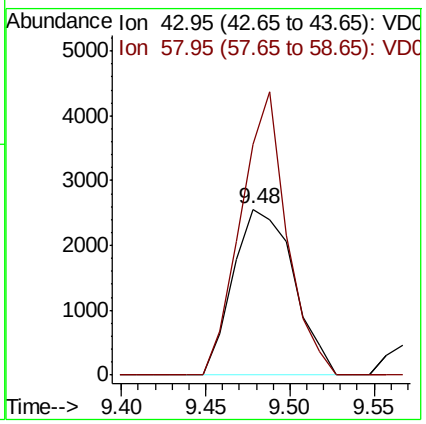


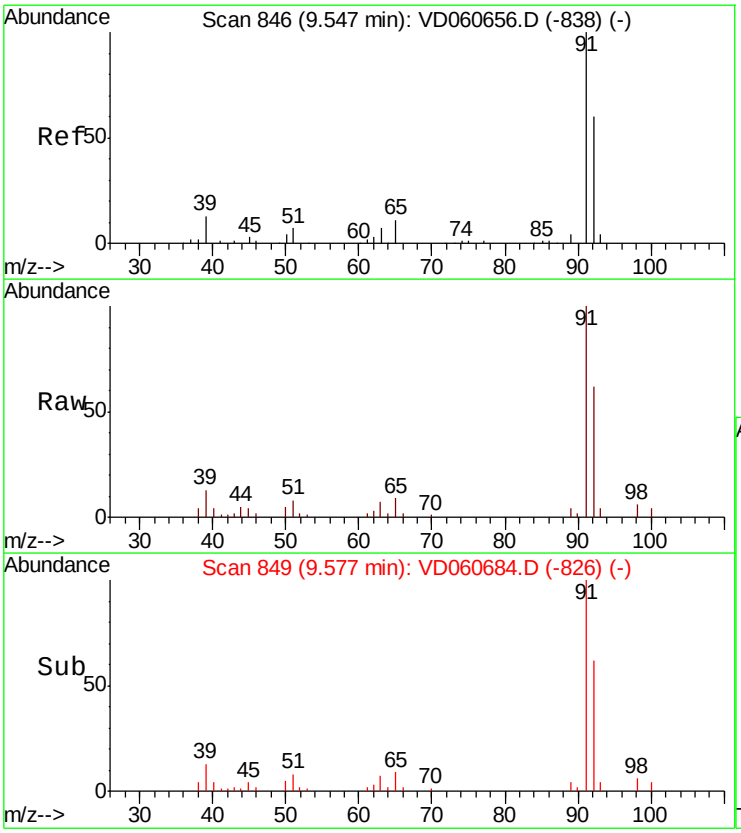
#51
4-Methyl-2-Pentanone
Concen: 1.145 ug/l
RT: 9.48 min Scan# 839
Delta R.T. 0.14 min
Lab File: VD060684.D
Acq: 21 Dec 2018 15:22

Instrument : MSVOA_D
ClientSampleId : NB-07-122018-B

Tgt Ion: 43 Resp: 6376

Ion	Ratio	Lower	Upper
43	100		
58	139.3	26.3	39.5#

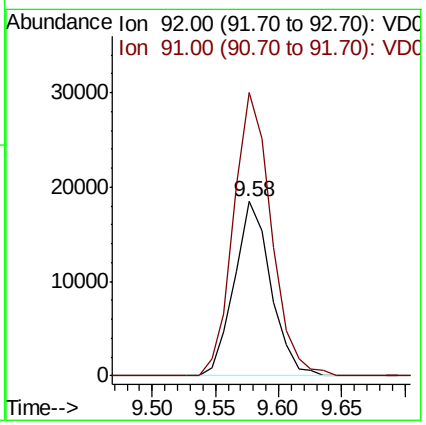


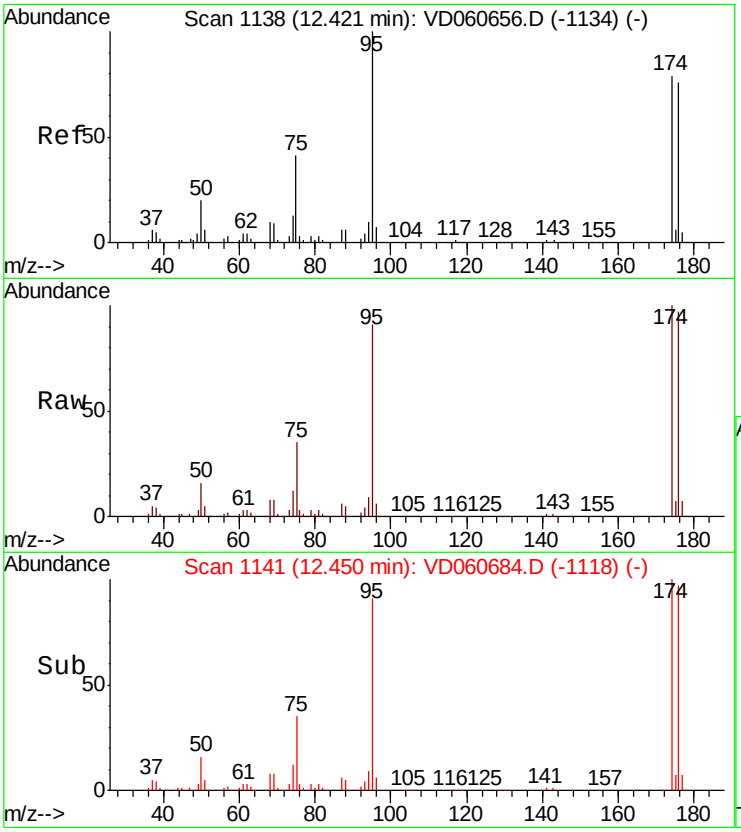


#52
Toluene
Concen: 1.354 ug/l
RT: 9.58 min Scan# 849
Delta R.T. 0.03 min
Lab File: VD060684.D
Acq: 21 Dec 2018 15:22

Tgt Ion: 92 Resp: 37120

Ion	Ratio	Lower	Upper
92	100		
91	162.6	132.6	199.0



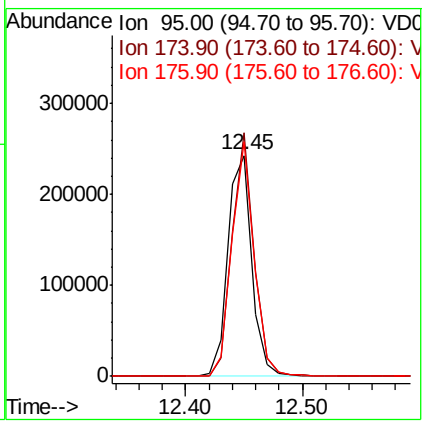


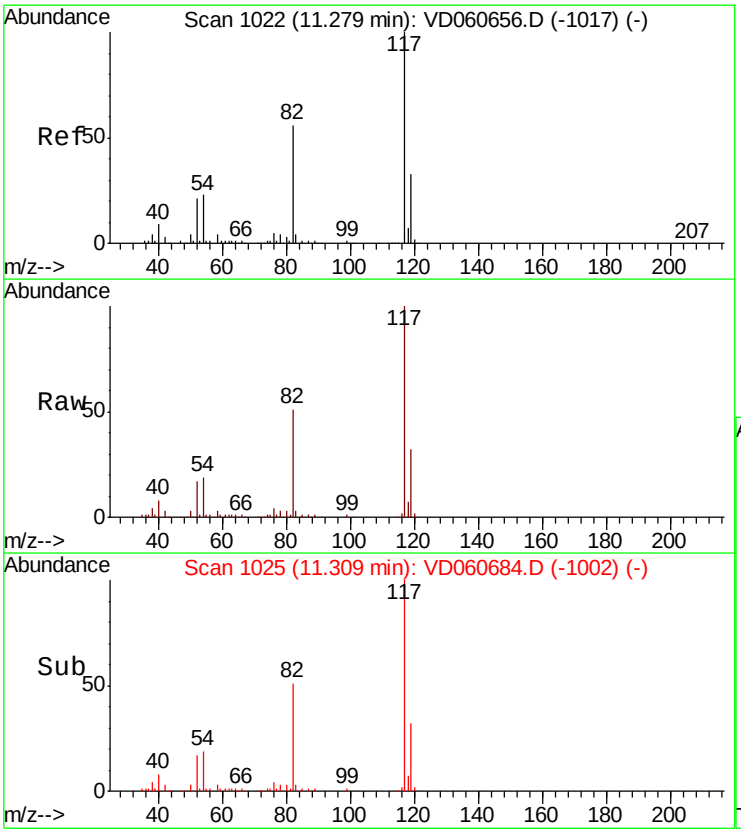
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.45 min Scan# 1141
Delta R.T. 0.03 min
Lab File: VD060684.D
Acq: 21 Dec 2018 15:22

Instrument : MSVOA_D
ClientSampleId : NB-07-122018-B

Tgt Ion: 95 Resp: 345497

Ion	Ratio	Lower	Upper
95	100		
174	110.2	0.0	158.2
176	106.5	0.0	152.4

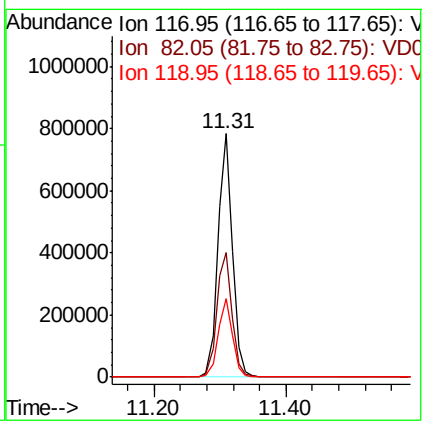


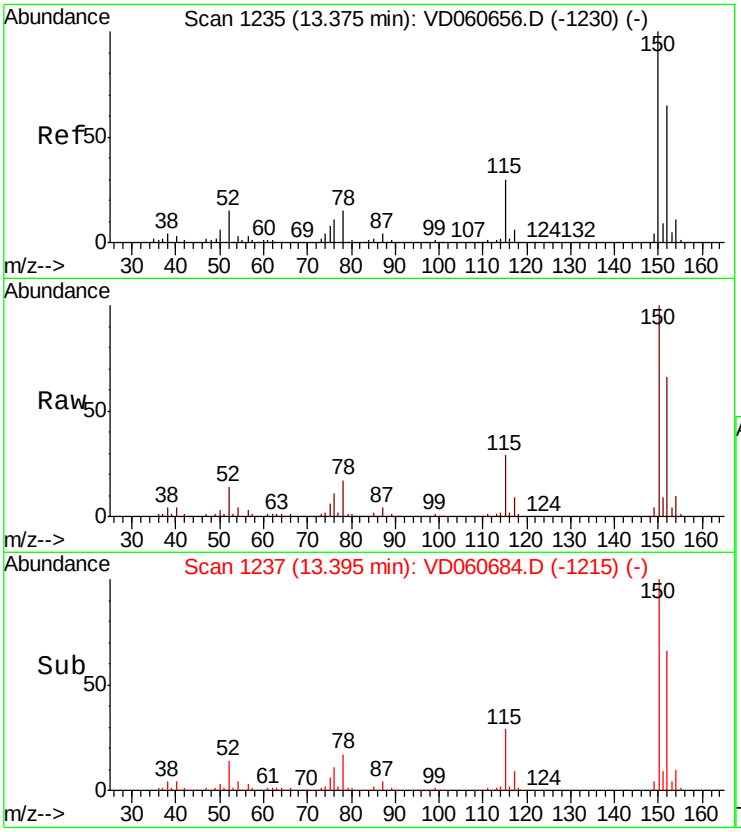


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.31 min Scan# 1025
Delta R.T. 0.03 min
Lab File: VD060684.D
Acq: 21 Dec 2018 15:22

Tgt Ion:117 Resp: 1193266

Ion	Ratio	Lower	Upper
117	100		
82	51.3	44.5	66.7
119	32.3	26.3	39.5



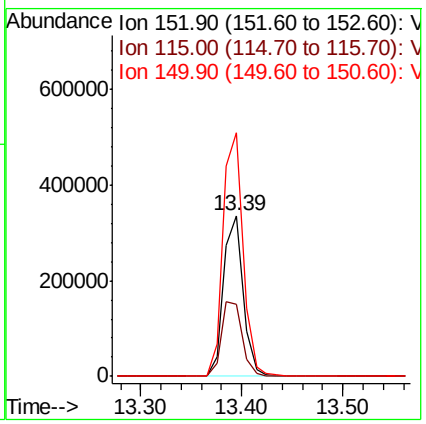


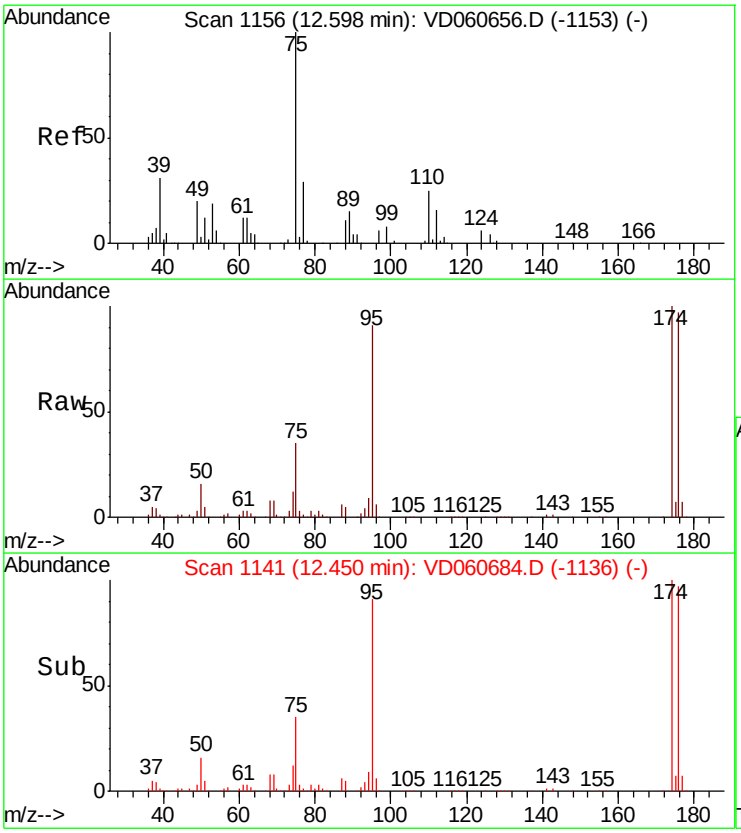
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.39 min Scan# 1237
Delta R.T. 0.02 min
Lab File: VD060684.D
Acq: 21 Dec 2018 15:22

Instrument : MSVOA_D
ClientSampleId : NB-07-122018-B

Tgt Ion:152 Resp: 452646

Ion	Ratio	Lower	Upper
152	100		
115	44.7	24.1	72.3
150	151.7	0.0	315.0

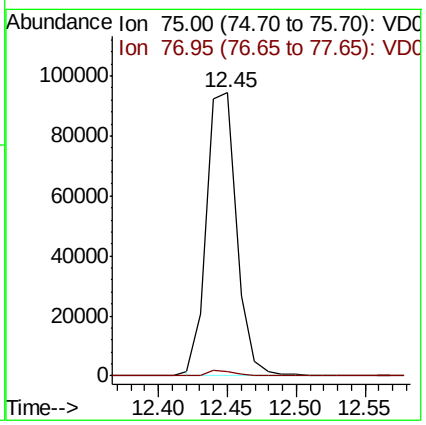


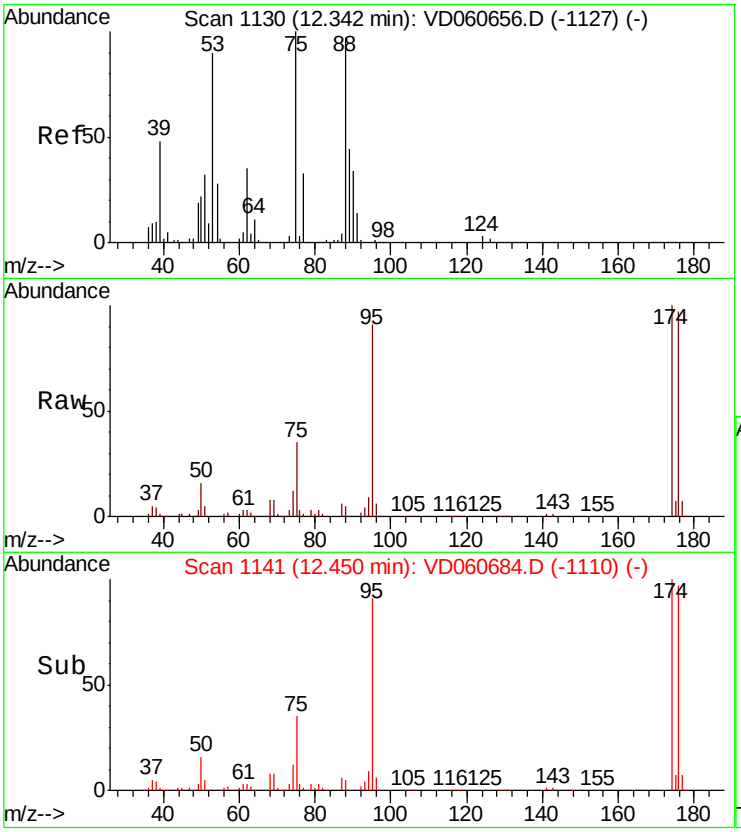


#76
1,2,3-Trichloropropane
Concen: 27.697 ug/l
RT: 12.45 min Scan# 1141
Delta R.T. -0.15 min
Lab File: VD060684.D
Acq: 21 Dec 2018 15:22

Tgt Ion: 75 Resp: 142729

Ion	Ratio	Lower	Upper
75	100		
77	1.7	16.7	50.0#



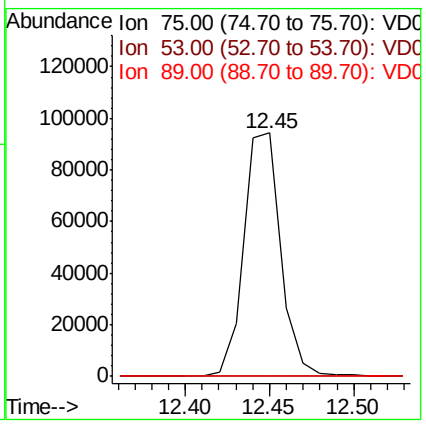


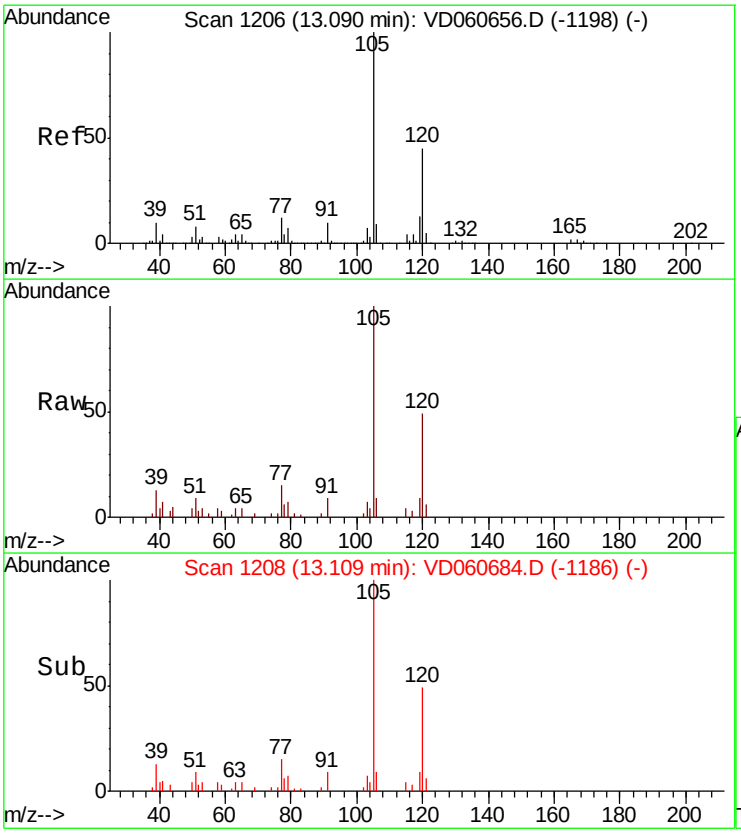
#81
trans-1,4-Dichloro-2-butene
Concen: 100.429 ug/l
RT: 12.45 min Scan# 1141
Delta R.T. 0.11 min
Lab File: VD060684.D
Acq: 21 Dec 2018 15:22

Instrument :
MSVOA_D
ClientSampleId :
NB-07-122018-B

Tgt Ion: 75 Resp: 143009

Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.1	108.1#
89	0.0	35.1	52.7#





#84
1,2,4-Trimethylbenzene
Concen: 1.266 ug/l
RT: 13.11 min Scan# 1208
Delta R.T. 0.02 min
Lab File: VD060684.D
Acq: 21 Dec 2018 15:22

Tgt Ion:105 Resp: 32452

Ion	Ratio	Lower	Upper
105	100		
120	49.1	22.4	67.0