Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100618\
Data File : VN051704.D
Acq On : 5 Oct 2018 22:50
Operator : MD\SY
Sample : J5084-19
Misc : 6.76g/5.00mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 34 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
B-1A(12.5-13)

Manual Integrations
APPROVED
MMDadoda
10/8/2018 12:50:08 PM

Quant Time: Oct 06 02:31:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 05 02:22:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	587887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	855192	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	762546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	350735	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	354480	45.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.28%	
35) Dibromofluoromethane	7.59	113	327351	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
50) Toluene-d8	10.09	98	1211829	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
62) 4-Bromofluorobenzene	12.40	95	371941	42.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.20%	

Target Compounds						Qvalue
52) Toluene	10.16	92	76884	4.362	ug/l	98
67) Ethyl Benzene	11.51	91	72236	2.213	ug/l	97
68) m/p-Xylenes	11.62	106	106726	8.171	ug/l	99
69) o-Xylene	11.95	106	43554	3.400	ug/l	93
73) Isopropylbenzene	12.25	105	8614	0.288	ug/l	90
78) n-propylbenzene	12.59	91	33672	1.033	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	38528	1.529	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	166187	6.585	ug/l	100
89) n-Butylbenzene	13.62	91	10323m	0.493	ug/l	
95) Naphthalene	15.13	128	22162	1.821	ug/l	98

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

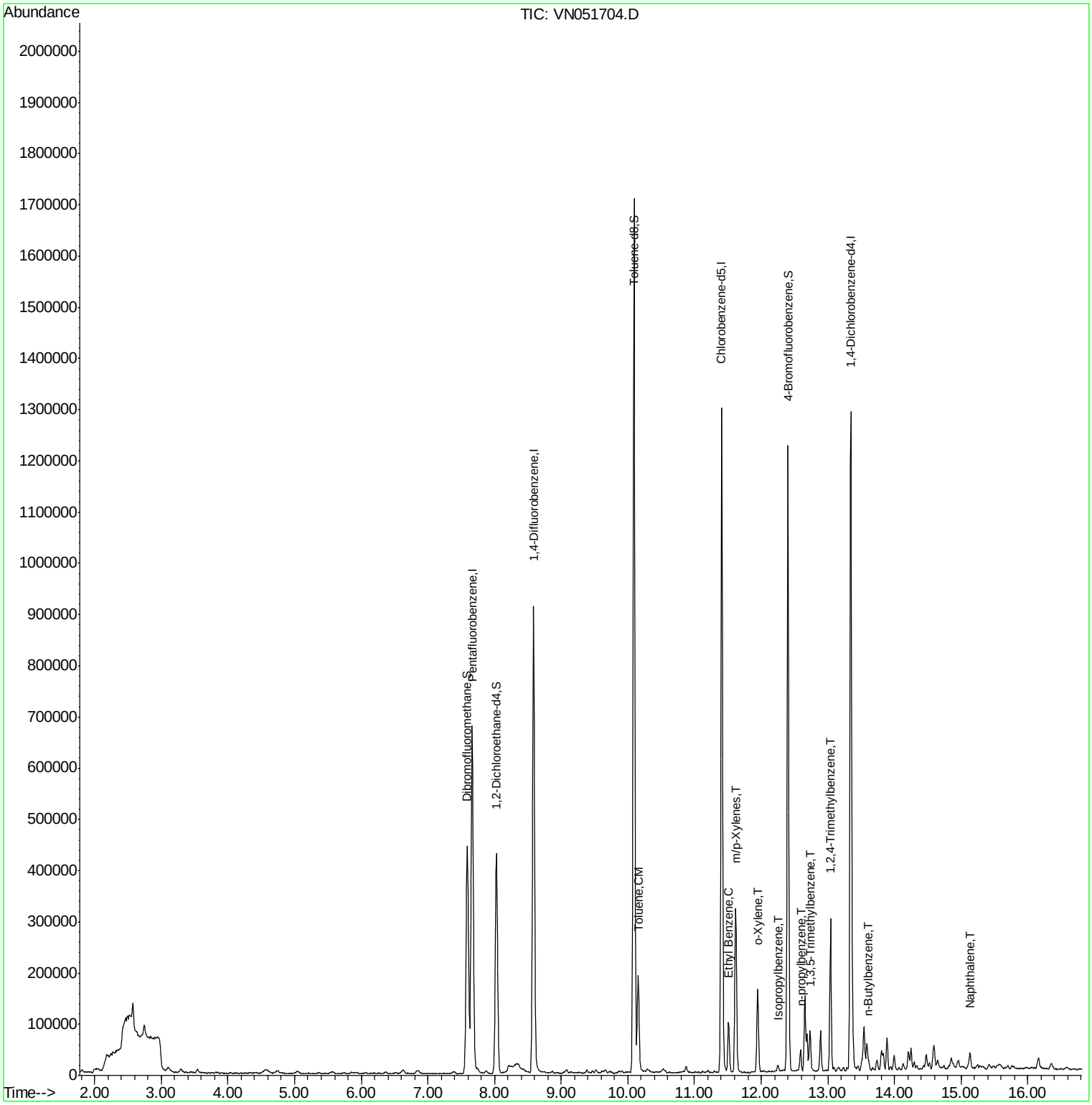
Quantitation Report (LSC Reviewed)

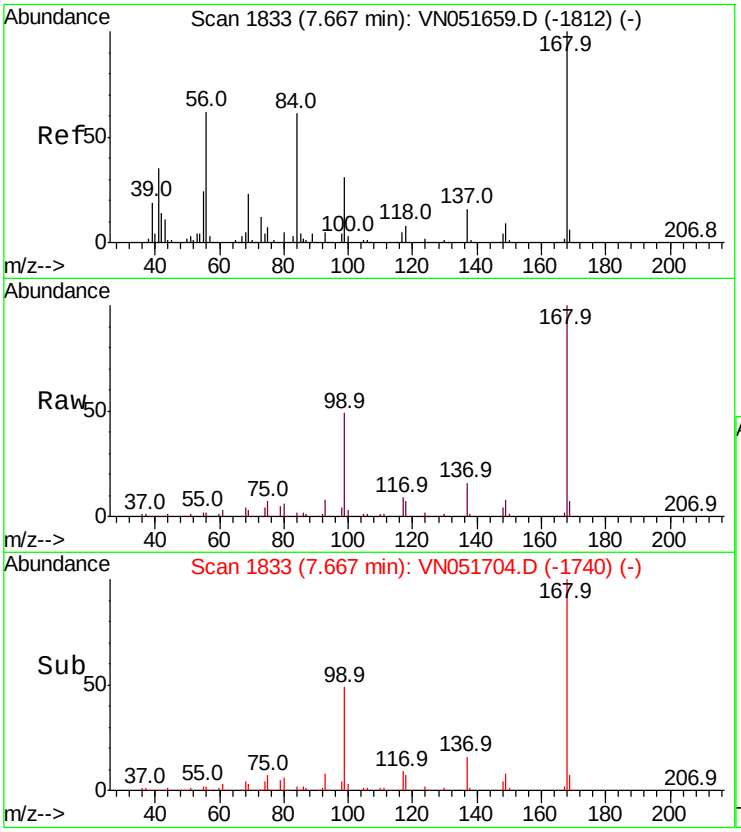
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100618\
Data File : VN051704.D
Acq On : 5 Oct 2018 22:50
Operator : MD\SY
Sample : J5084-19
Misc : 6.76g/5.00mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 34 Sample Multiplier: 28

Quant Time: Oct 06 02:31:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 05 02:22:33 2018
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
B-1A(12.5-13)

Manual Integrations APPROVED
MMDadoda
10/8/2018 12:50:08 PM





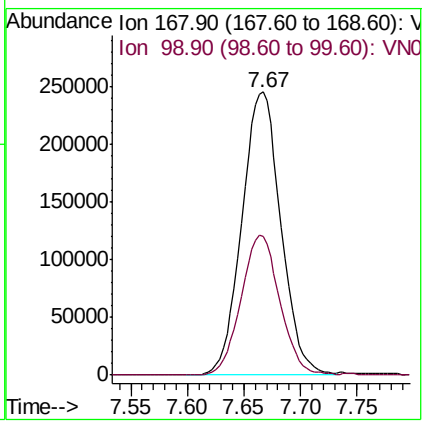
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN051704.D
Acq: 5 Oct 2018 22:50

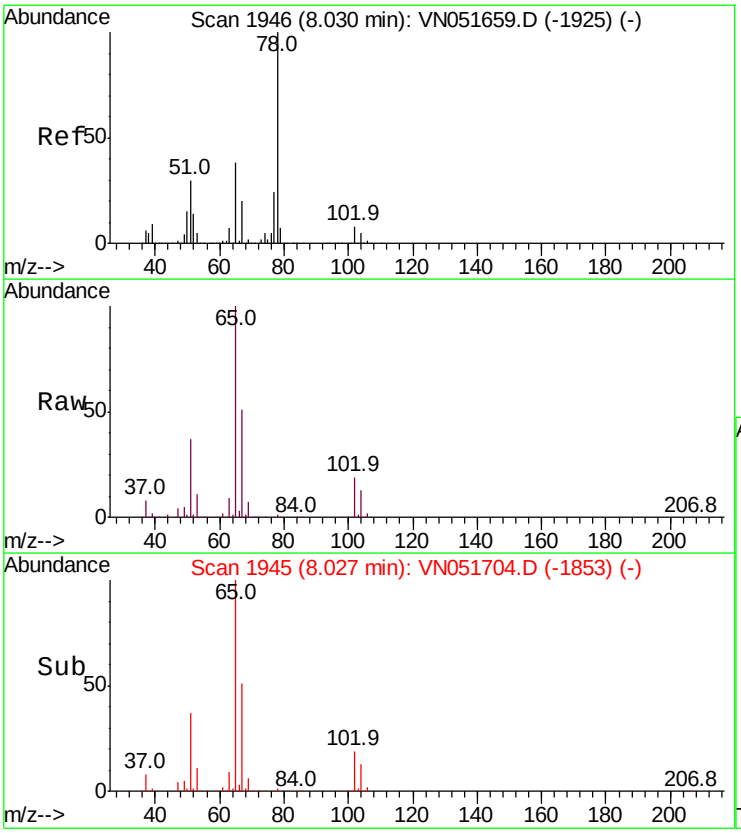
Tgt Ion:168 Resp: 587887

Ion	Ratio	Lower	Upper
168	100		
99	49.0	40.4	60.6

Instrument :
MSVOA_N
ClientSampleId :
B-1A(12.5-13)

Manual Integrations APPROVED
MMDadoda
10/8/2018 12:50:08 PM

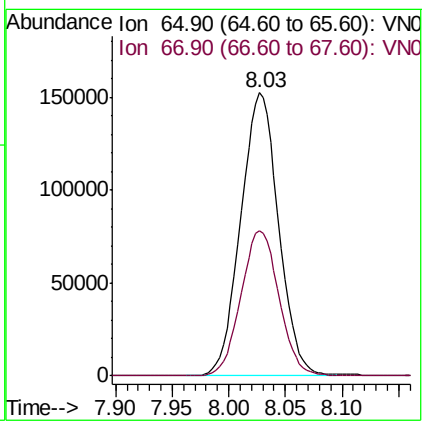


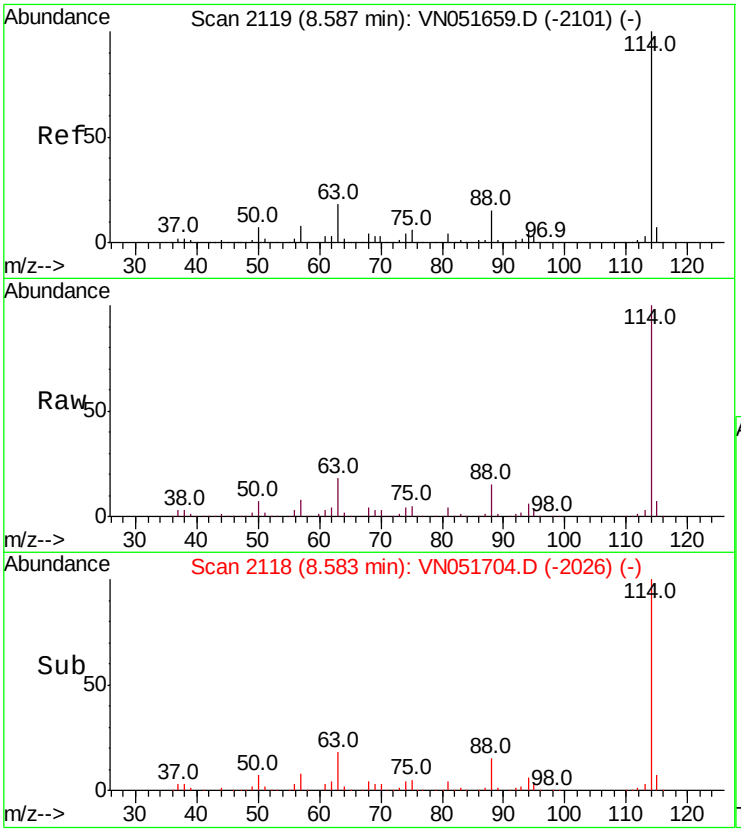


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN051704.D
Acq: 5 Oct 2018 22:50

Tgt Ion: 65 Resp: 354480

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.6





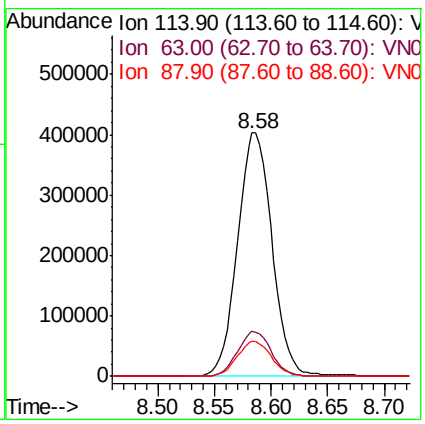
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN051704.D
Acq: 5 Oct 2018 22:50

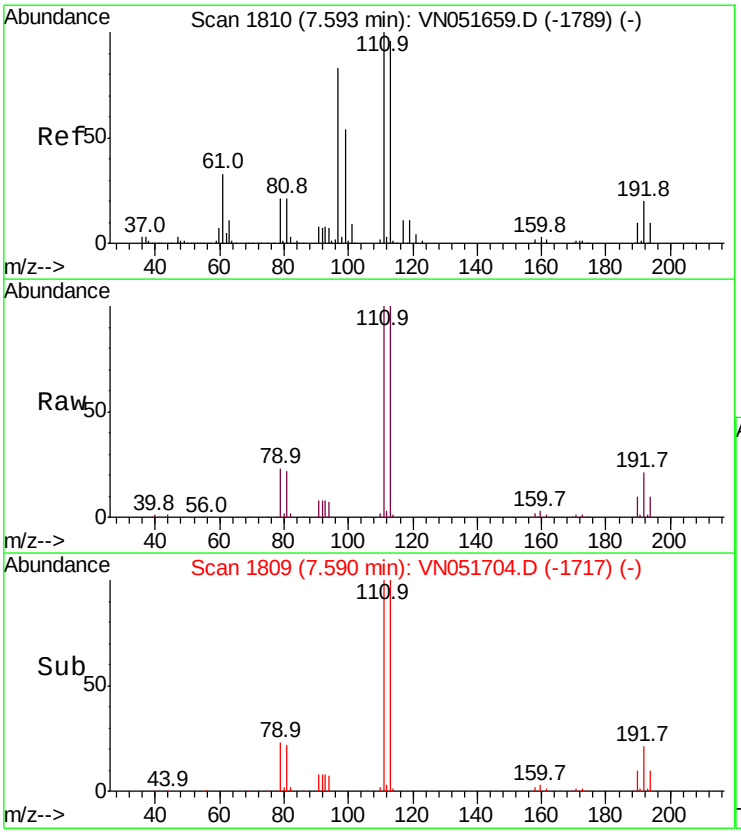
Tgt Ion:114 Resp: 855192

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	36.2
88	14.5	0.0	30.2

Instrument :
MSVOA_N
ClientSampleId :
B-1A(12.5-13)

Manual Integrations APPROVED
MMDadoda
10/8/2018 12:50:08 PM

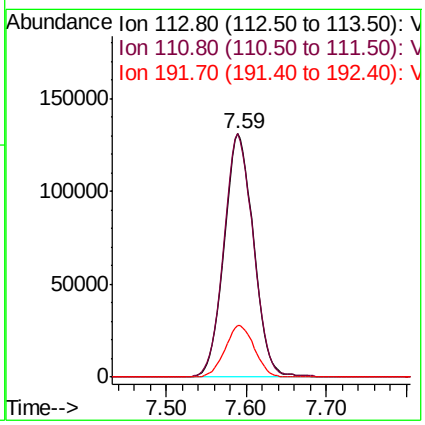


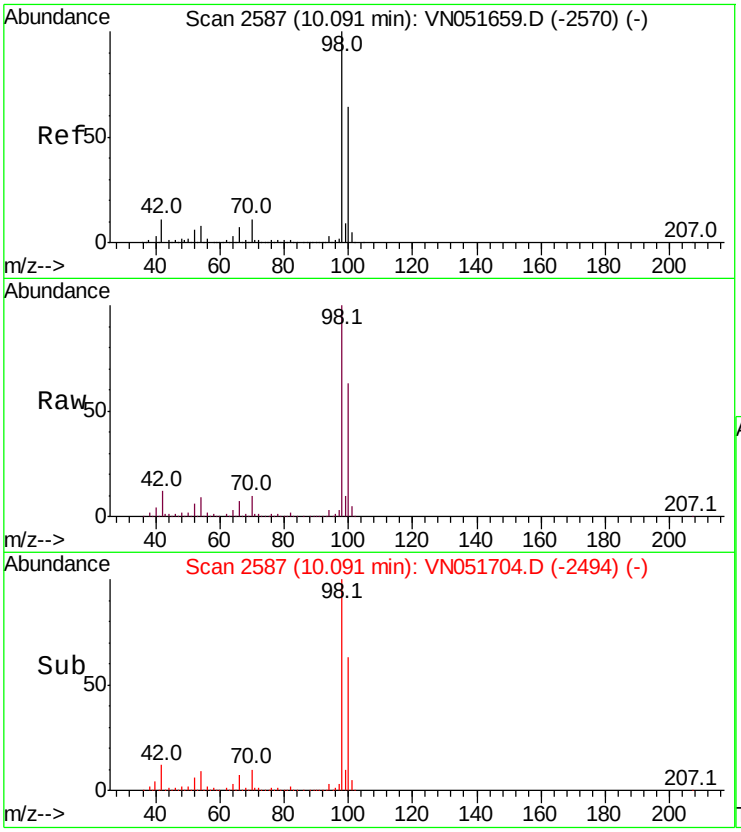


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN051704.D
Acq: 5 Oct 2018 22:50

Tgt Ion:113 Resp: 327351

Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.8	122.8
192	21.1	16.5	24.7





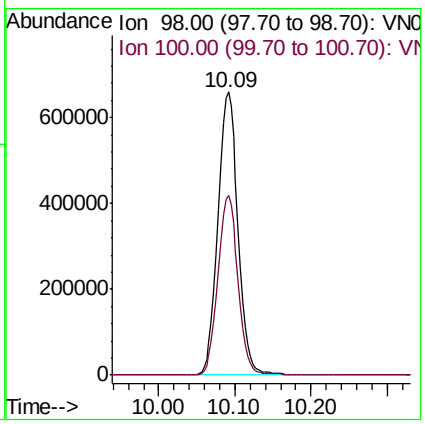
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051704.D
Acq: 5 Oct 2018 22:50

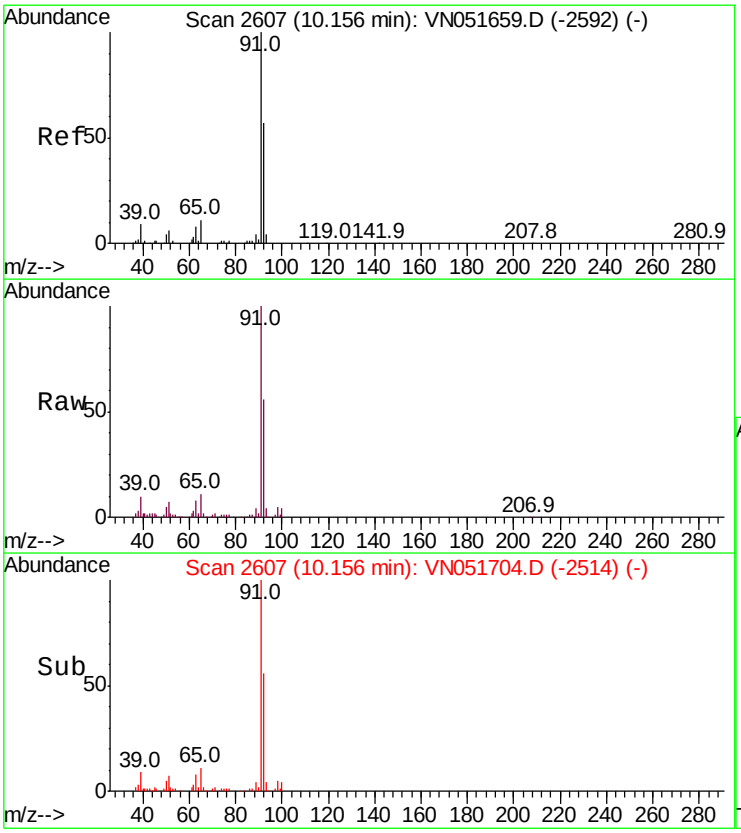
Tgt Ion: 98 Resp: 1211829

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.5	77.3

Instrument :
MSVOA_N
ClientSampleId :
B-1A(12.5-13)

Manual Integrations APPROVED
MMDadoda
10/8/2018 12:50:08 PM

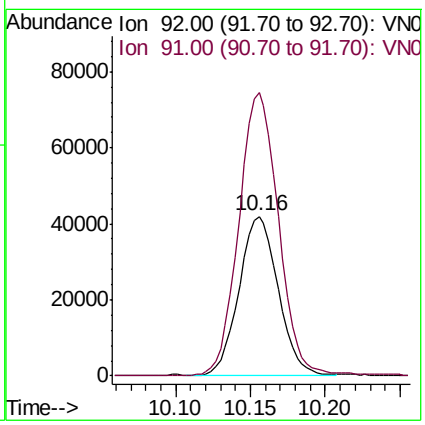


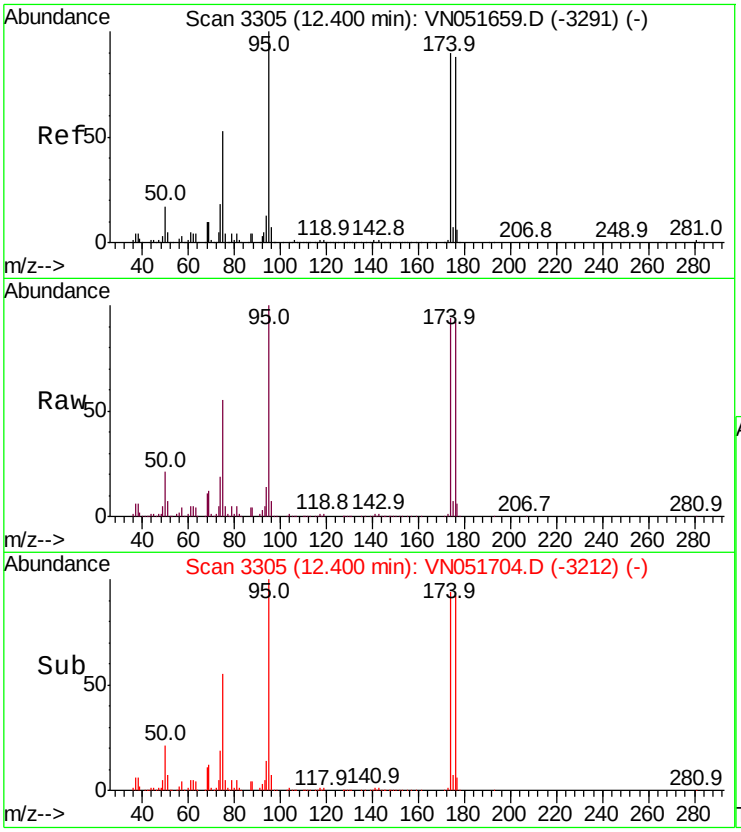


#52
Toluene
Concen: 4.362 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN051704.D
Acq: 5 Oct 2018 22:50

Tgt Ion: 92 Resp: 76884

Ion	Ratio	Lower	Upper
92	100		
91	177.7	140.3	210.5





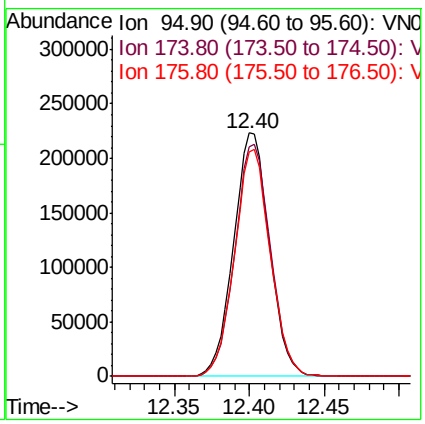
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051704.D
Acq: 5 Oct 2018 22:50

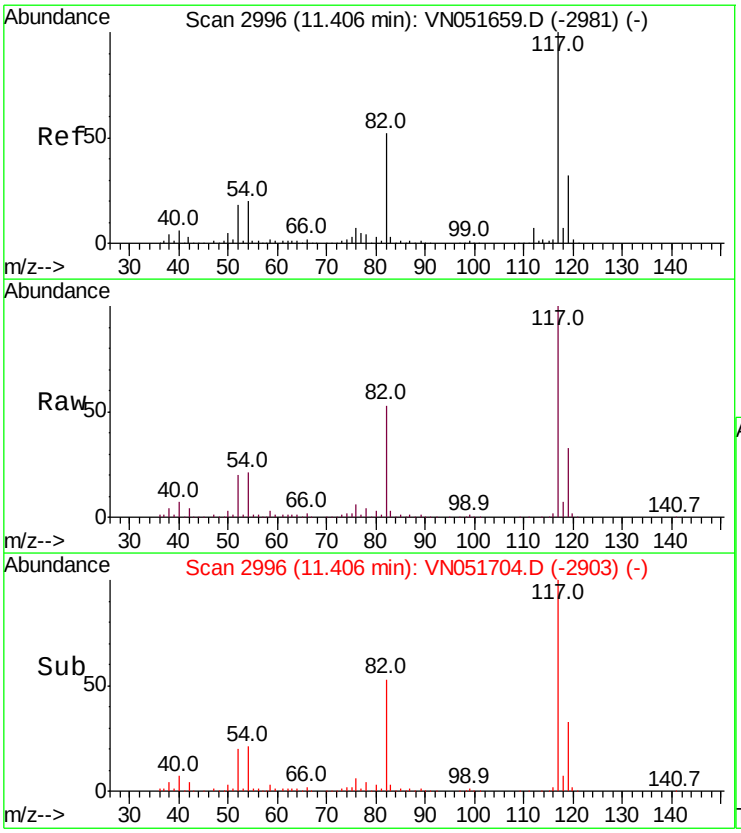
Instrument :
MSVOA_N
ClientSampleId :
B-1A(12.5-13)

Manual Integrations APPROVED
MMDadoda
10/8/2018 12:50:08 PM

Tgt Ion: 95 Resp: 371941

Ion	Ratio	Lower	Upper
95	100		
174	95.1	0.0	182.8
176	93.0	0.0	176.4

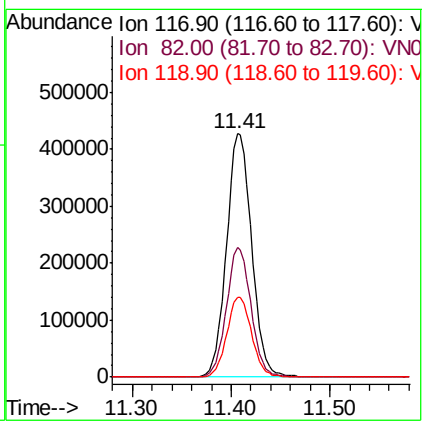


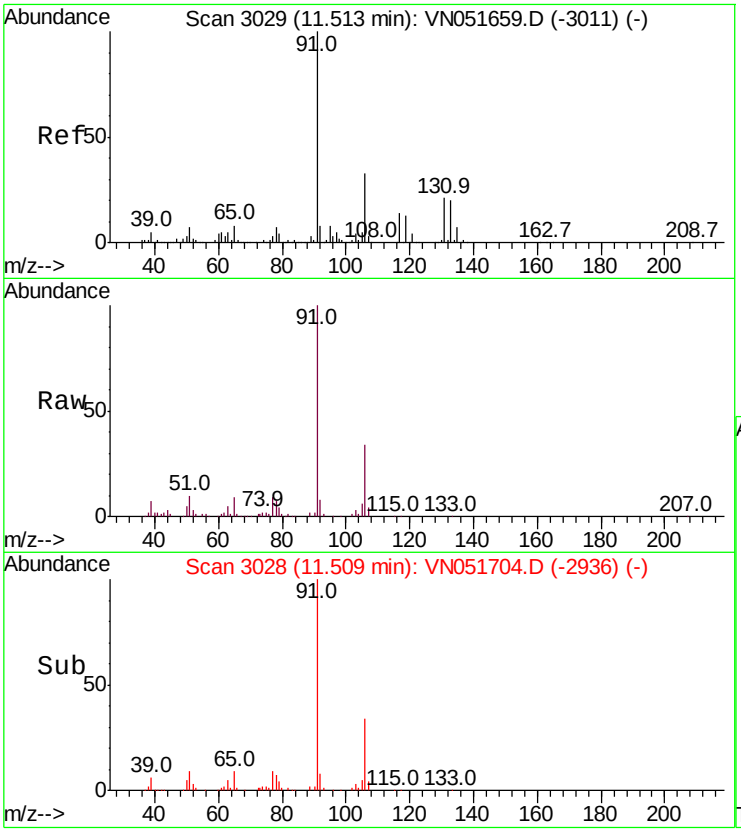


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051704.D
Acq: 5 Oct 2018 22:50

Tgt Ion:117 Resp: 762546

Ion	Ratio	Lower	Upper
117	100		
82	53.1	41.3	61.9
119	32.8	25.9	38.9





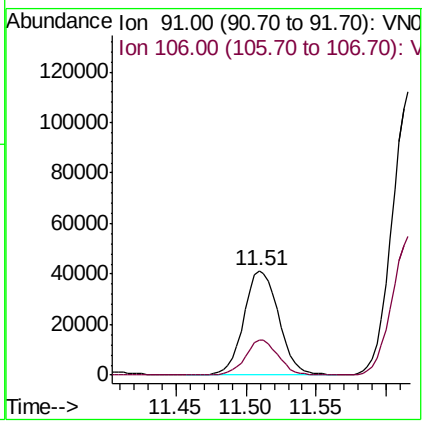
#67
Ethyl Benzene
Concen: 2.213 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051704.D
Acq: 5 Oct 2018 22:50

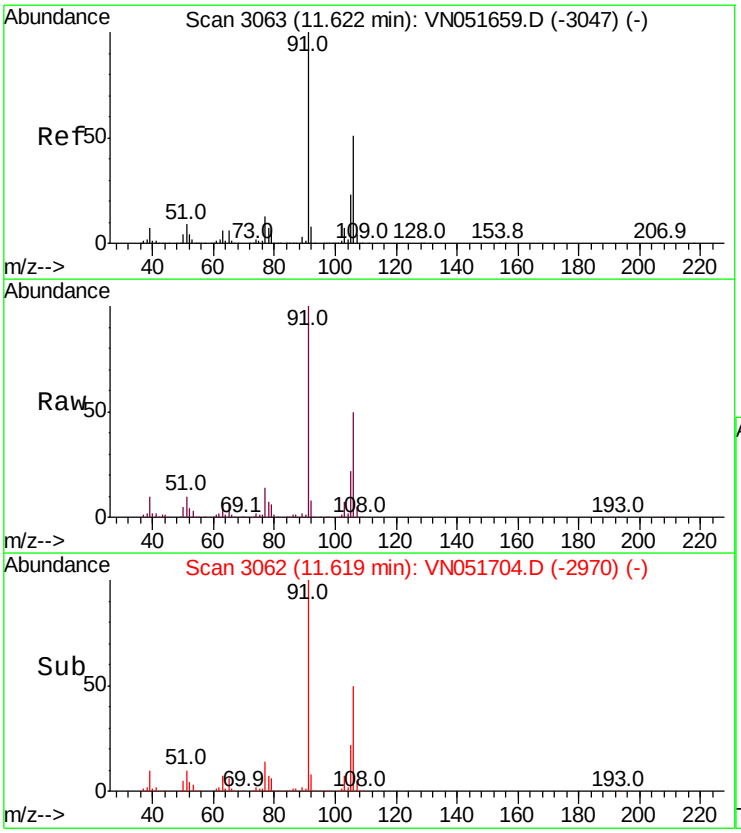
Tgt Ion: 91 Resp: 72236

Ion	Ratio	Lower	Upper
91	100		
106	34.1	26.0	39.0

Instrument :
MSVOA_N
ClientSampleId :
B-1A(12.5-13)

Manual Integrations APPROVED
MMDadoda
10/8/2018 12:50:08 PM

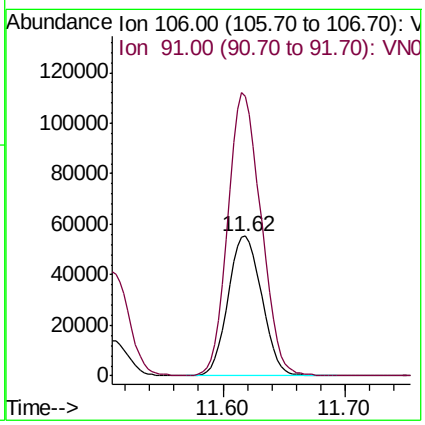


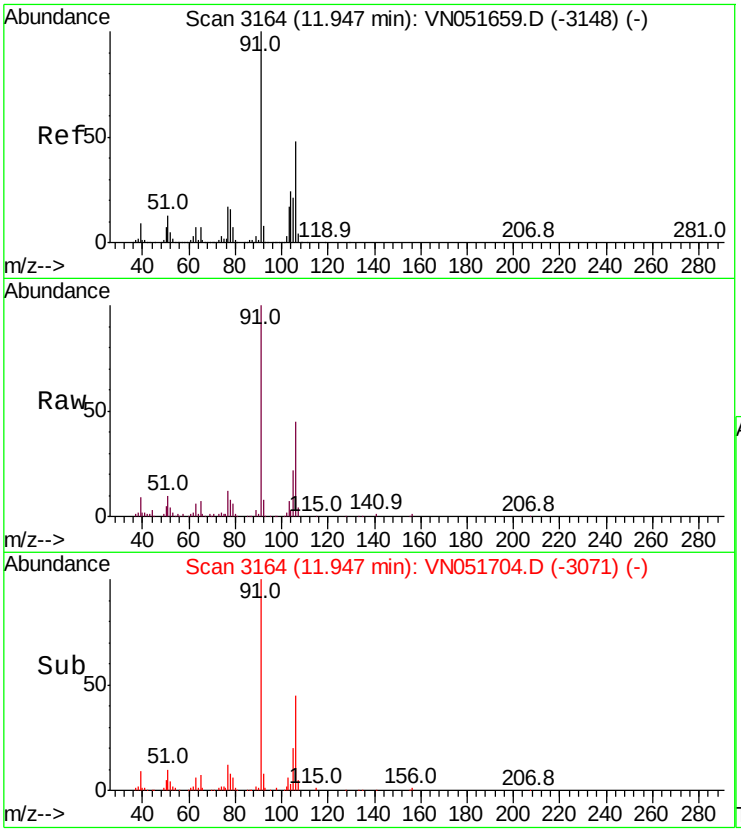


#68
m/p-Xylenes
Concen: 8.171 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051704.D
Acq: 5 Oct 2018 22:50

Tgt Ion:106 Resp: 106726

Ion	Ratio	Lower	Upper
106	100		
91	199.3	158.4	237.6





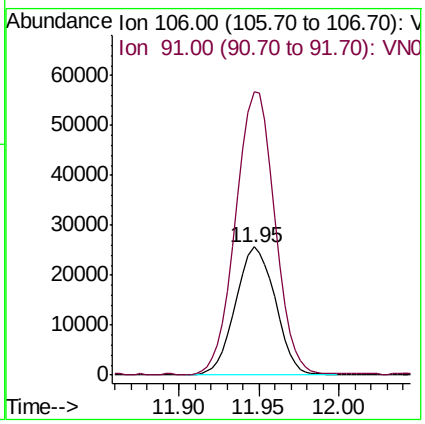
#69
o-Xylene
Concen: 3.400 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051704.D
Acq: 5 Oct 2018 22:50

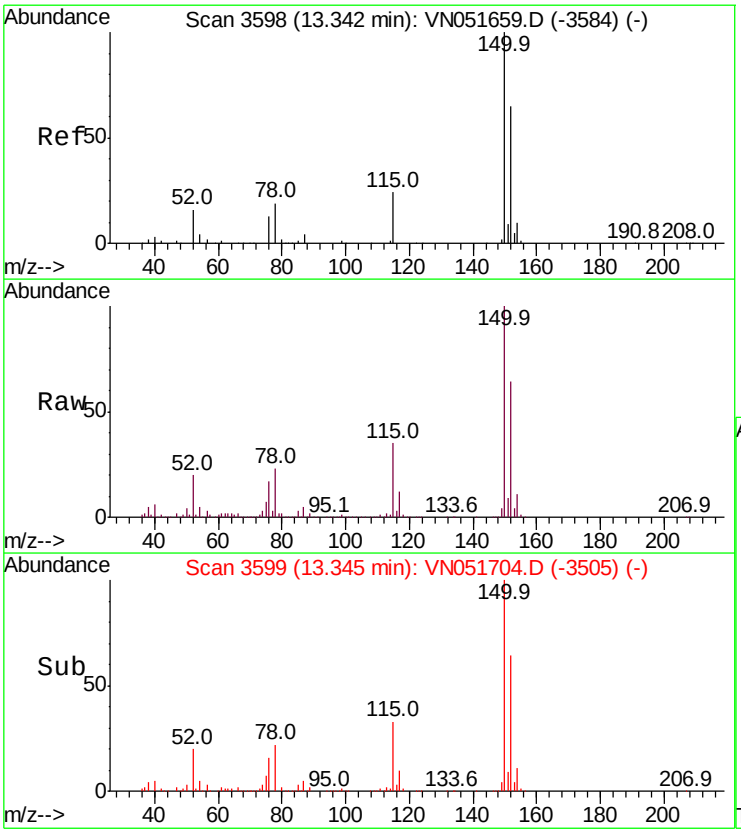
Tgt Ion:106 Resp: 43554

Ion	Ratio	Lower	Upper
106	100		
91	219.8	104.4	313.2

Instrument :
MSVOA_N
ClientSampleId :
B-1A(12.5-13)

Manual Integrations APPROVED
MMDadoda
10/8/2018 12:50:08 PM

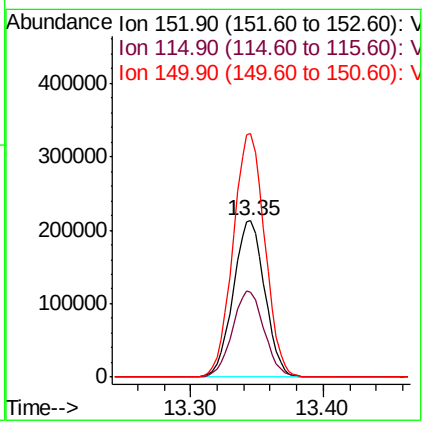


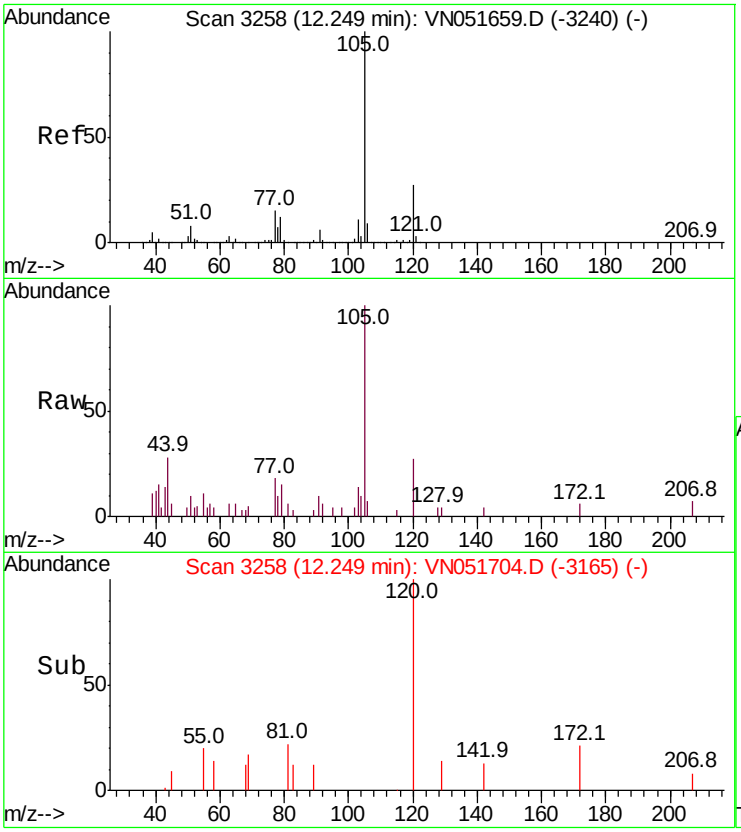


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051704.D
Acq: 5 Oct 2018 22:50

Tgt Ion:152 Resp: 350735

Ion	Ratio	Lower	Upper
152	100		
115	55.0	28.6	85.8
150	157.3	0.0	352.4





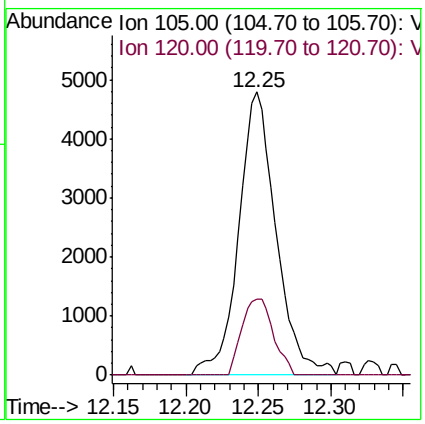
#73
Isopropylbenzene
Concen: 0.288 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN051704.D
Acq: 5 Oct 2018 22:50

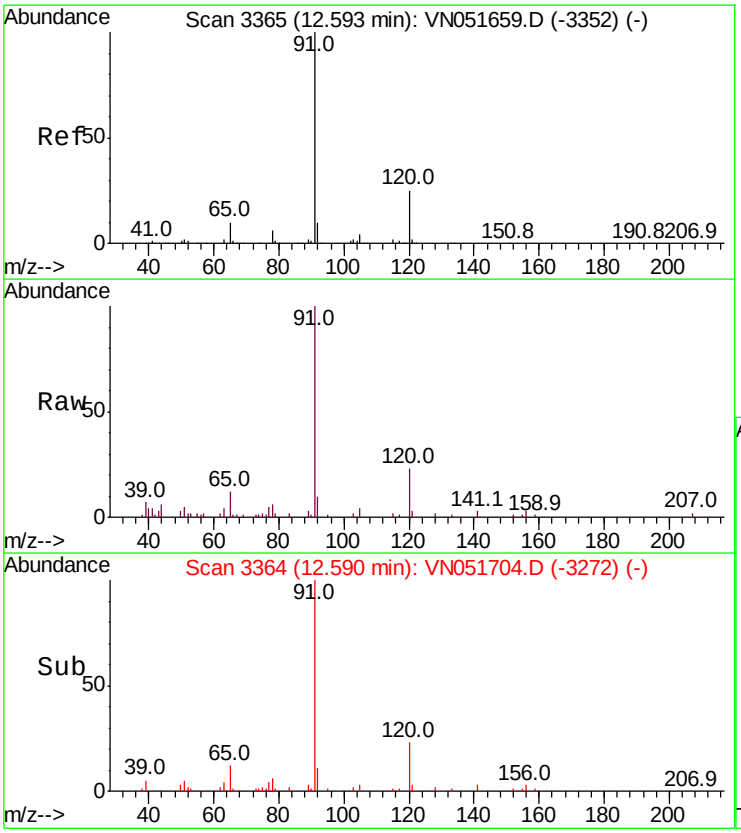
Tgt Ion:105 Resp: 8614

Ion	Ratio	Lower	Upper
105	100		
120	22.7	13.9	41.6

Instrument :
MSVOA_N
ClientSampleId :
B-1A(12.5-13)

Manual Integrations APPROVED
MMDadoda
10/8/2018 12:50:08 PM

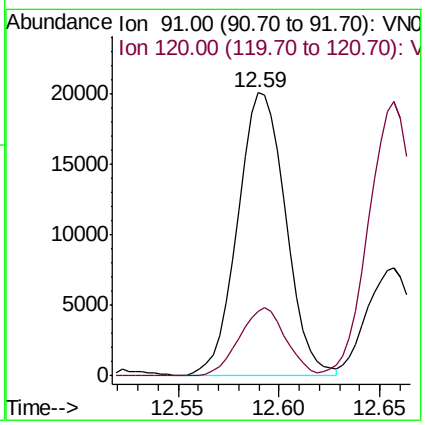


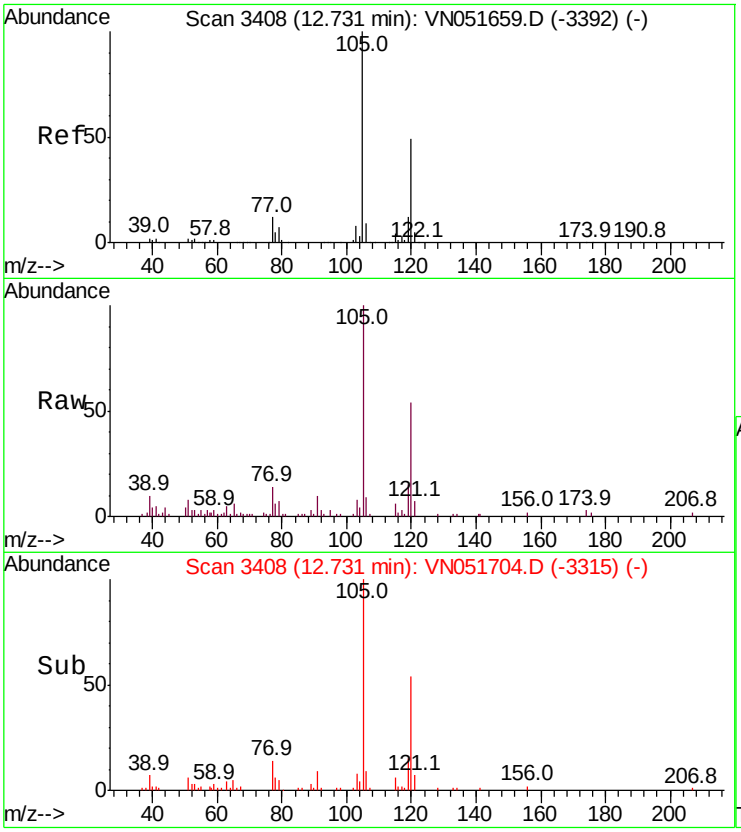


#78
n-propylbenzene
Concen: 1.033 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN051704.D
Acq: 5 Oct 2018 22:50

Tgt Ion: 91 Resp: 33672

Ion	Ratio	Lower	Upper
91	100		
120	23.2	12.4	37.2





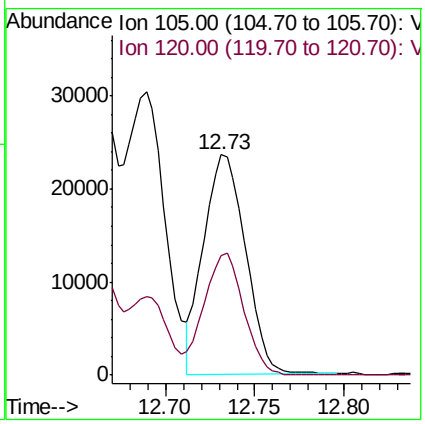
#80
1,3,5-Trimethylbenzene
Concen: 1.529 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN051704.D
Acq: 5 Oct 2018 22:50

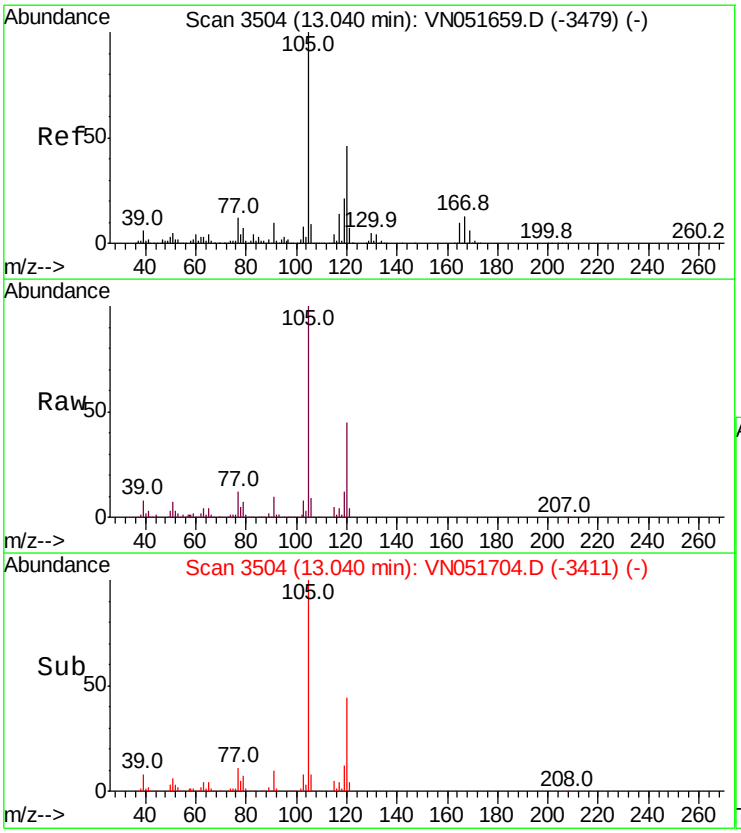
Tgt Ion:105 Resp: 38528

Ion	Ratio	Lower	Upper
105	100		
120	53.0	24.6	74.0

Instrument :
MSVOA_N
ClientSampleId :
B-1A(12.5-13)

Manual Integrations APPROVED
MMDadoda
10/8/2018 12:50:08 PM

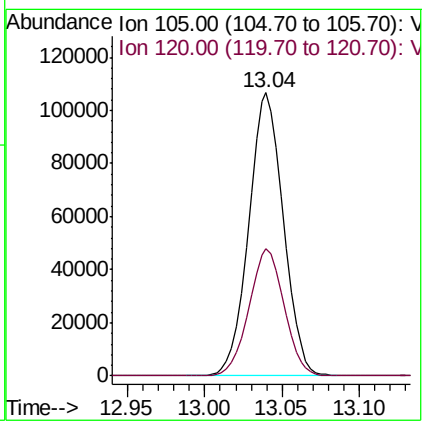


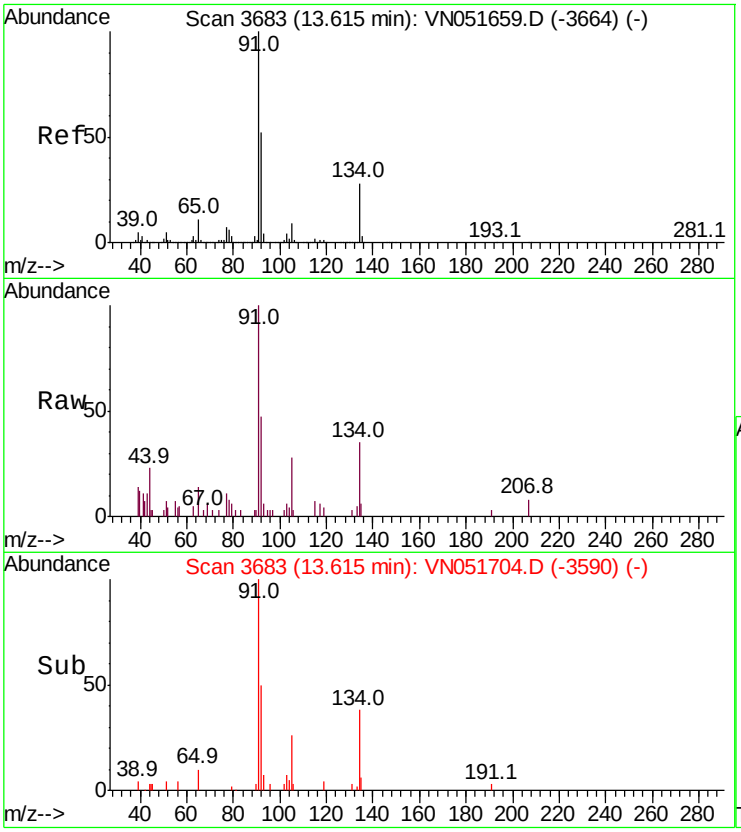


#84
1,2,4-Trimethylbenzene
Concen: 6.585 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN051704.D
Acq: 5 Oct 2018 22:50

Tgt Ion:105 Resp: 166187

Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.9	68.7





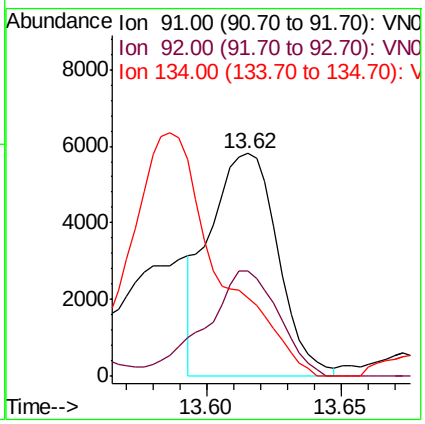
#89
n-Butylbenzene
Concen: 0.493 ug/l m
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN051704.D
Acq: 5 Oct 2018 22:50

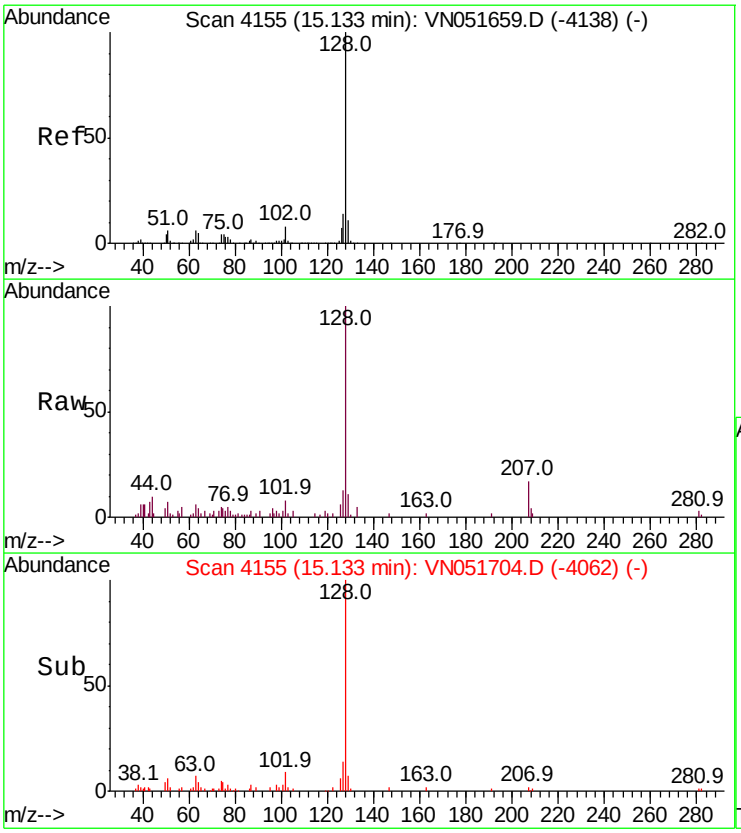
Tgt Ion: 91 Resp: 10323

Ion	Ratio	Lower	Upper
91	100		
92	50.1	26.0	78.0
134	0.0	14.2	42.6#

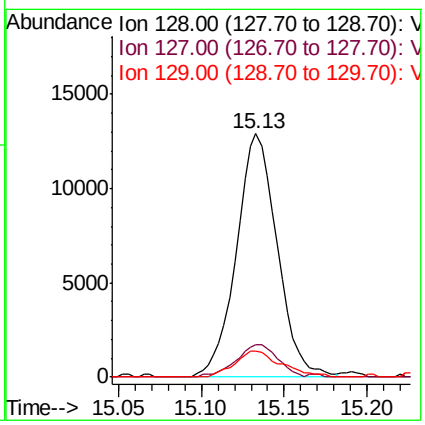
Instrument :
MSVOA_N
ClientSampleId :
B-1A(12.5-13)

Manual Integrations APPROVED
MMDadoda
10/8/2018 12:50:08 PM





#95
Naphthalene
Concen: 1.821 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051704.D
Acq: 5 Oct 2018 22:50

Tgt Ion:128 Resp: 22162

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	15.8
129	12.2	9.0	13.6