Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121318\
Data File : VN052866.D
Acq On : 13 Dec 2018 16:01
Operator : MD\SY
Sample : J6319-02DL 10X
Misc : 5.16g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 16 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : 056_BT-1-2DL

Quant Time: Dec 14 02:37:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1281402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1949780	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1764713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	791790	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	630600	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.56%			
35) Dibromofluoromethane	7.59	113	537583	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.78%			
50) Toluene-d8	10.09	98	2486707	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.40%			
62) 4-Bromofluorobenzene	12.40	95	842971	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.44%			
Target Compounds						Qvalue
31) Cyclohexane	7.65	56	193104	7.875	ug/l #	94
39) Methylcyclohexane	9.08	83	1035573	47.000	ug/l	98
73) Isopropylbenzene	12.25	105	193891	3.280	ug/l	100
78) n-propylbenzene	12.59	91	420709	6.240	ug/l	99
85) sec-Butylbenzene	13.17	105	100883	1.769	ug/l #	62
89) n-Butylbenzene	13.62	91	152213	3.661	ug/l #	77

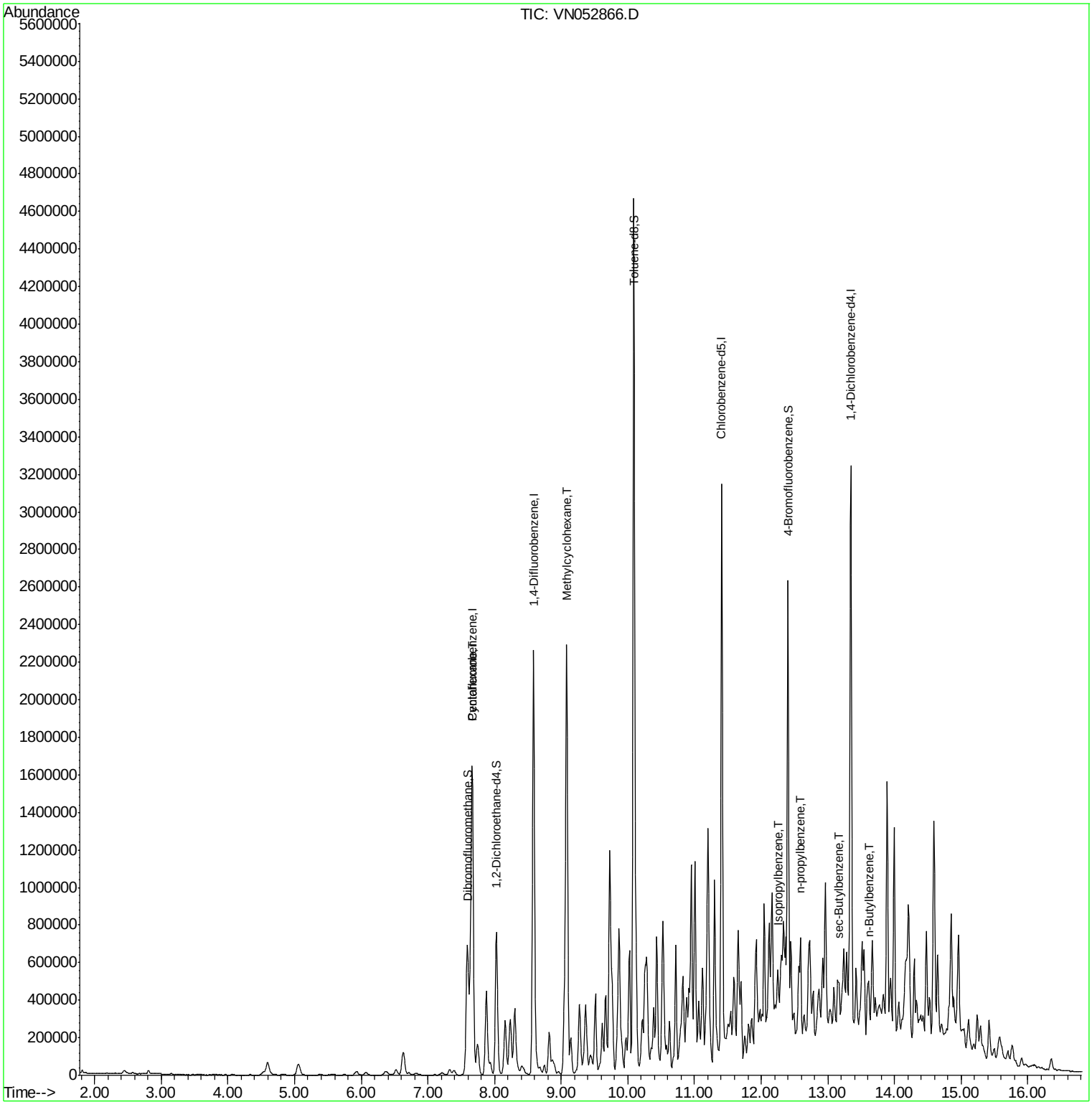
(#) = qualifier out of range (m) = manual integration (+) = signals summed

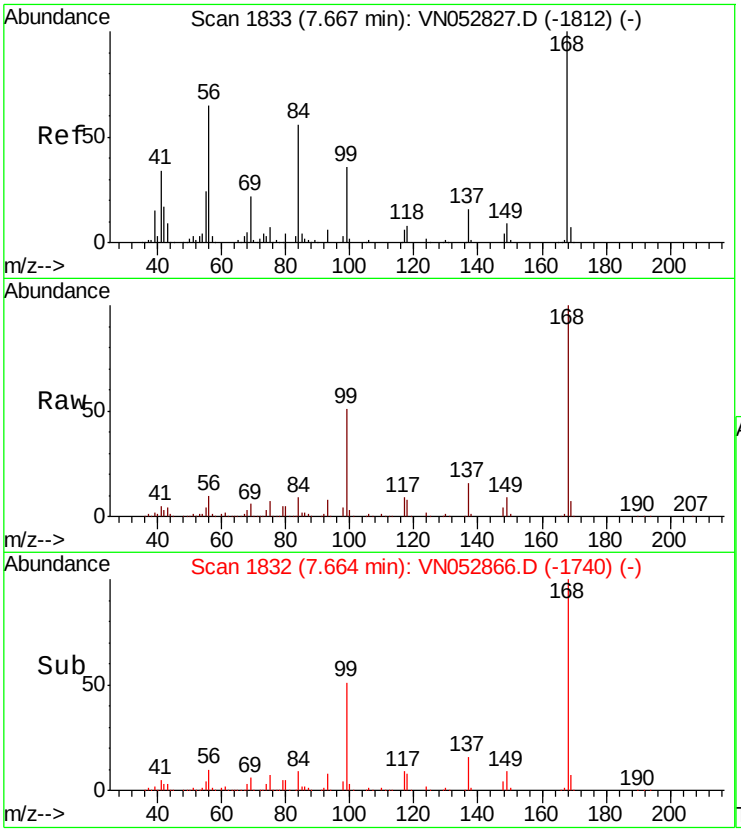
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121318\
Data File : VN052866.D
Acq On : 13 Dec 2018 16:01
Operator : MD\SY
Sample : J6319-02DL 10X
Misc : 5.16g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 16 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : 056_BT-1-2DL

Quant Time: Dec 14 02:37:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration



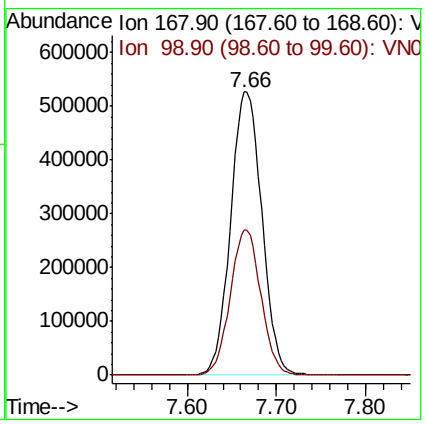


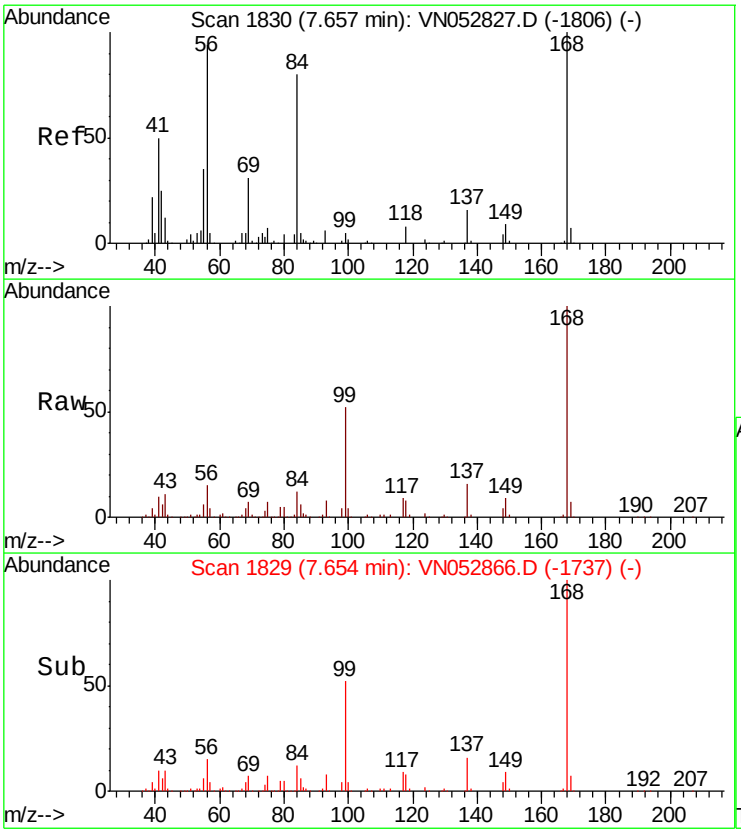
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

Instrument :
MSVOA_N
ClientSampleId :
056_BT-1-2DL

Tgt Ion:168 Resp: 1281402

Ion	Ratio	Lower	Upper
168	100		
99	51.2	40.2	60.2

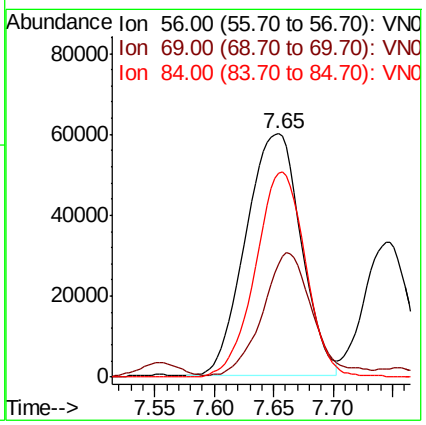


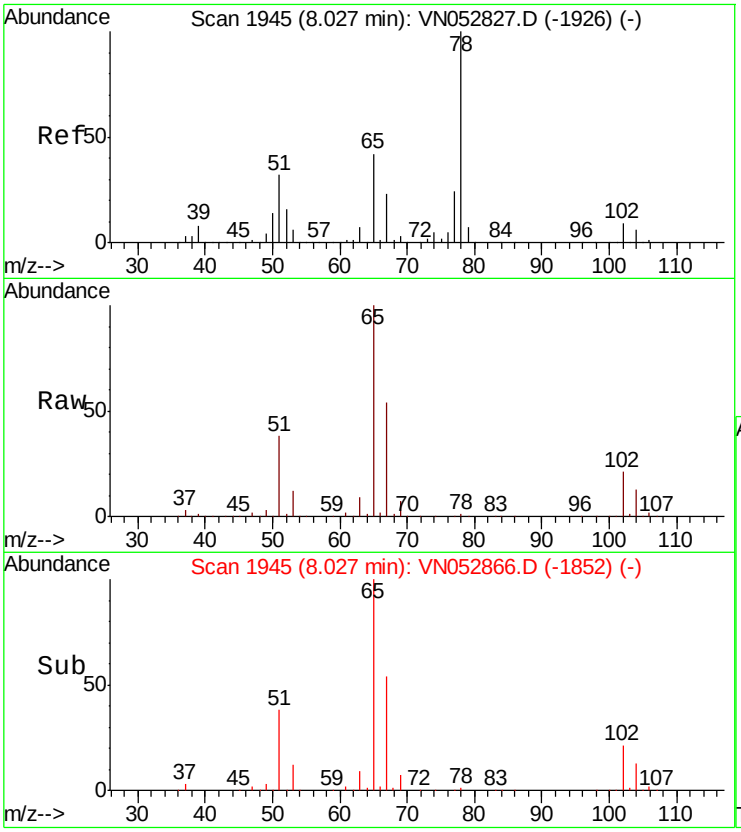


#31
Cyclohexane
Concen: 7.875 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

Tgt Ion: 56 Resp: 193104

Ion	Ratio	Lower	Upper
56	100		
69	44.5	26.6	39.8#
84	84.4	68.4	102.6



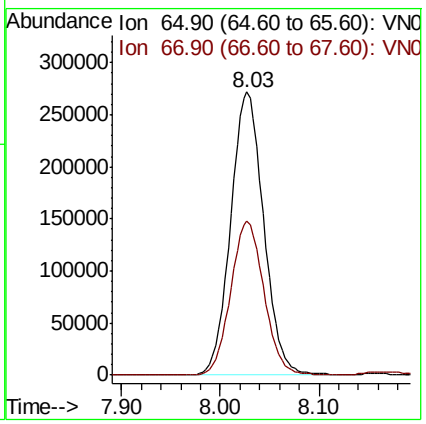


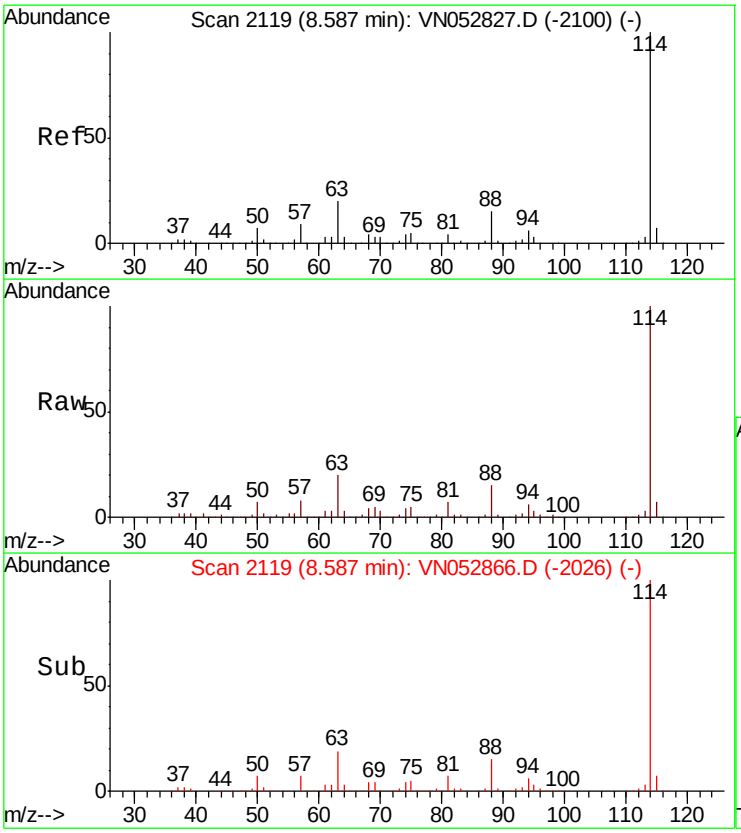
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

Instrument :
MSVOA_N
ClientSampleId :
056_BT-1-2DL

Tgt Ion: 65 Resp: 630600

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	110.4

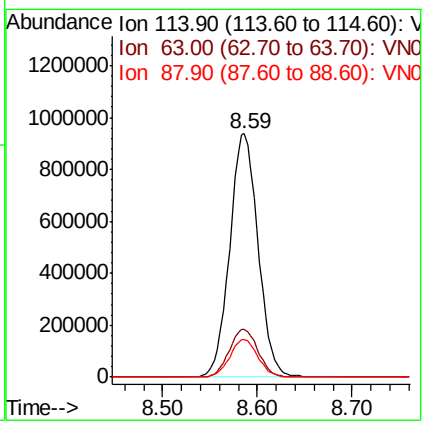


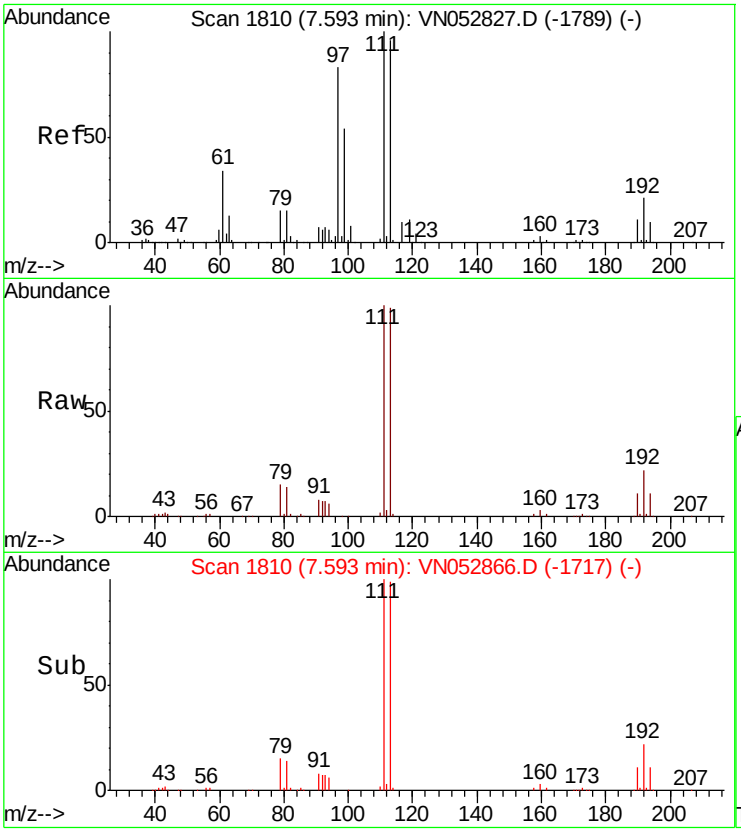


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

Tgt Ion:114 Resp: 1949780

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.8
88	15.4	0.0	31.0



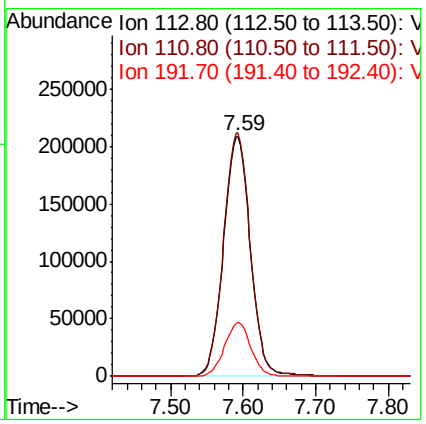


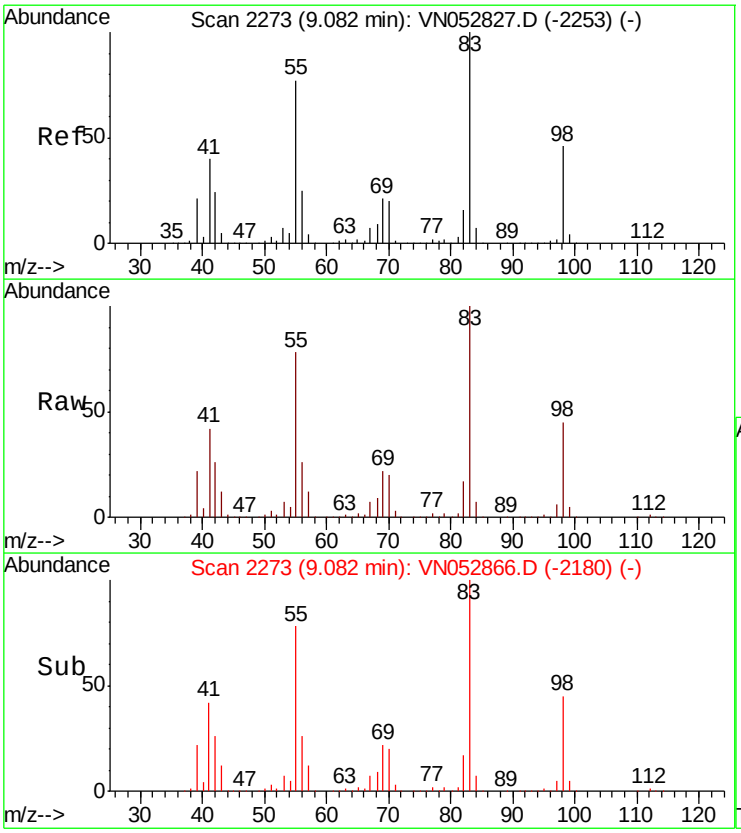
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

Instrument :
MSVOA_N
ClientSampleId :
056_BT-1-2DL

Tgt Ion:113 Resp: 537583

Ion	Ratio	Lower	Upper
113	100		
111	101.3	83.0	124.4
192	22.0	17.5	26.3

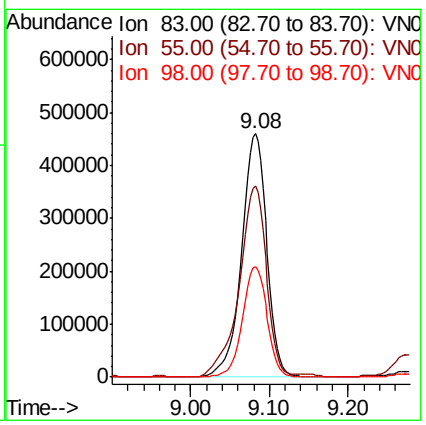


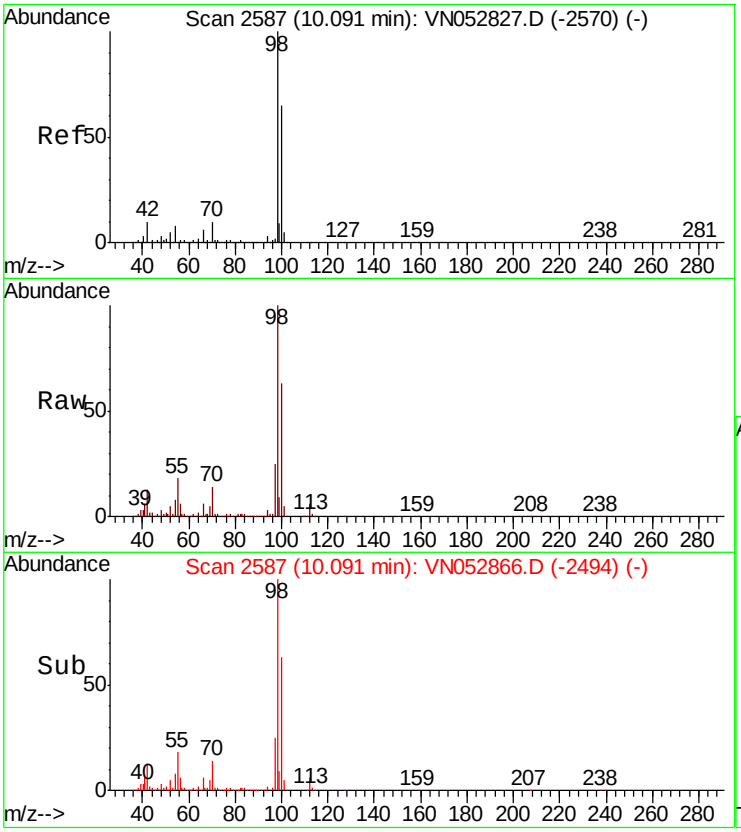


#39
Methylcyclohexane
Concen: 47.000 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

Tgt Ion: 83 Resp: 1035573

Ion	Ratio	Lower	Upper
83	100		
55	78.2	61.3	91.9
98	45.5	37.0	55.4



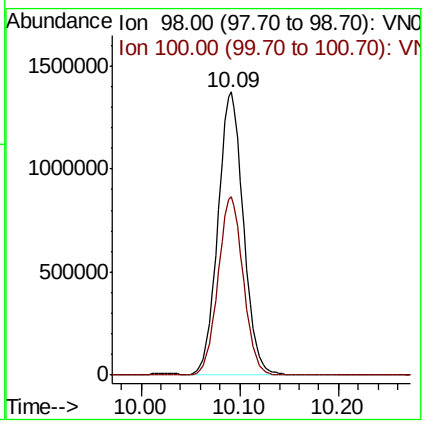


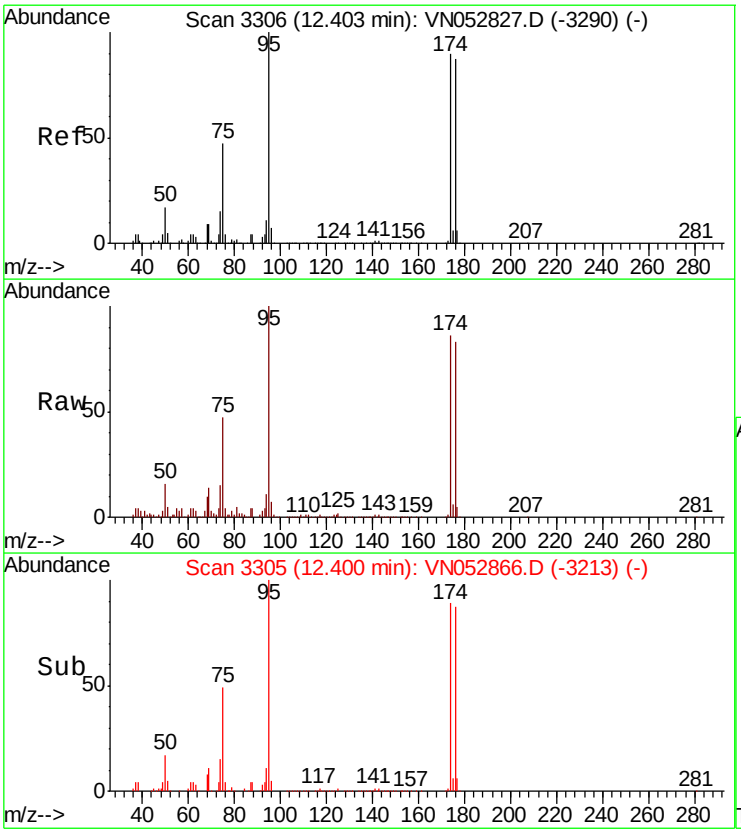
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

Instrument : MSVOA_N
ClientSampleId : 056_BT-1-2DL

Tgt Ion: 98 Resp: 2486707

Ion	Ratio	Lower	Upper
98	100		
100	62.4	51.6	77.4

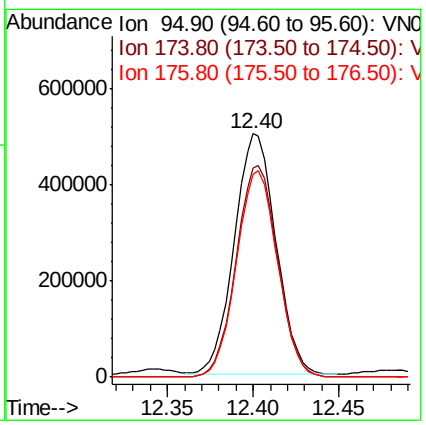


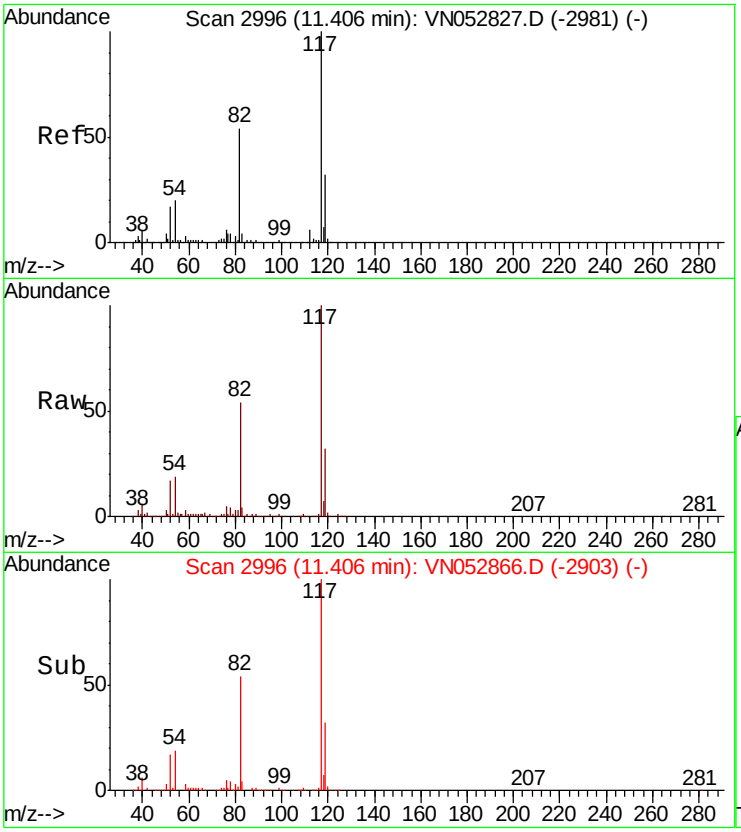


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

Tgt Ion: 95 Resp: 842971

Ion	Ratio	Lower	Upper
95	100		
174	87.3	0.0	178.8
176	84.5	0.0	173.8



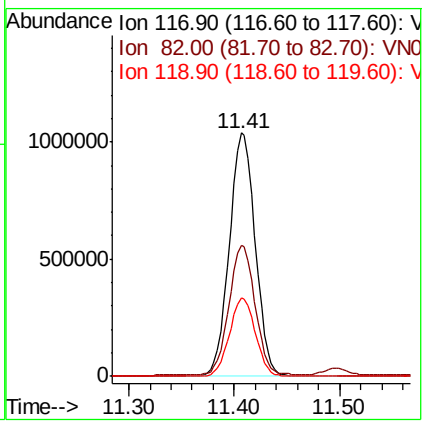


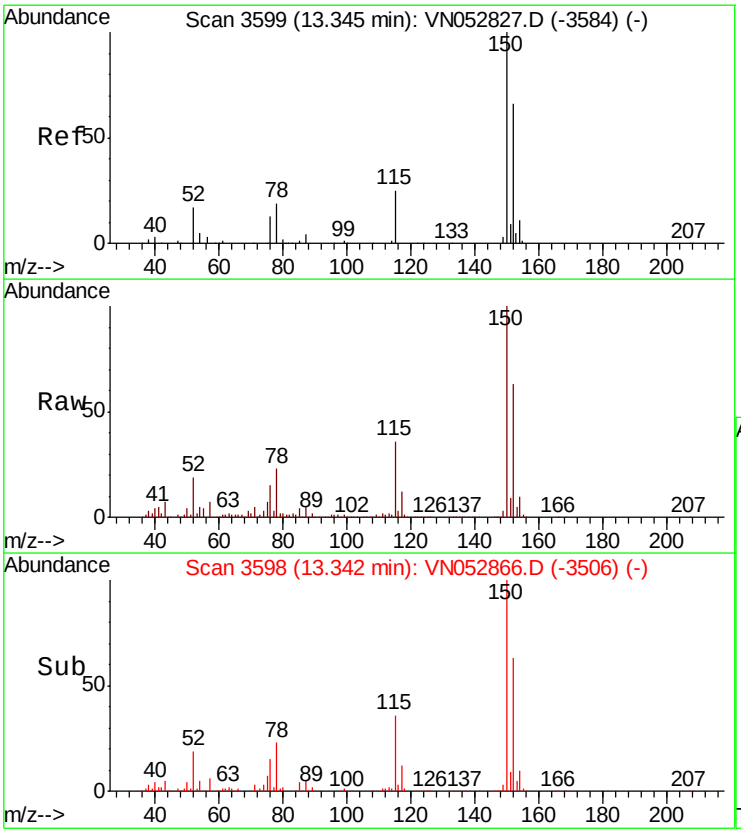
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

Instrument : MSVOA_N
ClientSampleId : 056_BT-1-2DL

Tgt Ion:117 Resp: 1764713

Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.8	64.2
119	32.0	25.5	38.3

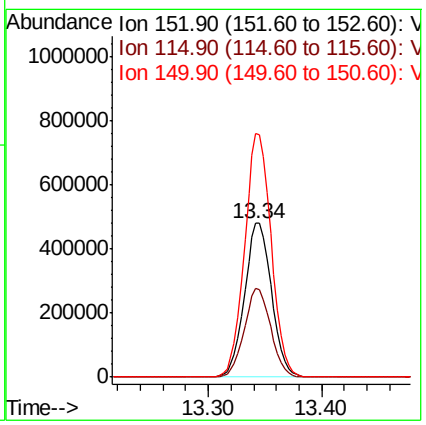


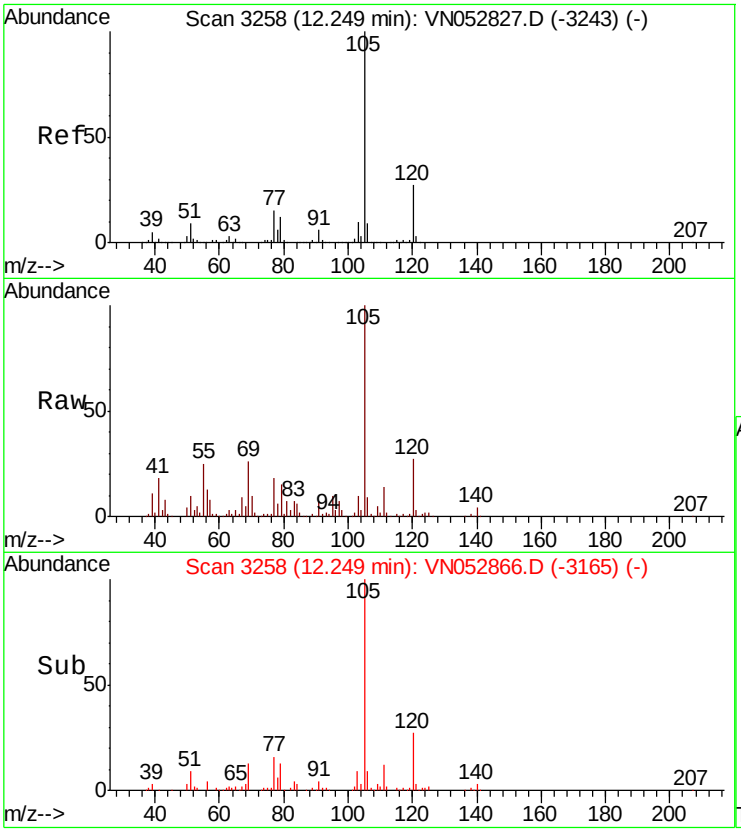


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

Tgt Ion:152 Resp: 791790

Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.3	85.0
150	155.8	0.0	347.8



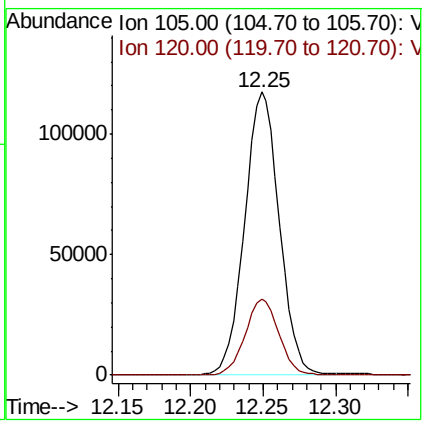


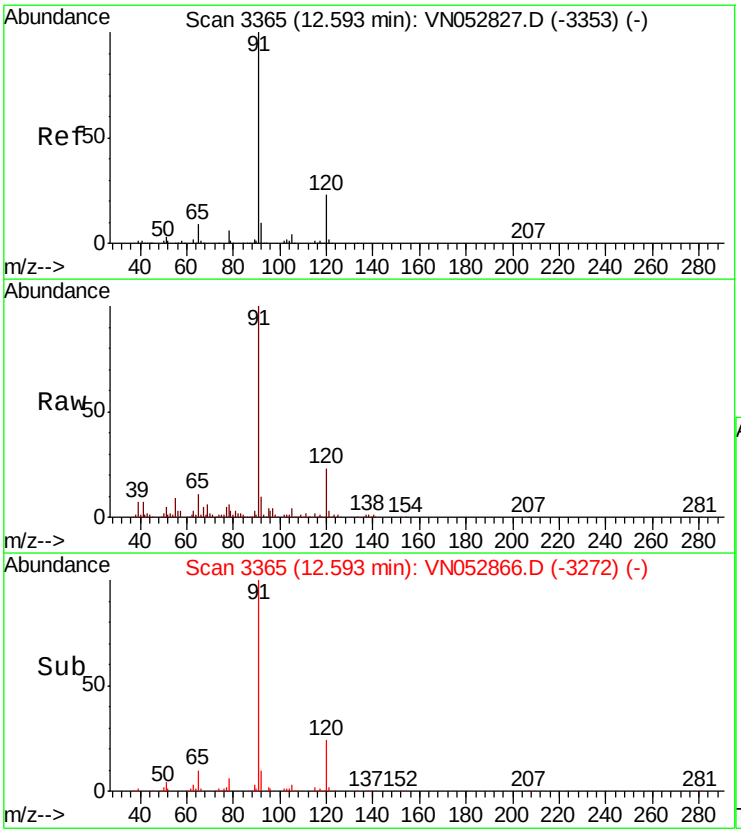
#73
Isopropylbenzene
Concen: 3.280 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

Instrument : MSVOA_N
ClientSampleId : 056_BT-1-2DL

Tgt Ion:105 Resp: 193891

Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.3	39.9

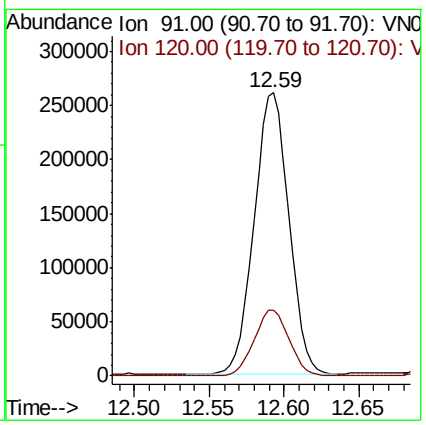


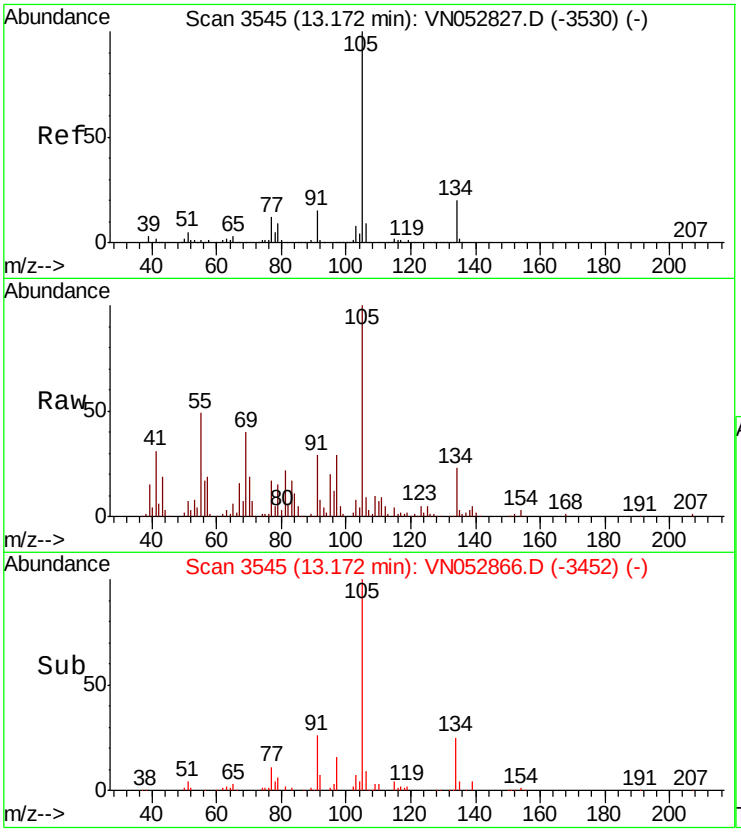


#78
n-propylbenzene
Concen: 6.240 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. -0.00 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

Tgt Ion: 91 Resp: 420709

Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.5	34.5



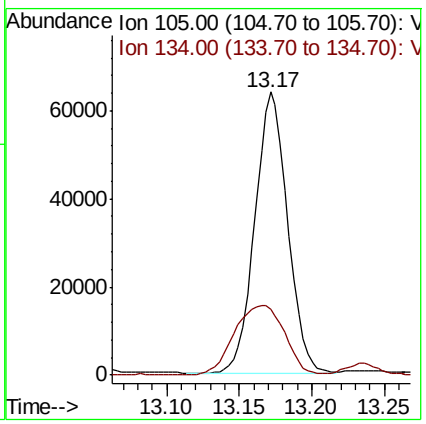


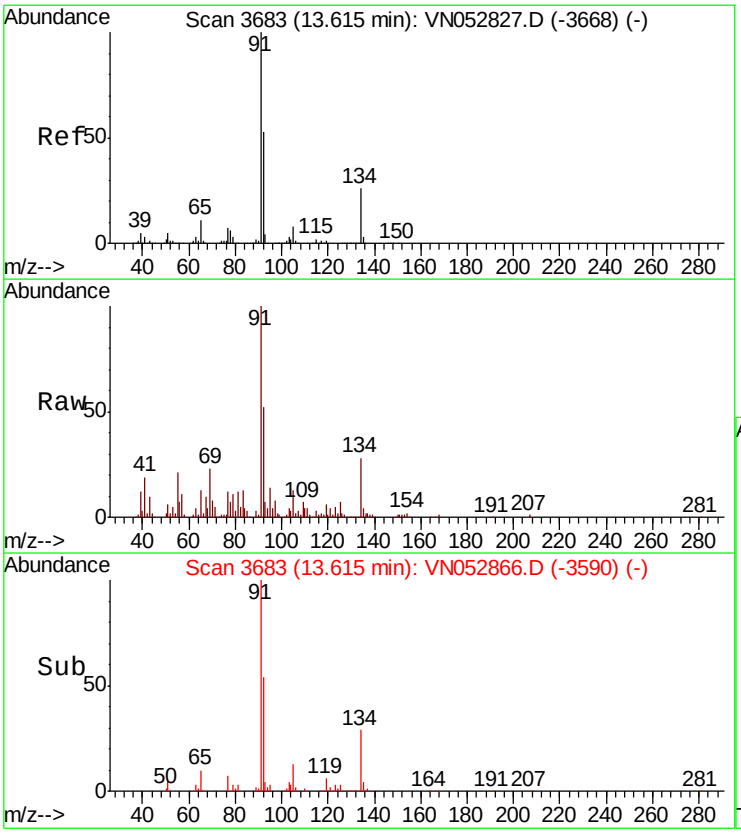
#85
sec-Butylbenzene
Concen: 1.769 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. -0.00 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

Instrument :
MSVOA_N
ClientSampleId :
056_BT-1-2DL

Tgt Ion:105 Resp: 100883

Ion	Ratio	Lower	Upper
105	100		
134	37.8	10.1	30.3#





#89
n-Butylbenzene
Concen: 3.661 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN052866.D
Acq: 13 Dec 2018 16:01

Tgt Ion: 91 Resp: 152213

Ion	Ratio	Lower	Upper
91	100		
92	46.0	26.3	78.9
134	0.0	13.3	39.8#