Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122118\
Data File : VN053114.D
Acq On : 21 Dec 2018 20:42
Operator : MD\SY
Sample : J6392-07MEDL 10X
Misc : 5.78g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 24 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
KY001SB103-121118-(23-25)MEDL

Manual Integrations APPROVED
MMDadoda
12/22/2018 10:49:39 AM

Quant Time: Dec 22 10:45:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1230291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1880947	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1708368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	777929	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	609770	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.68%			
35) Dibromofluoromethane	7.59	113	489150	56.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.86%			
50) Toluene-d8	10.09	98	2315339	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.40%			
62) 4-Bromofluorobenzene	12.40	95	814814	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.64%			
Target Compounds						Qvalue
39) Methylcyclohexane	9.08	83	97186	4.431	ug/l	91
67) Ethyl Benzene	11.51	91	1330510	20.430	ug/l	100
68) m/p-Xylenes	11.63	106	322377	13.021	ug/l	100
69) o-Xylene	11.95	106	24727	1.041	ug/l	98
73) Isopropylbenzene	12.25	105	392061	6.441	ug/l	100
78) n-propylbenzene	12.59	91	1191161	17.183	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1303123	26.267	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	4464933	89.526	ug/l	100
85) sec-Butylbenzene	13.17	105	133989m	2.258	ug/l	
86) p-Isopropyltoluene	13.29	119	56622m	1.104	ug/l	
89) n-Butylbenzene	13.62	91	234231	5.309	ug/l #	73
95) Naphthalene	15.14	128	486000	16.672	ug/l	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122118\
Data File : VN053114.D
Acq On : 21 Dec 2018 20:42
Operator : MD\SY
Sample : J6392-07MEDL 10X
Misc : 5.78g/5mL/100uL/5.00mL/MSVOA_N/MEOH
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
KY001SB103-121118-(23-25)MEDL

Manual Integrations APPROVED
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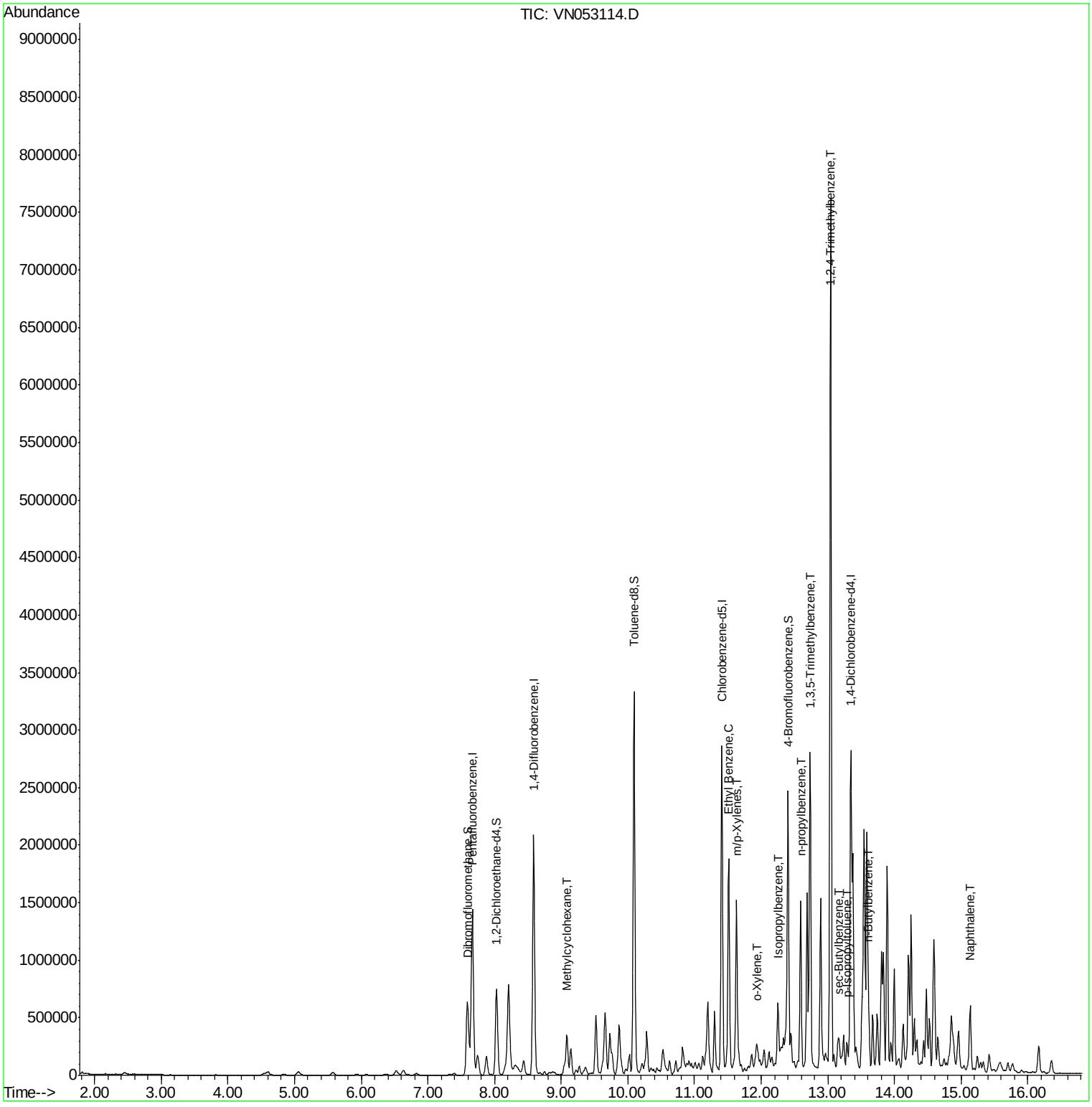
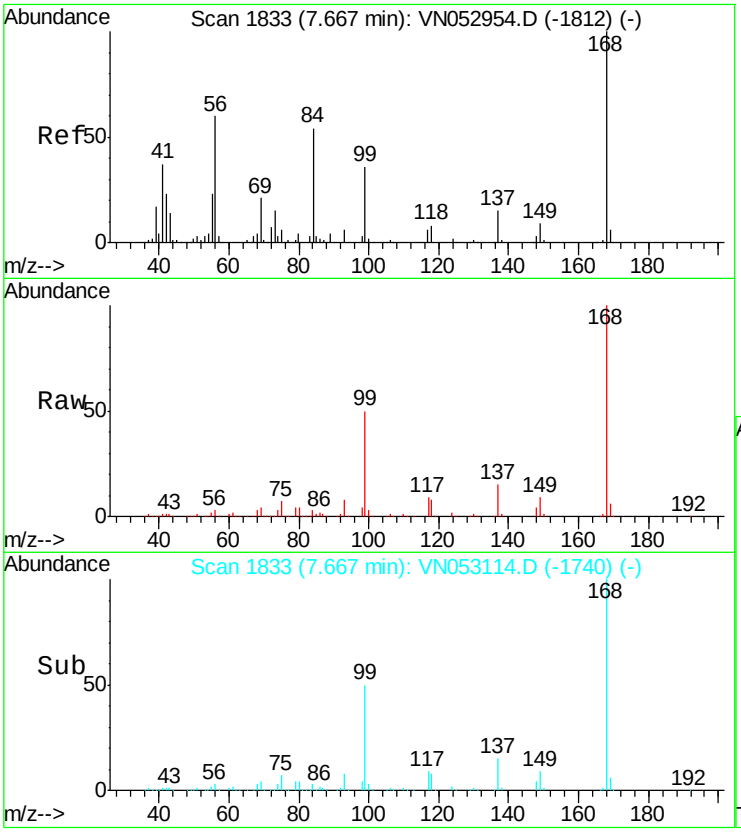
12/22/2018 10:49:39 AM

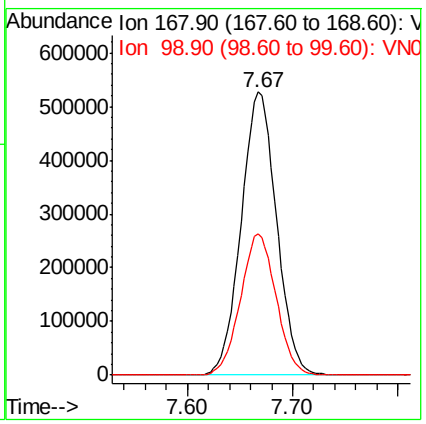




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN053114.D
Acq: 21 Dec 2018 20:42

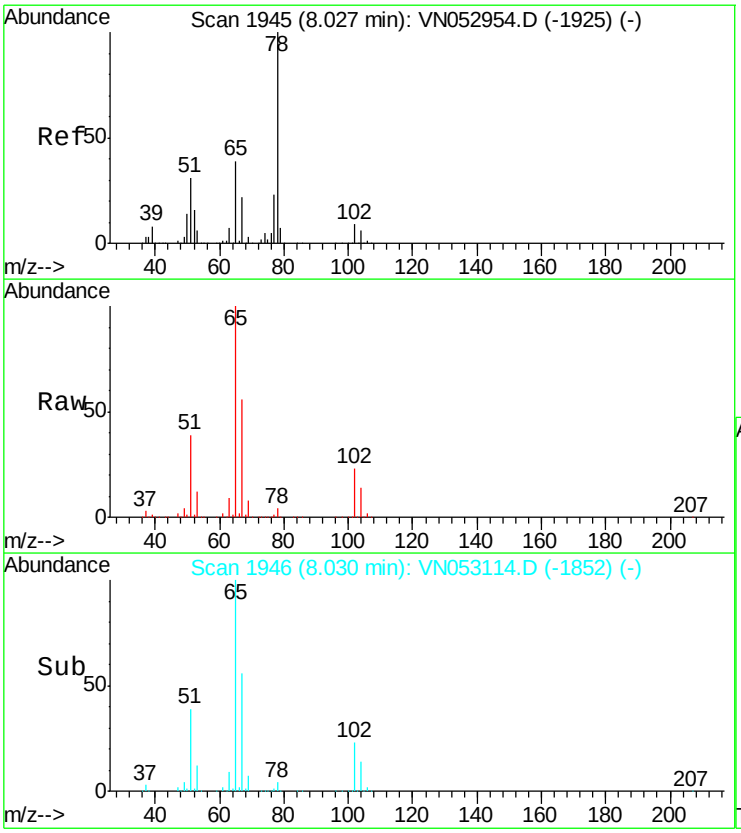
Tgt Ion:168 Resp: 1230291

Ion	Ratio	Lower	Upper
168	100		
99	49.9	40.2	60.2



Instrument :
MSVOA_N
ClientSampleId :
KY001SB103-121118-(23-25)MEDL

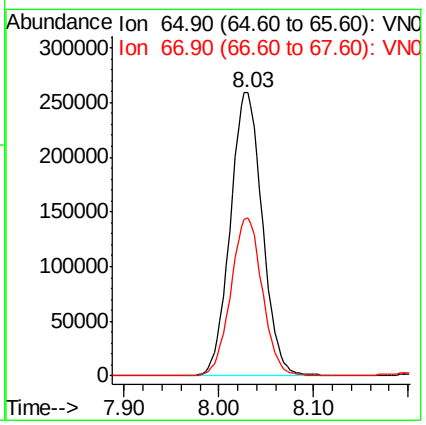
Manual Integrations APPROVED
MMDadoda
12/22/2018 10:49:39 AM

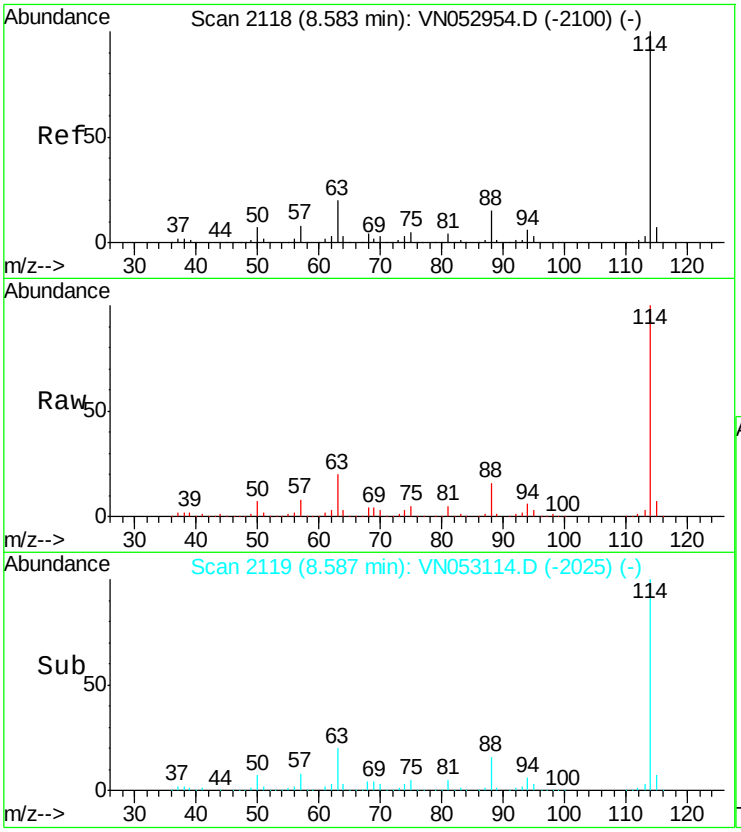


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN053114.D
Acq: 21 Dec 2018 20:42

Tgt Ion: 65 Resp: 609770

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	110.4

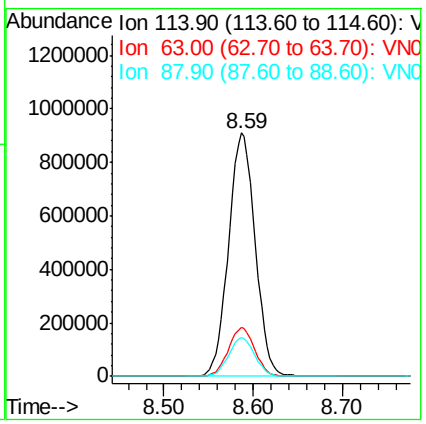




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053114.D
Acq: 21 Dec 2018 20:42

Tgt Ion:114 Resp: 1880947

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.8
88	15.7	0.0	31.0



Instrument :
MSVOA_N
ClientSampleId :
KY001SB103-121118-(23-25)MEDL

Manual Integrations APPROVED
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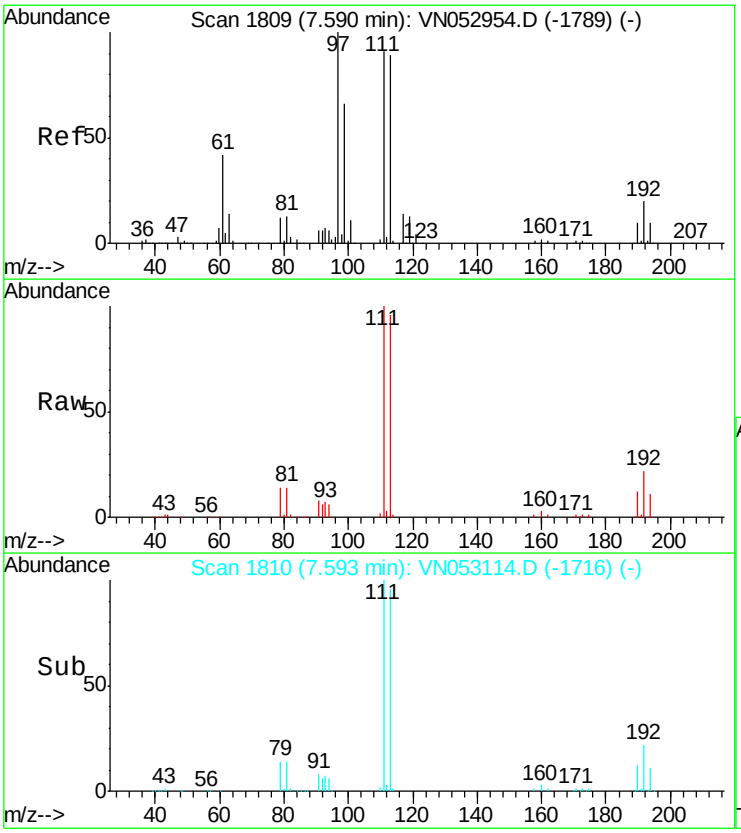
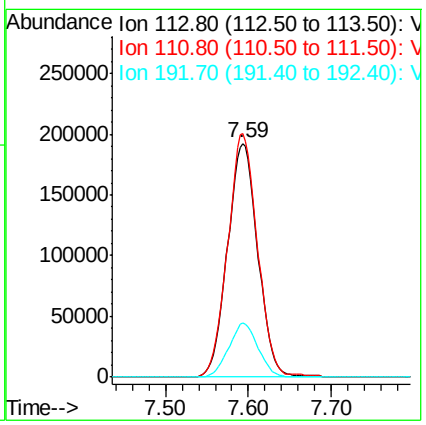
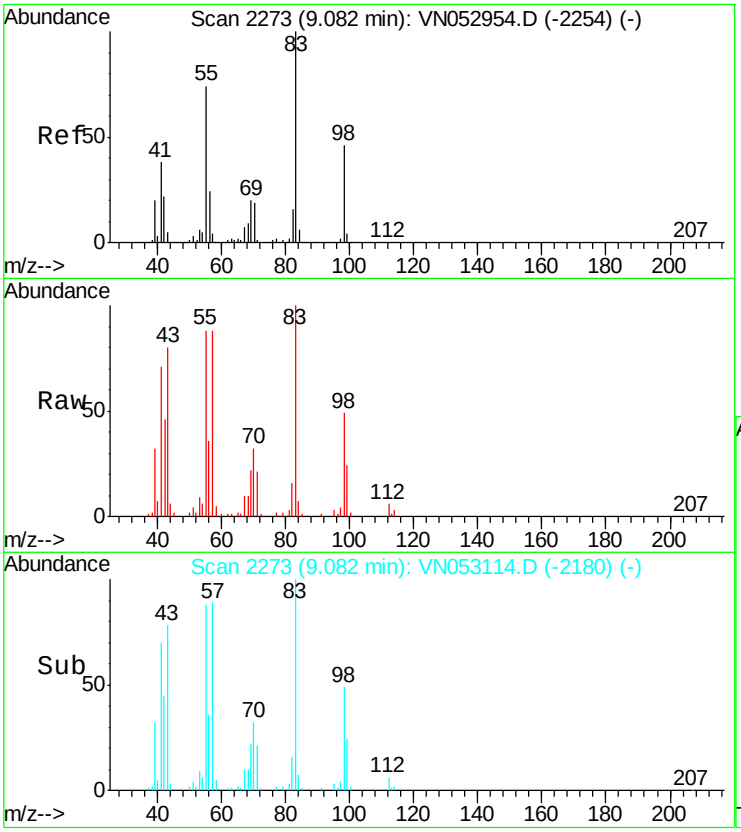


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053114.D
Acq: 21 Dec 2018 20:42

Tgt Ion:113 Resp: 489150

Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.0	124.4
192	22.4	17.5	26.3

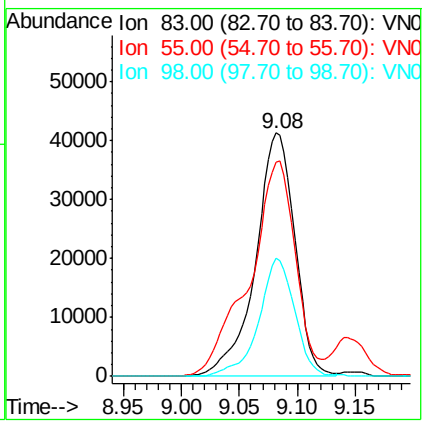




#39
Methylcyclohexane
Concen: 4.431 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053114.D
Acq: 21 Dec 2018 20:42

Tgt Ion: 83 Resp: 97186

Ion	Ratio	Lower	Upper
83	100		
55	87.5	61.3	91.9
98	48.6	37.0	55.4



Instrument :
MSVOA_N
ClientSampleId :
KY001SB103-121118-(23-25)MEDL

Manual Integrations APPROVED
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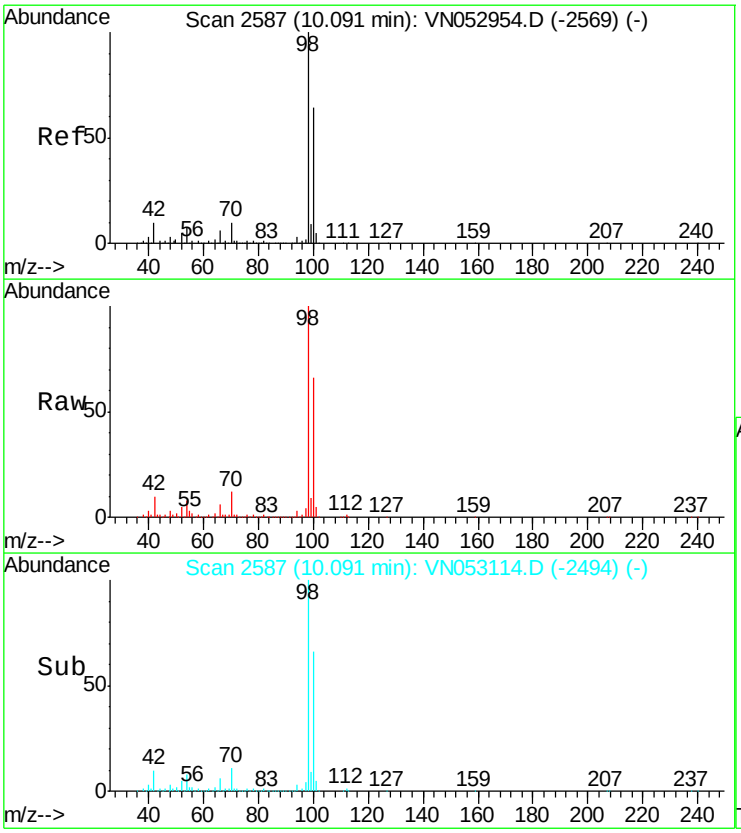
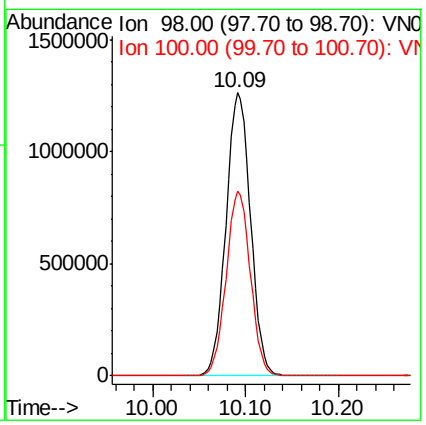
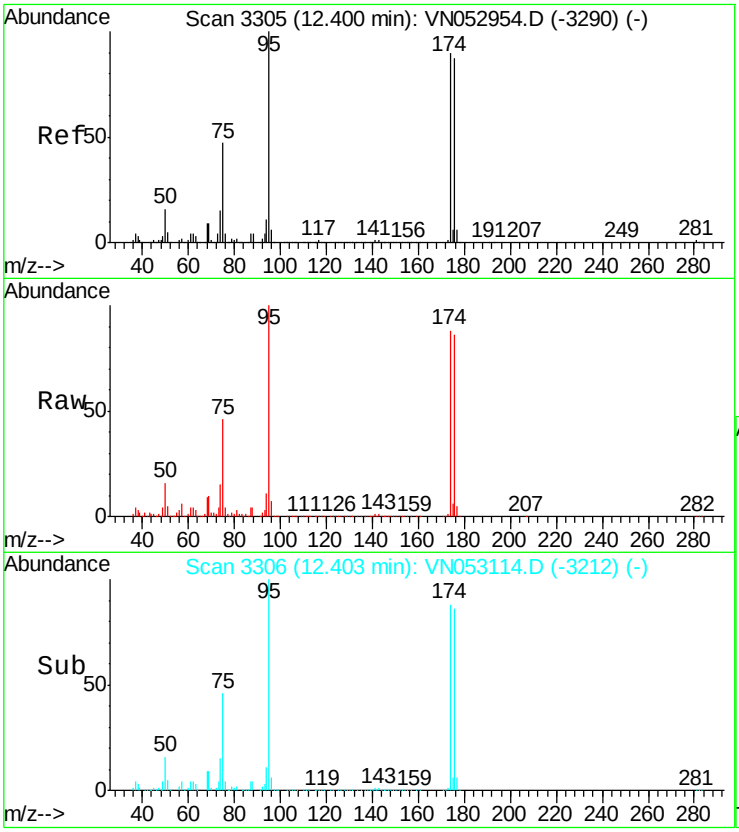


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053114.D
Acq: 21 Dec 2018 20:42

Tgt Ion: 98 Resp: 2315339

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4





#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053114.D
Acq: 21 Dec 2018 20:42

Tgt Ion: 95 Resp: 814814

Ion	Ratio	Lower	Upper
95	100		
174	88.6	0.0	178.8
176	85.8	0.0	173.8

Instrument :
MSVOA_N
ClientSampleId :
KY001SB103-121118-(23-25)MEDL

Manual Integrations APPROVED
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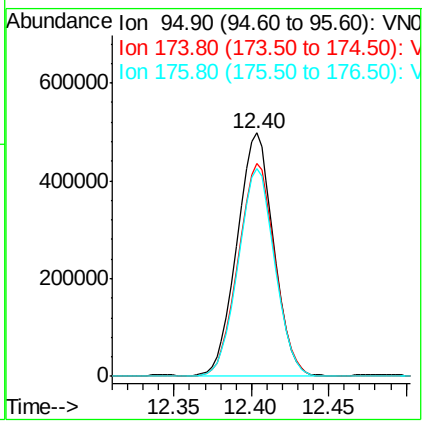
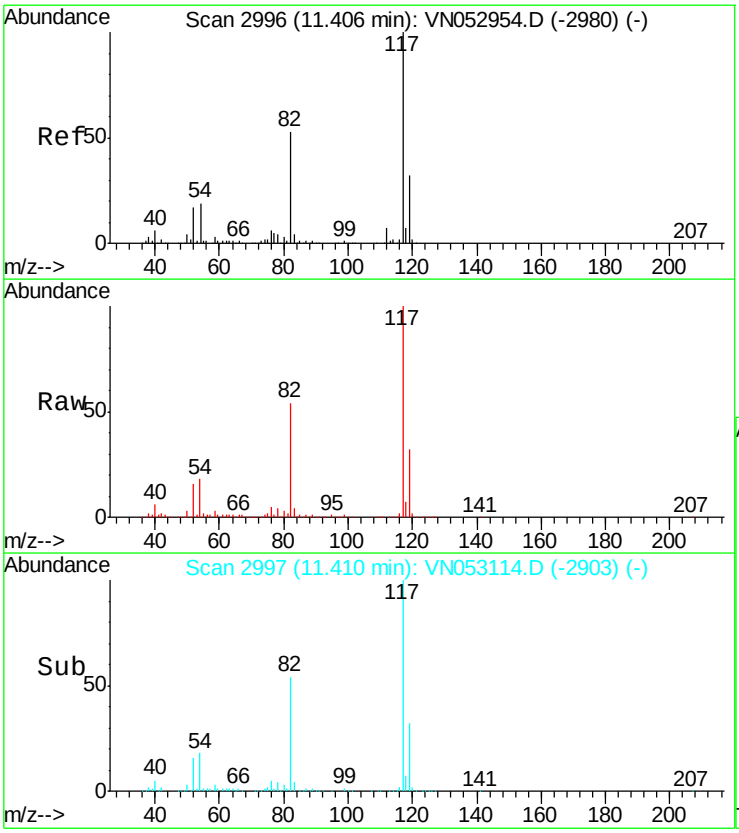
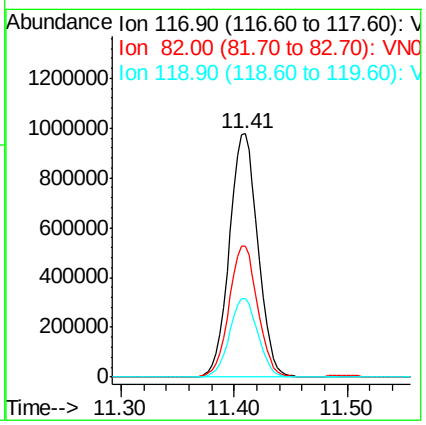


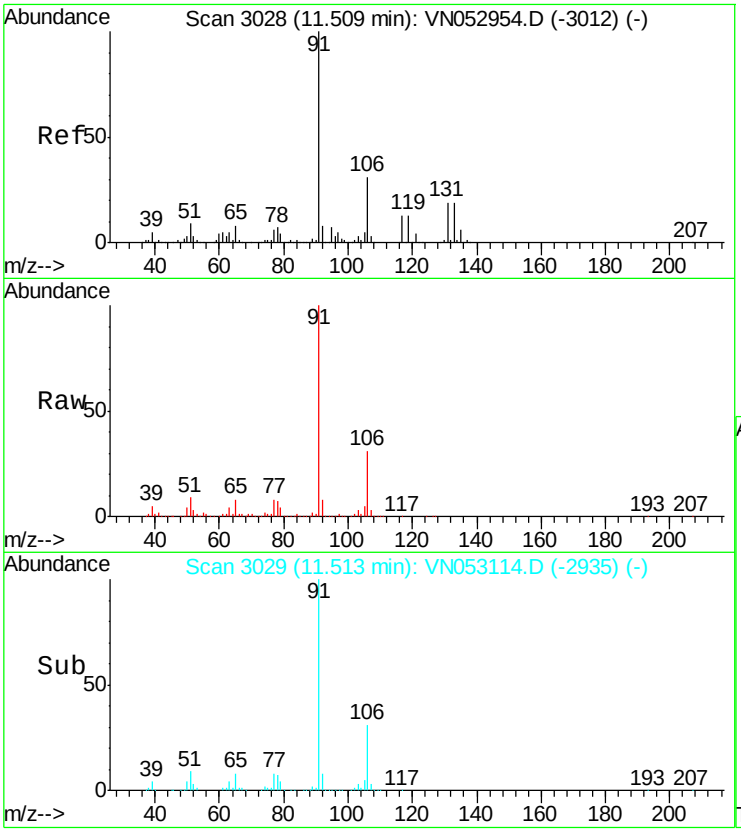


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053114.D
Acq: 21 Dec 2018 20:42

Tgt Ion:117 Resp: 1708368

Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.8	64.2
119	32.2	25.5	38.3

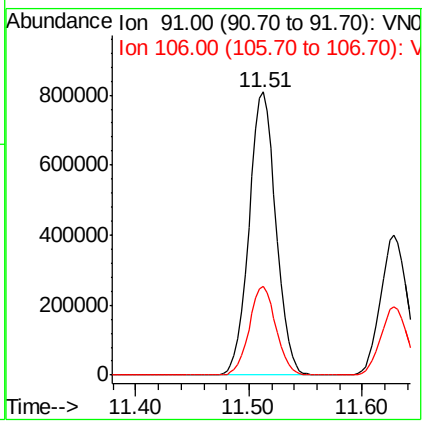




#67
Ethyl Benzene
Concen: 20.430 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053114.D
Acq: 21 Dec 2018 20:42

Tgt Ion: 91 Resp: 1330510

Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.9	37.3



Instrument :
MSVOA_N
ClientSampleId :
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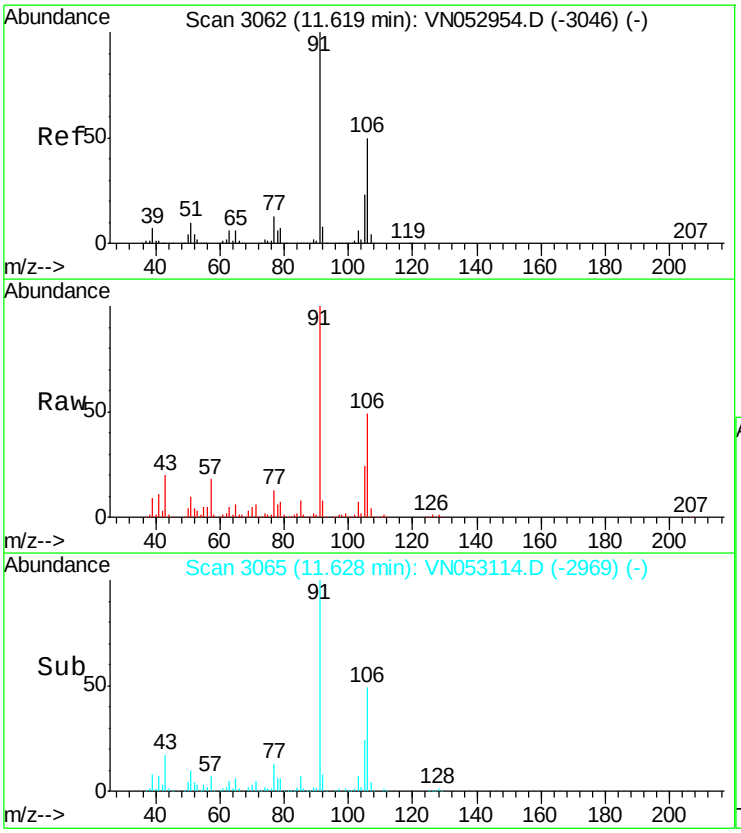
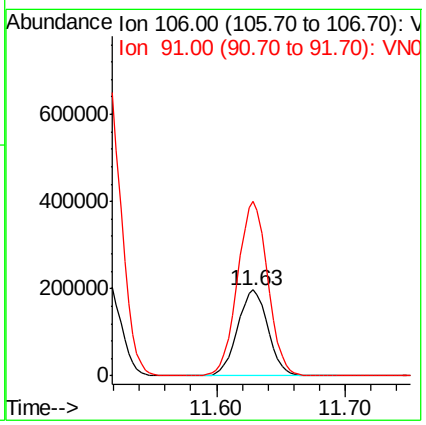
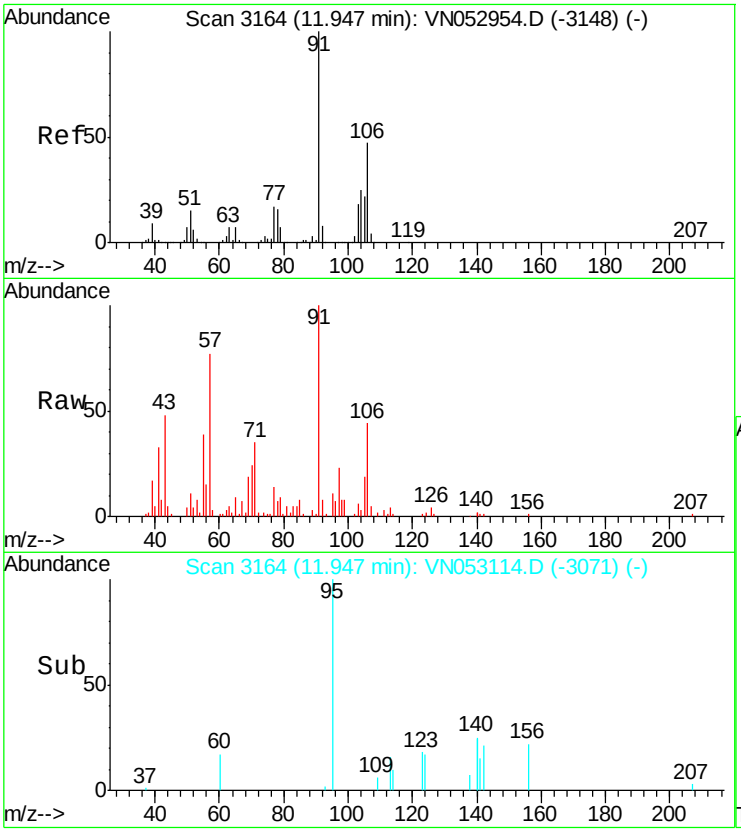


#68
m/p-Xylenes
Concen: 13.021 ug/l
RT: 11.63 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VN053114.D
Acq: 21 Dec 2018 20:42

Tgt Ion:106 Resp: 322377

Ion	Ratio	Lower	Upper
106	100		
91	202.4	162.2	243.4





#69
o-Xylene
Concen: 1.041 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053114.D
Acq: 21 Dec 2018 20:42

Tgt Ion:106 Resp: 24727

Ion	Ratio	Lower	Upper
106	100		
91	216.2	106.6	319.8

Instrument :
MSVOA_N
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KY001SB103-121118-(23-25)MEDL

Manual Integrations APPROVED
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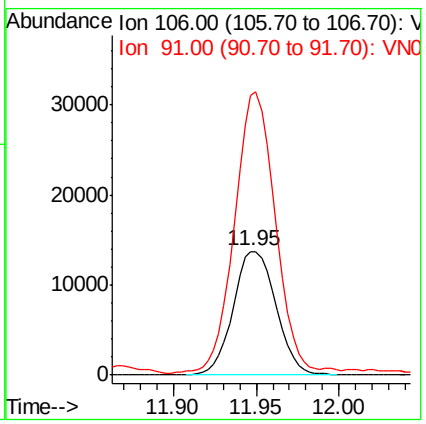
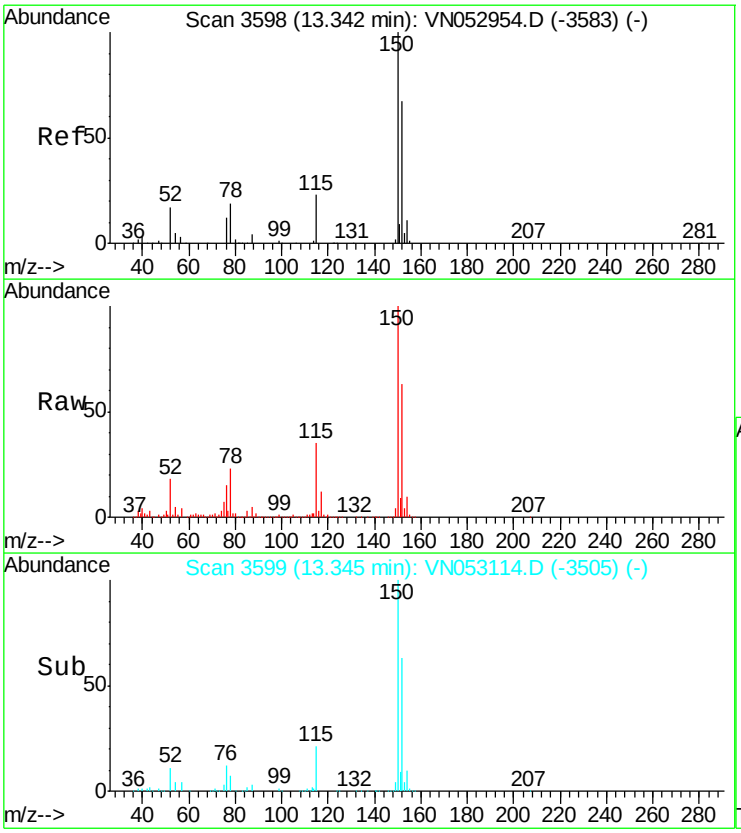
12/22/2018 10:49:39 AM

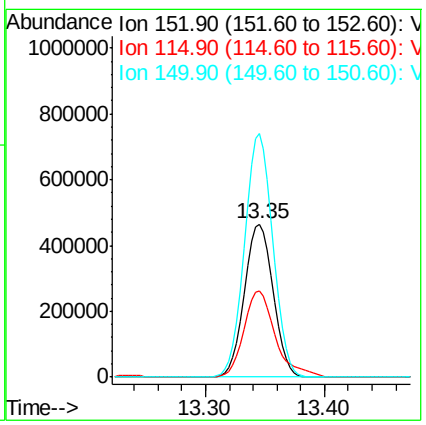


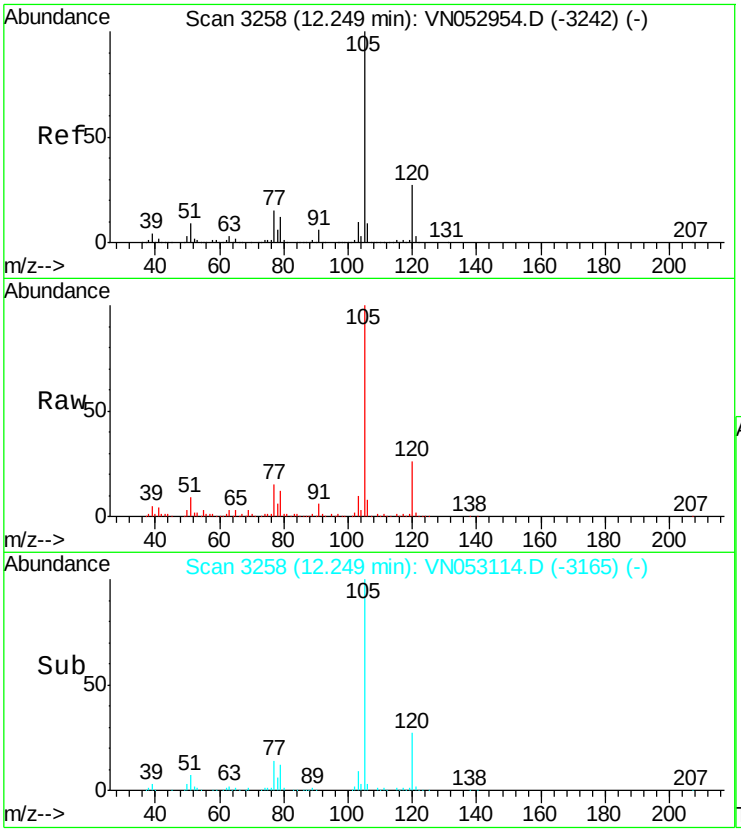


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053114.D
Acq: 21 Dec 2018 20:42

Tgt Ion:152 Resp: 777929

Ion	Ratio	Lower	Upper
152	100		
115	60.8	28.3	85.0
150	156.6	0.0	347.8

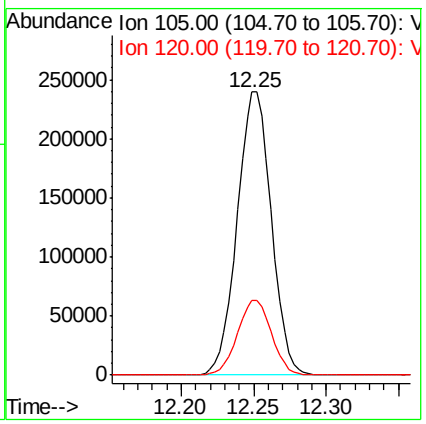




#73
Isopropylbenzene
Concen: 6.441 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN053114.D
Acq: 21 Dec 2018 20:42

Tgt Ion:105 Resp: 392061

Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.3	39.9



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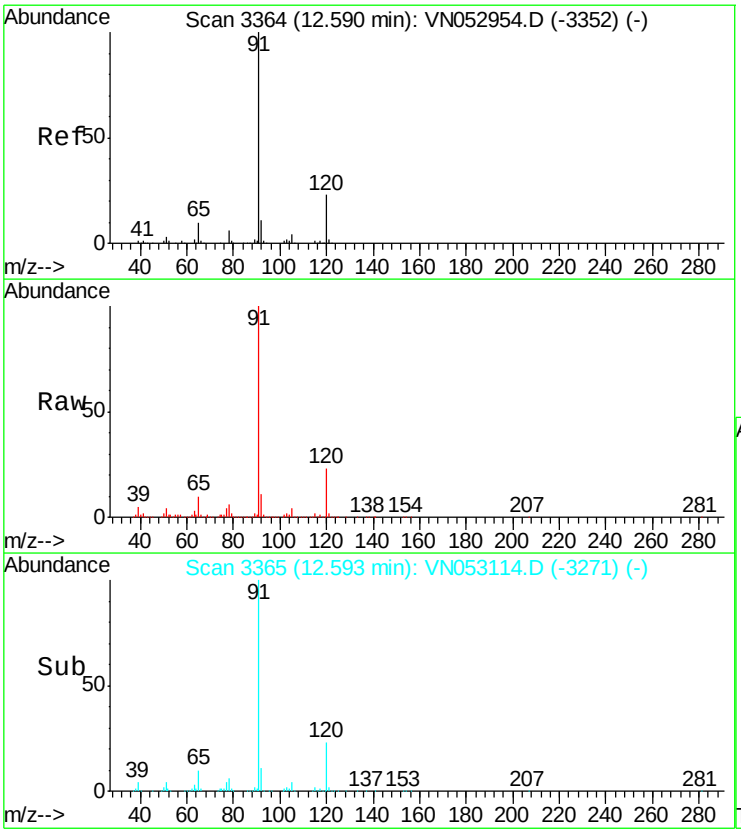
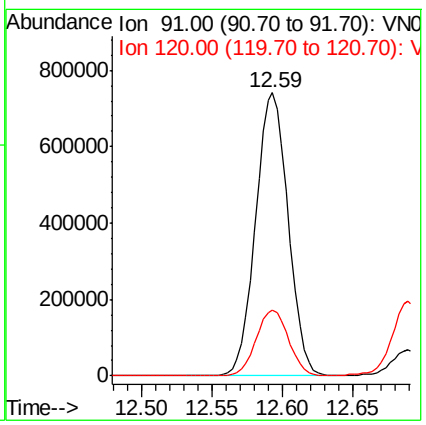
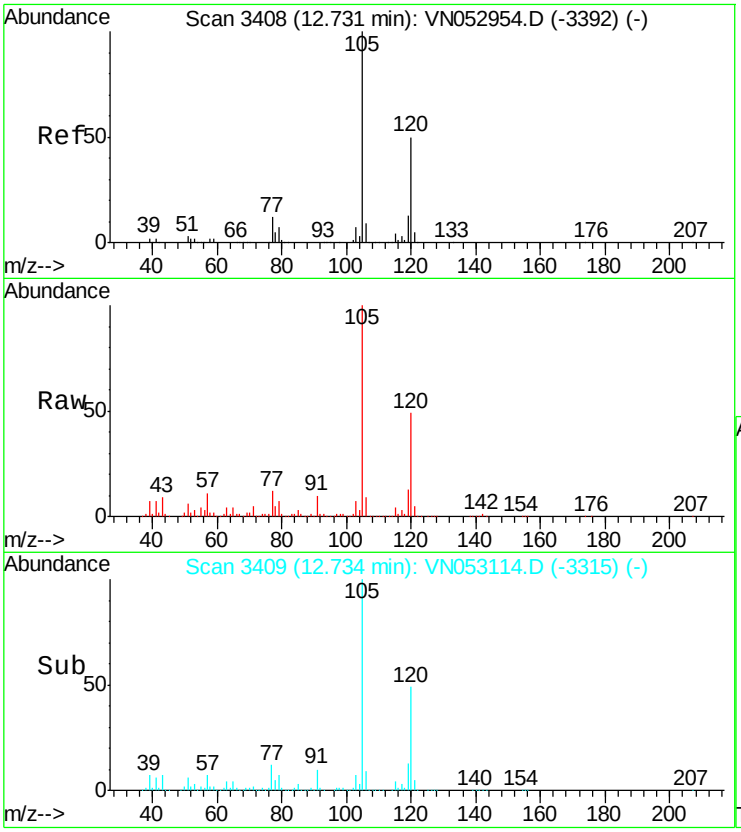


#78
n-propylbenzene
Concen: 17.183 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN053114.D
Acq: 21 Dec 2018 20:42

Tgt Ion: 91 Resp: 1191161

Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.5	34.5

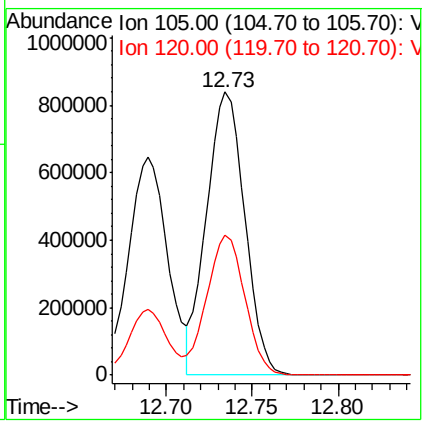




#80
1,3,5-Trimethylbenzene
Concen: 26.267 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN053114.D
Acq: 21 Dec 2018 20:42

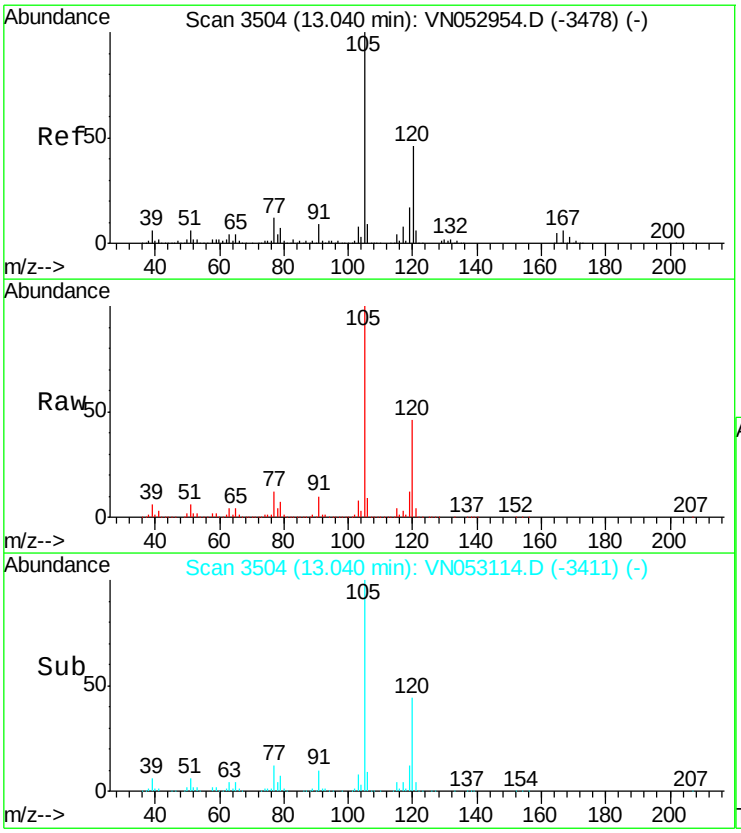
Tgt Ion:105 Resp: 1303123

Ion	Ratio	Lower	Upper
105	100		
120	49.9	24.4	73.2



Instrument :
MSVOA_N
ClientSampleId :
KY001SB103-121118-(23-25)MEDL

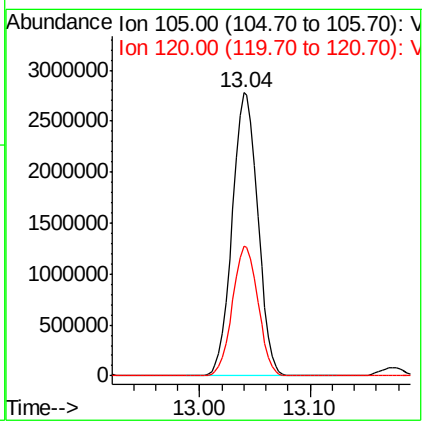
Manual Integrations APPROVED
MMDadoda
12/22/2018 10:49:39 AM

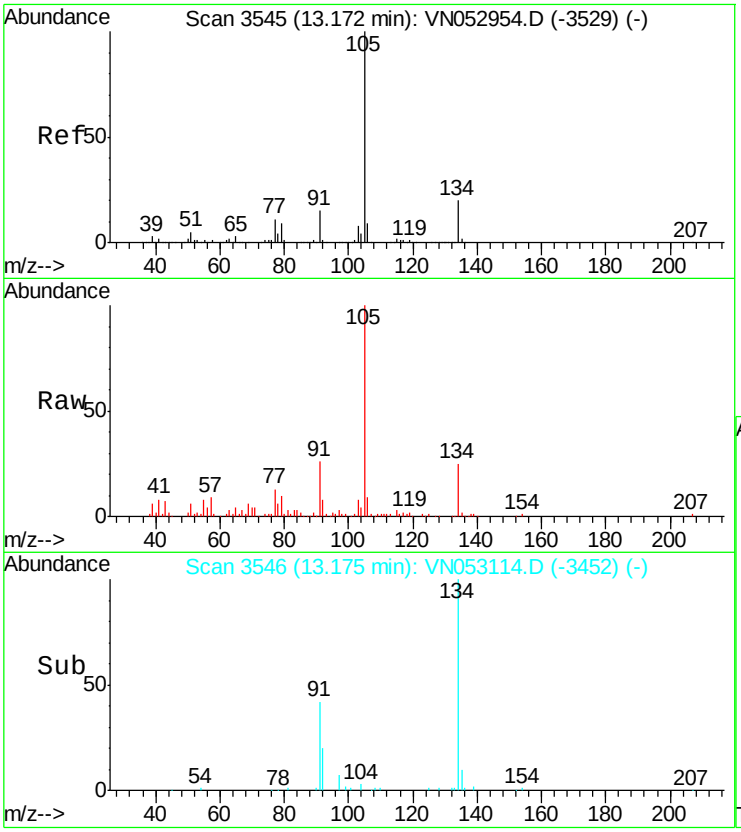


#84
1,2,4-Trimethylbenzene
Concen: 89.526 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN053114.D
Acq: 21 Dec 2018 20:42

Tgt Ion:105 Resp: 4464933

Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.9	68.8





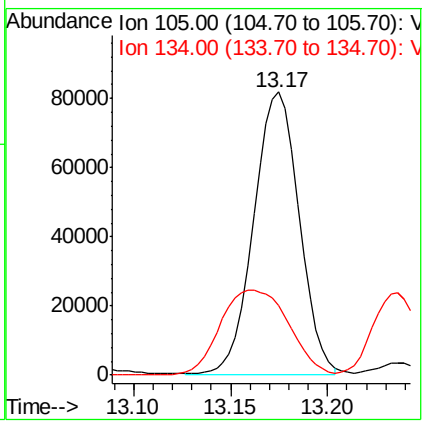
#85
sec-Butylbenzene
Concen: 2.258 ug/l m
RT: 13.17 min Scan# 3546
Delta R.T. 0.00 min
Lab File: VN053114.D
Acq: 21 Dec 2018 20:42

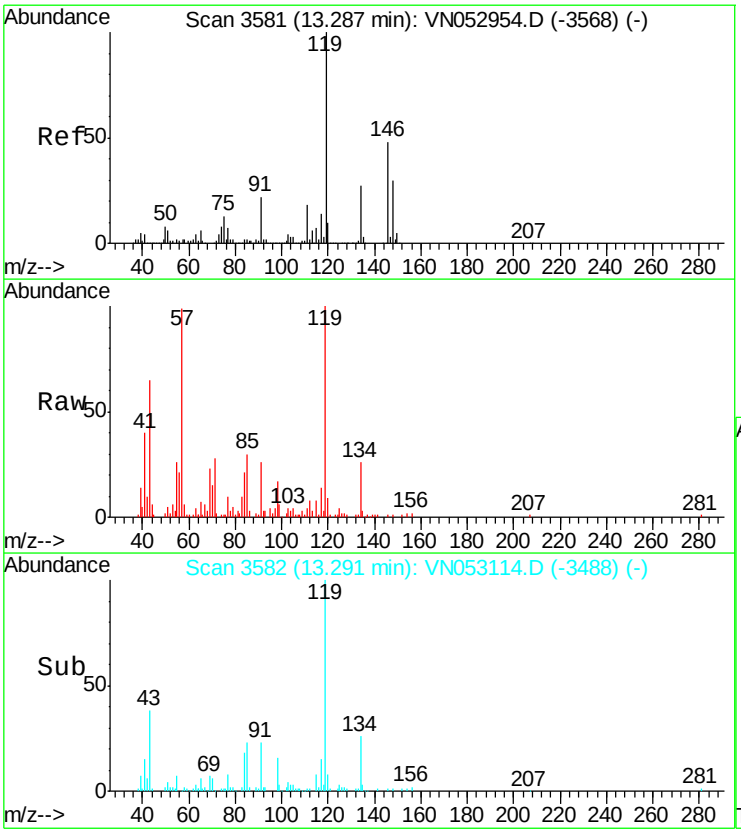
Tgt Ion:105 Resp: 133989

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.1	30.3#

Instrument :
MSVOA_N
ClientSampleId :
KY001SB103-121118-(23-25)MEDL

Manual Integrations APPROVED
MMDadoda
12/22/2018 10:49:39 AM

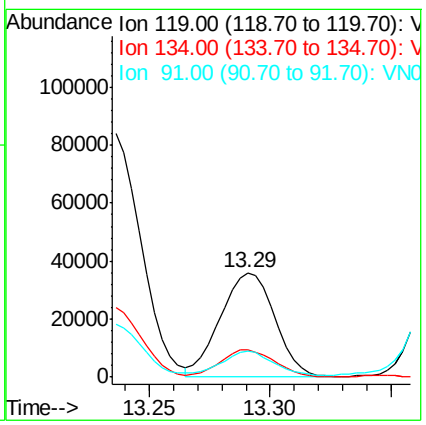


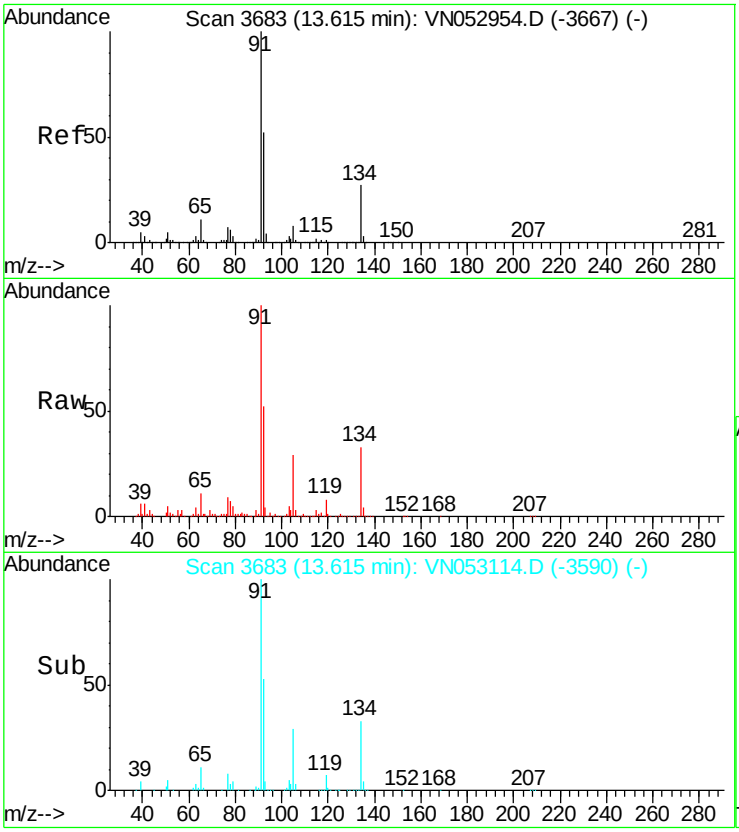


#86
p-Isopropyltoluene
Concen: 1.104 ug/l m
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN053114.D
Acq: 21 Dec 2018 20:42

Tgt Ion:119 Resp: 56622

Ion	Ratio	Lower	Upper
119	100		
134	68.0	13.4	40.2#
91	47.7	11.1	33.3#

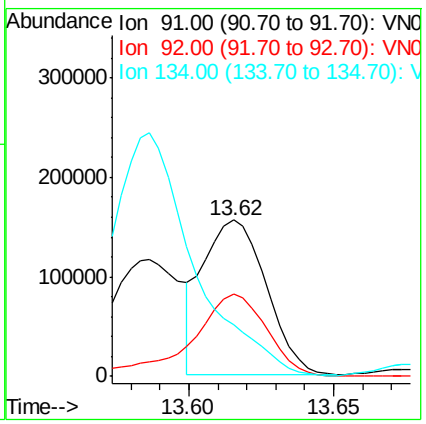




#89
n-Butylbenzene
Concen: 5.309 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN053114.D
Acq: 21 Dec 2018 20:42

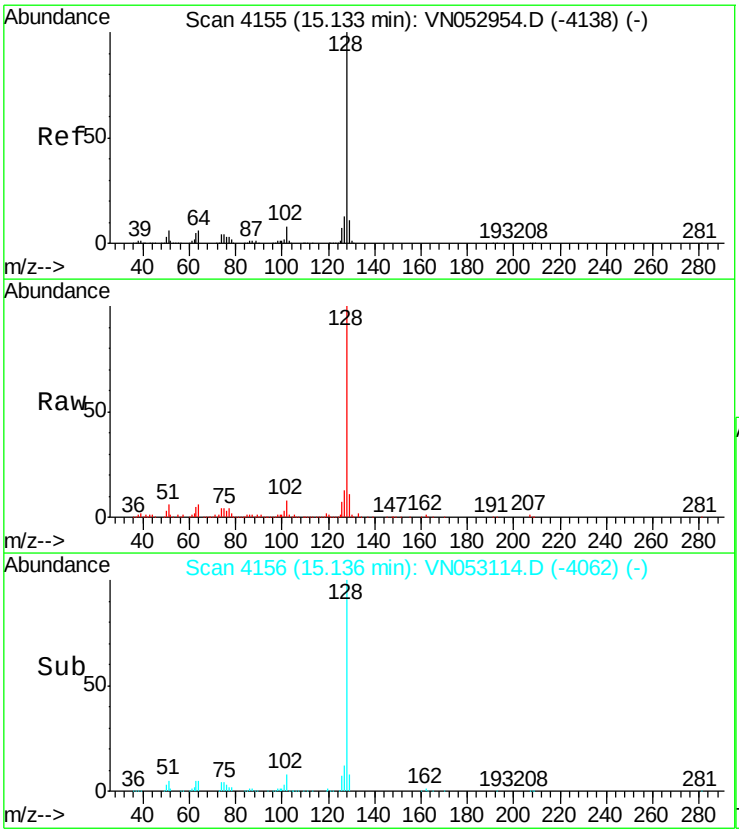
Tgt Ion: 91 Resp: 234231

Ion	Ratio	Lower	Upper
91	100		
92	63.2	26.3	78.9
134	0.0	13.3	39.8#



Instrument :
MSVOA_N
ClientSampleId :
KY001SB103-121118-(23-25)MEDL

Manual Integrations APPROVED
MMDadoda
12/22/2018 10:49:39 AM



#95
Naphthalene
Concen: 16.672 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN053114.D
Acq: 21 Dec 2018 20:42

Tgt Ion:128 Resp: 486000

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	11.3	8.6	13.0