Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051134.D
Acq On : 11 Sep 2018 18:05
Operator : MD\SY
Sample : J4849-10DL 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-HDL

Manual Integrations APPROVED
MMDadoda
9/12/2018 10:07:34 AM

Quant Time: Sep 12 10:01:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	686338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1046188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	887098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	320027	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	404948	53.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.04%			
35) Dibromofluoromethane	7.59	113	393645	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.14%			
50) Toluene-d8	10.09	98	1446874	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.00%			
62) 4-Bromofluorobenzene	12.40	95	406231	41.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.34%			
Target Compounds						Qvalue
73) Isopropylbenzene	12.25	105	87002	3.24	ug/l	100
78) n-propylbenzene	12.59	91	181895	6.17	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	50814	2.34	ug/l	99
83) tert-Butylbenzene	12.99	119	54868	2.86	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1425812	66.83	ug/l	99
85) sec-Butylbenzene	13.17	105	229081	9.32	ug/l	84
86) p-Isopropyltoluene	13.29	119	89525	4.30	ug/l	98
89) n-Butylbenzene	13.61	91	41648m	2.57	ug/l	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
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Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-HDL

Manual Integrations APPROVED
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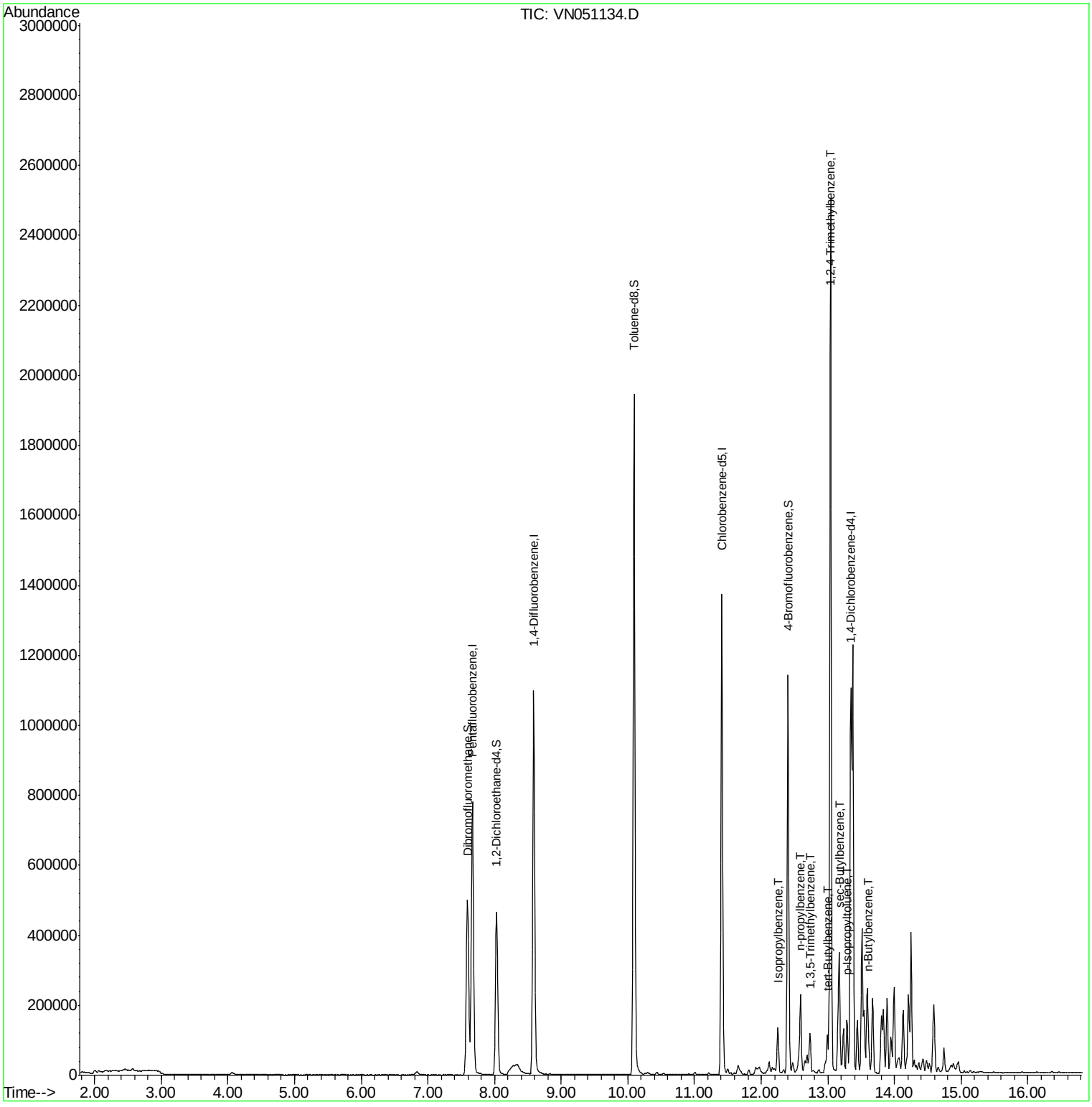
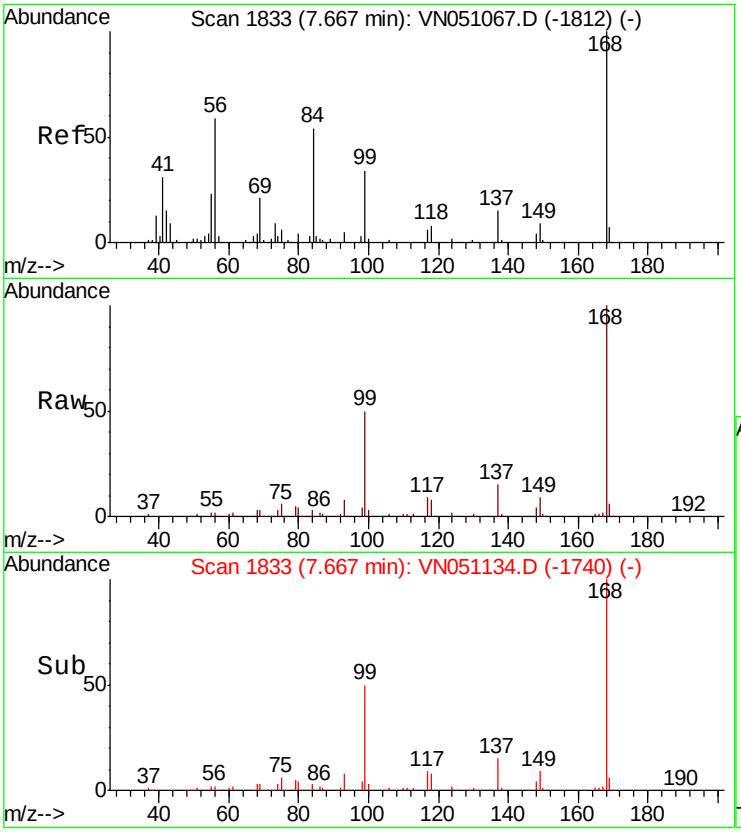
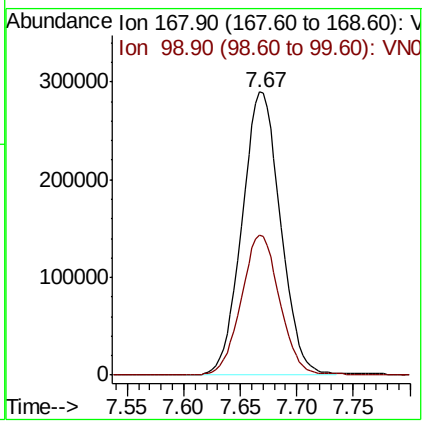




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN051134.D
Acq: 11 Sep 2018 18:05

Tgt Ion:168 Resp: 686338

Ion	Ratio	Lower	Upper
168	100		
99	49.7	38.3	57.5



Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-HDL

Manual Integrations APPROVED
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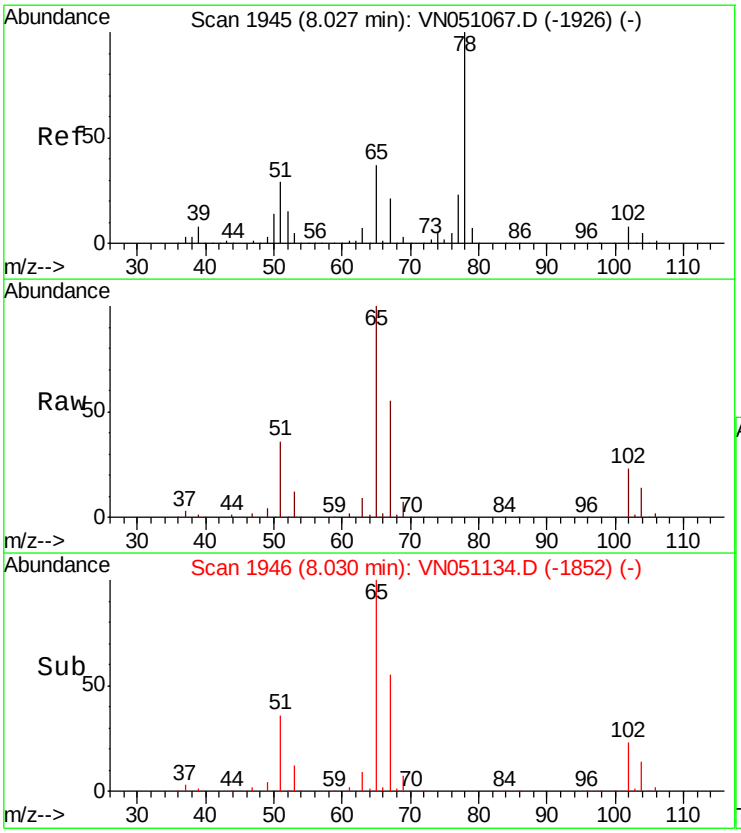
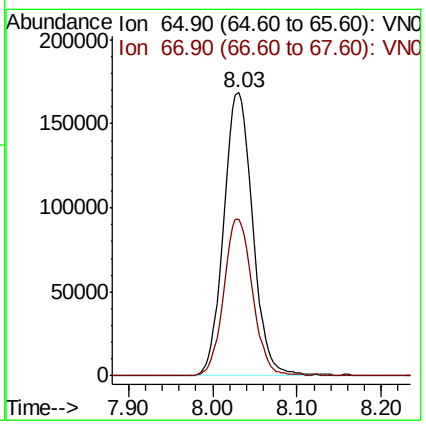
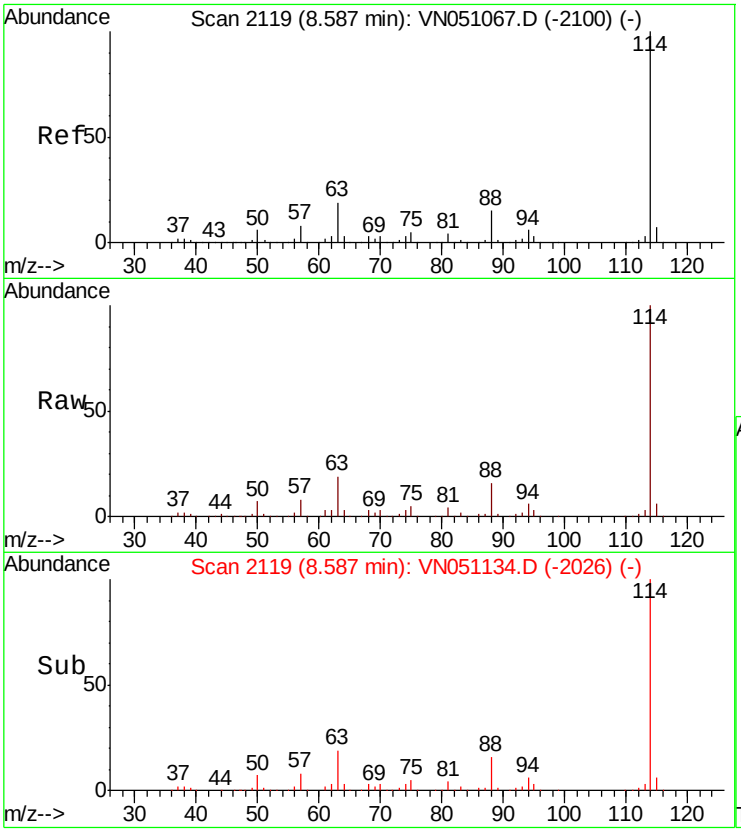


#33
1,2-Dichloroethane-d4
Concen: 53.02 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051134.D
Acq: 11 Sep 2018 18:05

Tgt Ion: 65 Resp: 404948

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	112.0

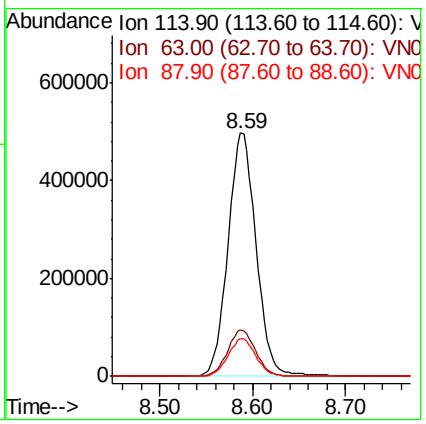




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN051134.D
Acq: 11 Sep 2018 18:05

Tgt Ion:114 Resp: 1046188

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	37.8
88	15.6	0.0	30.8



Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-HDL

Manual Integrations APPROVED
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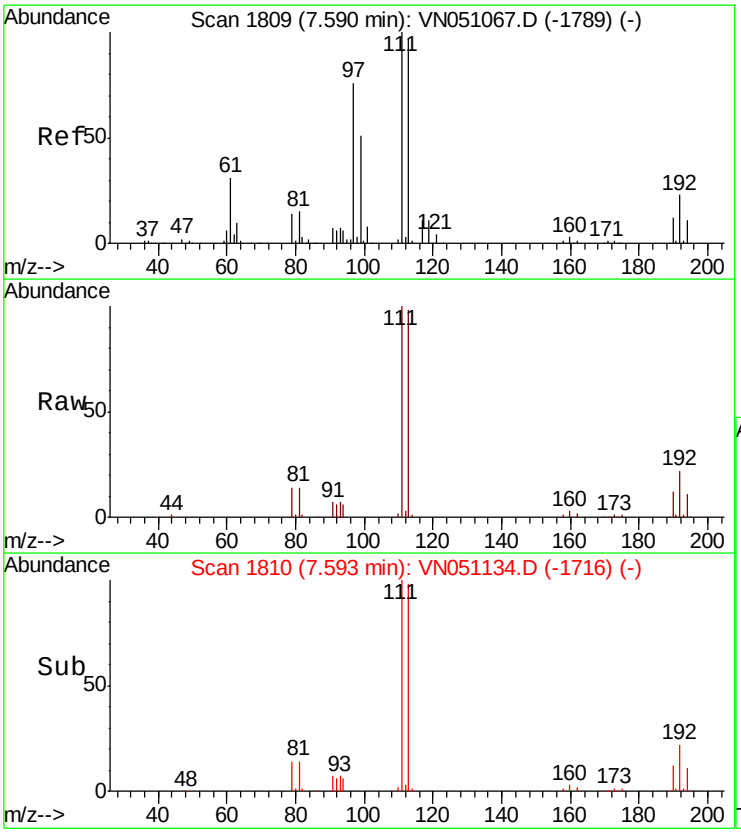
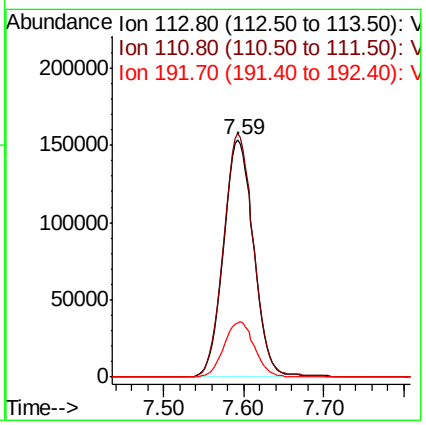
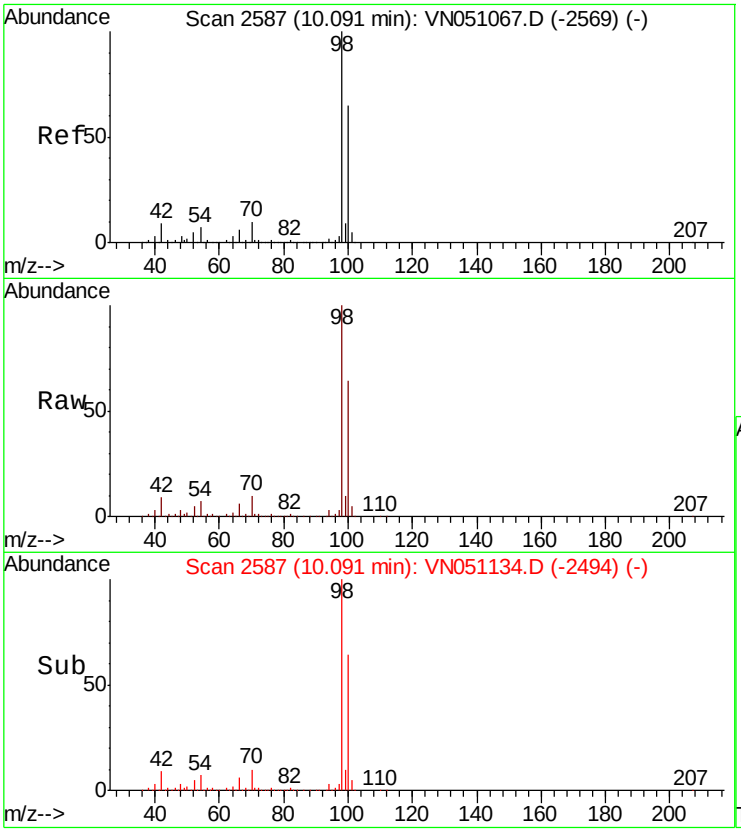


#35
Dibromofluoromethane
Concen: 50.07 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051134.D
Acq: 11 Sep 2018 18:05

Tgt Ion:113 Resp: 393645

Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.0	124.6
192	23.4	18.7	28.1

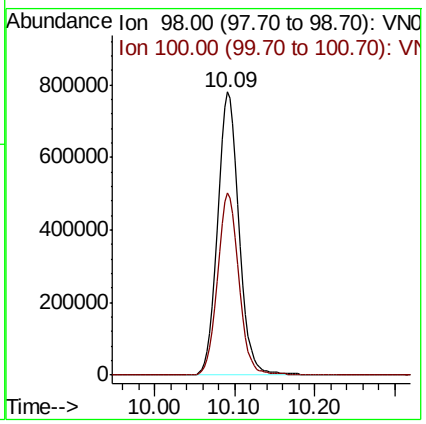




#50
Toluene-d8
Concen: 48.50 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051134.D
Acq: 11 Sep 2018 18:05

Tgt Ion: 98 Resp: 1446874

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.0	78.0



Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-HDL

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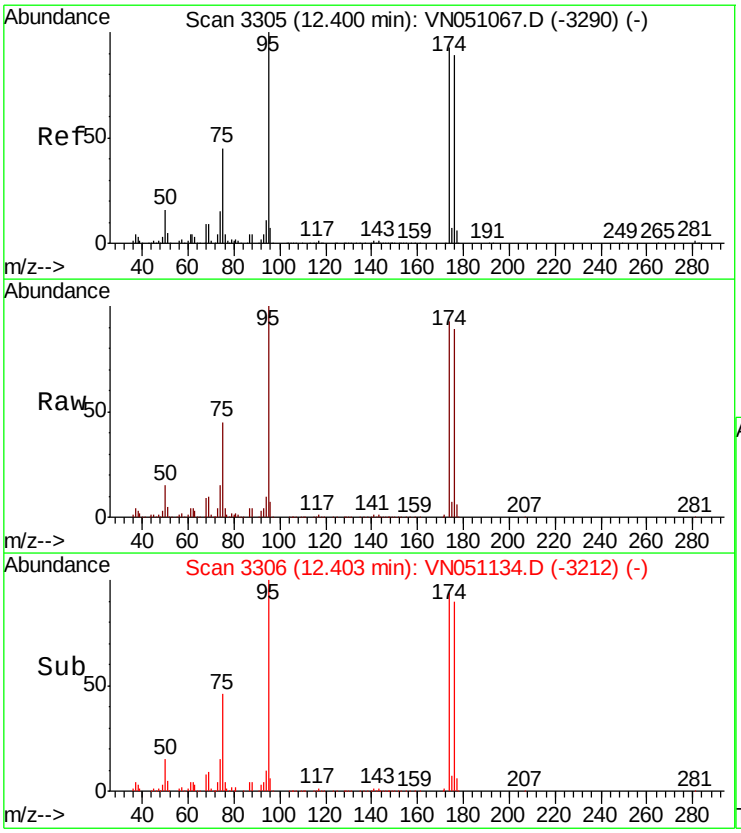
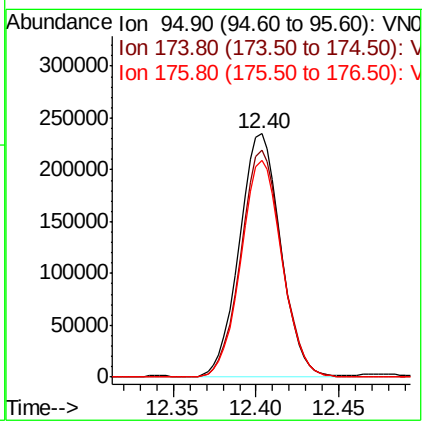
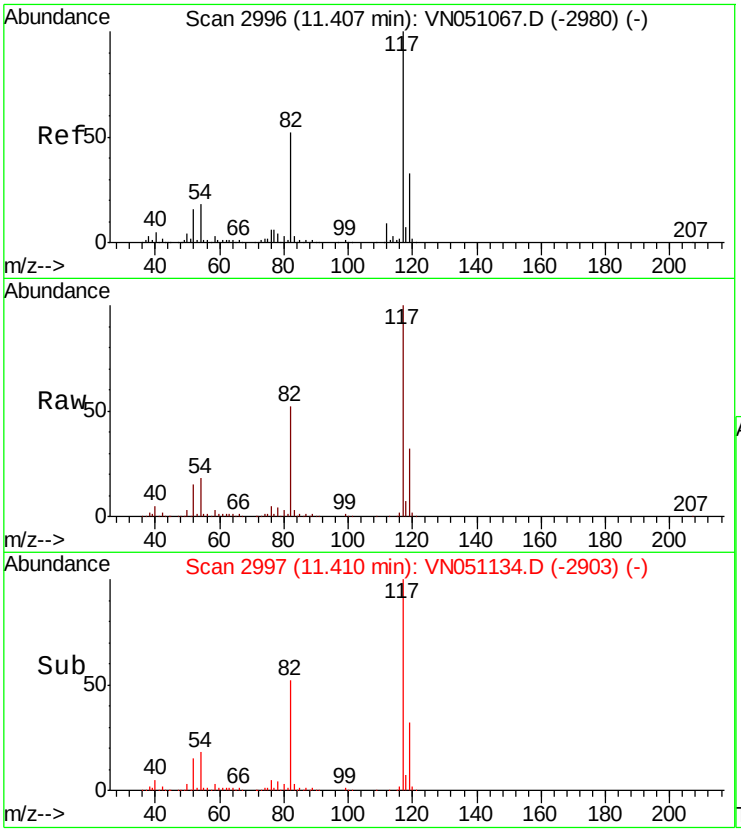


#62
4-Bromofluorobenzene
Concen: 41.17 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051134.D
Acq: 11 Sep 2018 18:05

Tgt Ion: 95 Resp: 406231

Ion	Ratio	Lower	Upper
95	100		
174	92.5	0.0	184.8
176	88.6	0.0	178.6

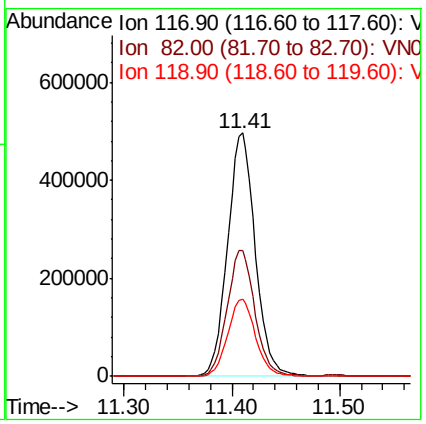




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051134.D
Acq: 11 Sep 2018 18:05

Tgt Ion:117 Resp: 887098

Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.8	62.6
119	31.8	26.2	39.2



Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-HDL

Manual Integrations APPROVED
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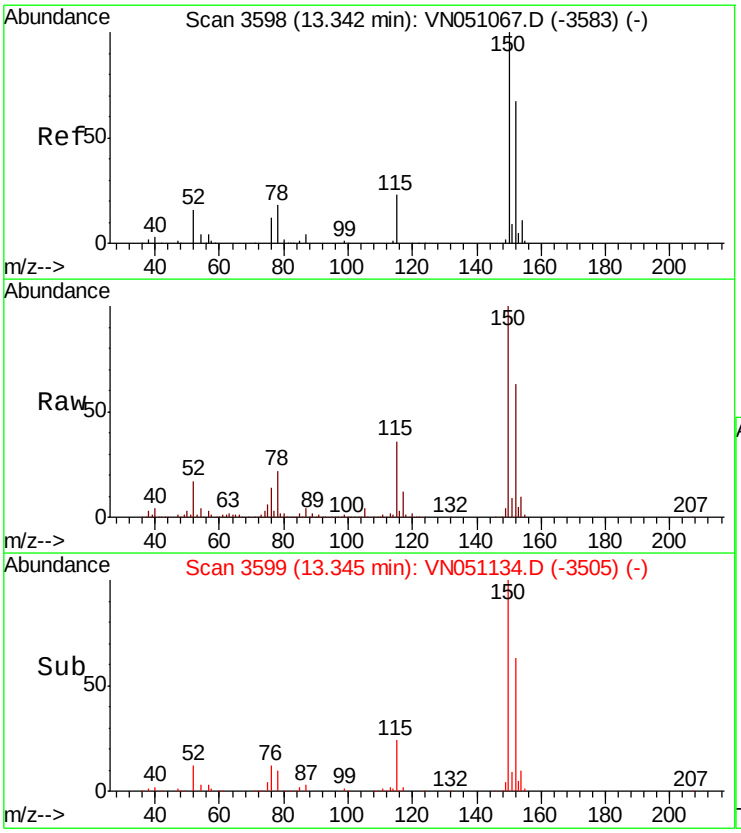
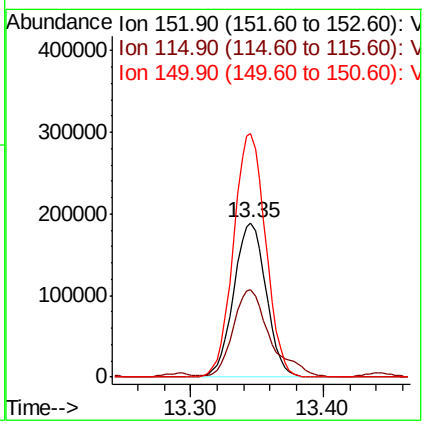
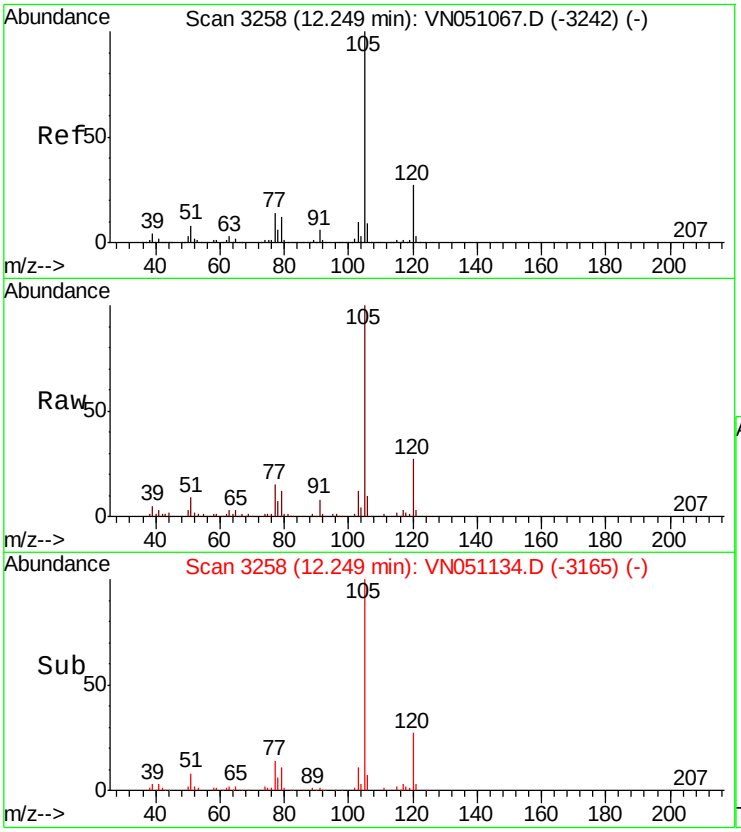


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051134.D
Acq: 11 Sep 2018 18:05

Tgt Ion:152 Resp: 320027

Ion	Ratio	Lower	Upper
152	100		
115	64.9	28.2	84.7
150	156.8	0.0	349.0





#73
Isopropylbenzene
Concen: 3.24 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN051134.D
Acq: 11 Sep 2018 18:05

Tgt Ion:105 Resp: 87002

Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.6	40.7

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-HDL

Manual Integrations APPROVED
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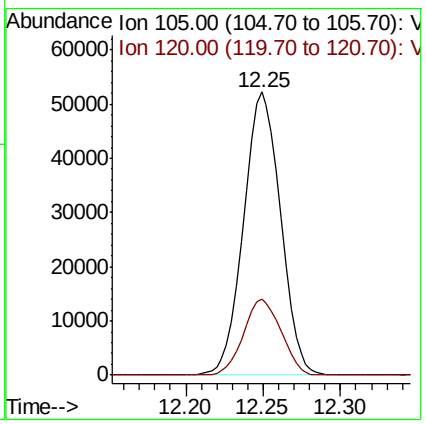
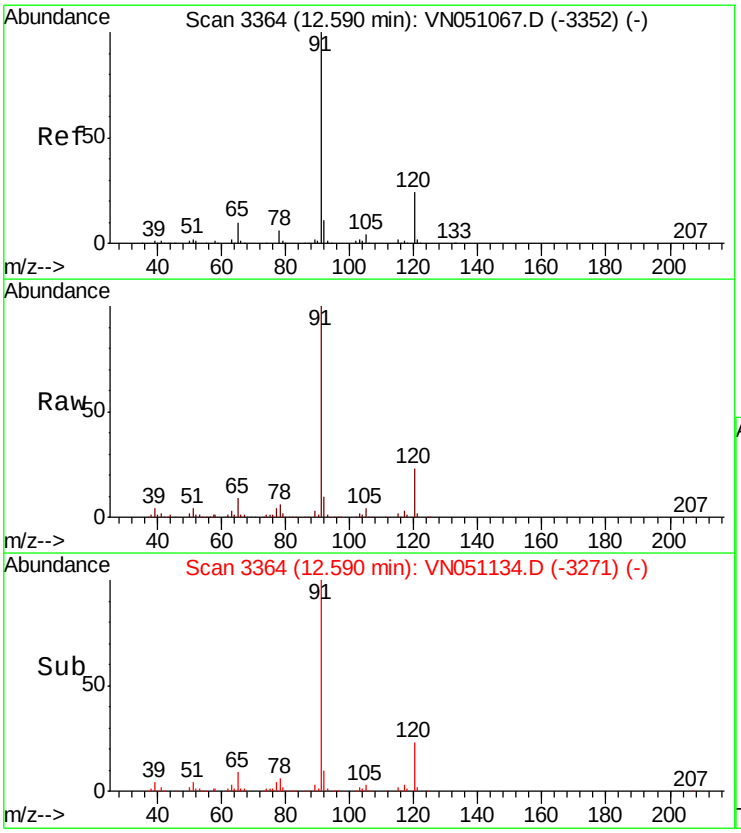
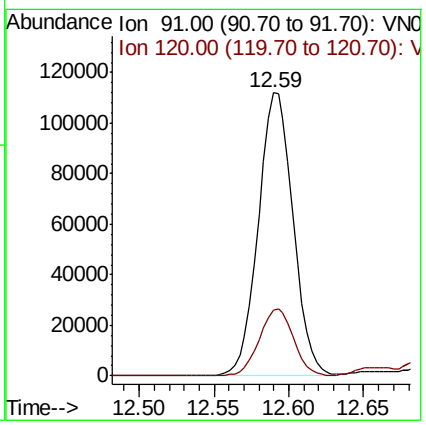


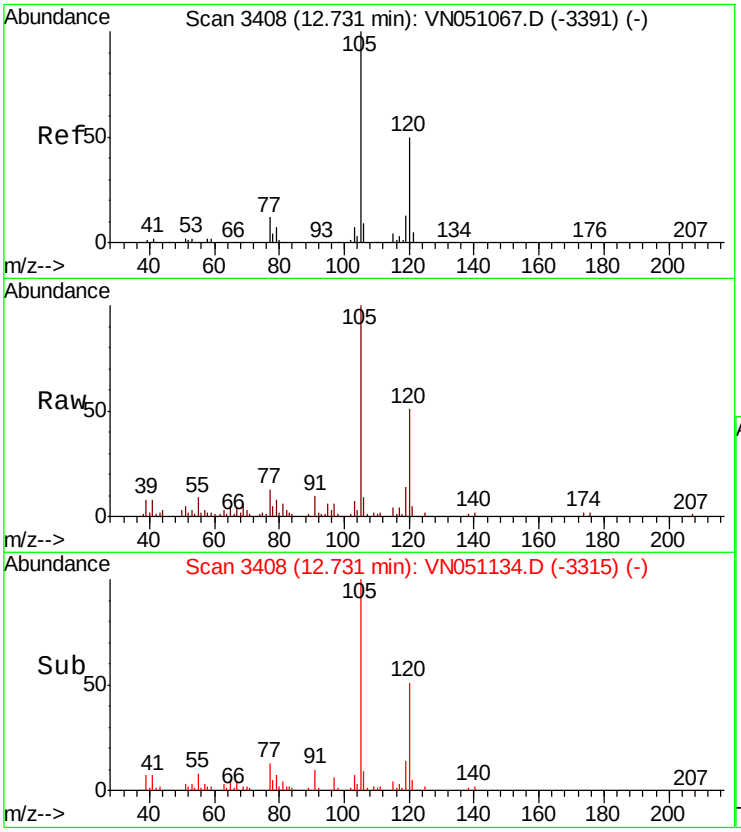


#78
n-propylbenzene
Concen: 6.17 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN051134.D
Acq: 11 Sep 2018 18:05

Tgt Ion: 91 Resp: 181895

Ion	Ratio	Lower	Upper
91	100		
120	23.3	12.0	36.0





#80
1,3,5-Trimethylbenzene
Concen: 2.34 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN051134.D
Acq: 11 Sep 2018 18:05

Tgt Ion:105 Resp: 50814

Ion	Ratio	Lower	Upper
105	100		
120	50.1	24.9	74.6

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-HDL

Manual Integrations APPROVED
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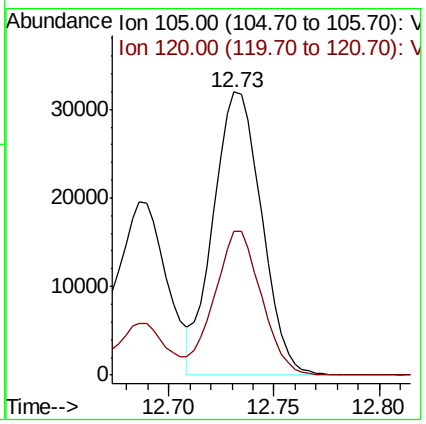
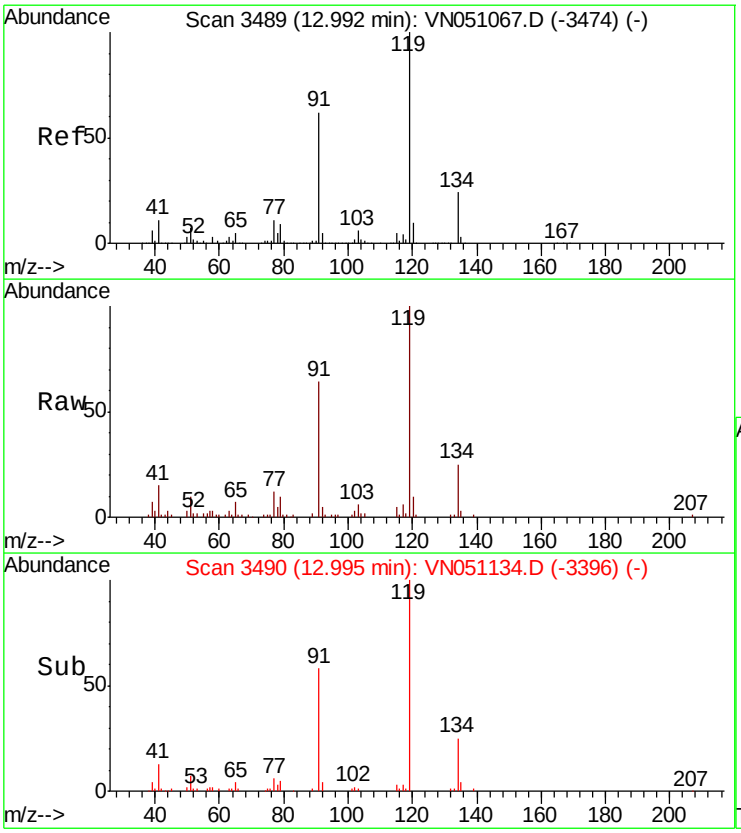
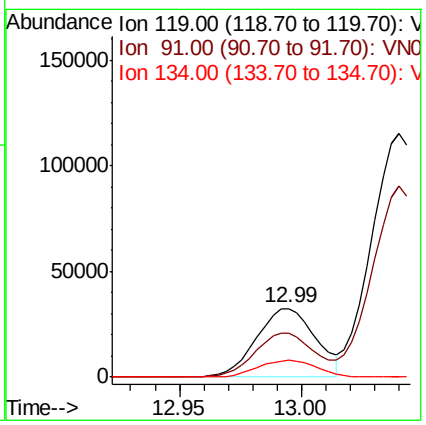


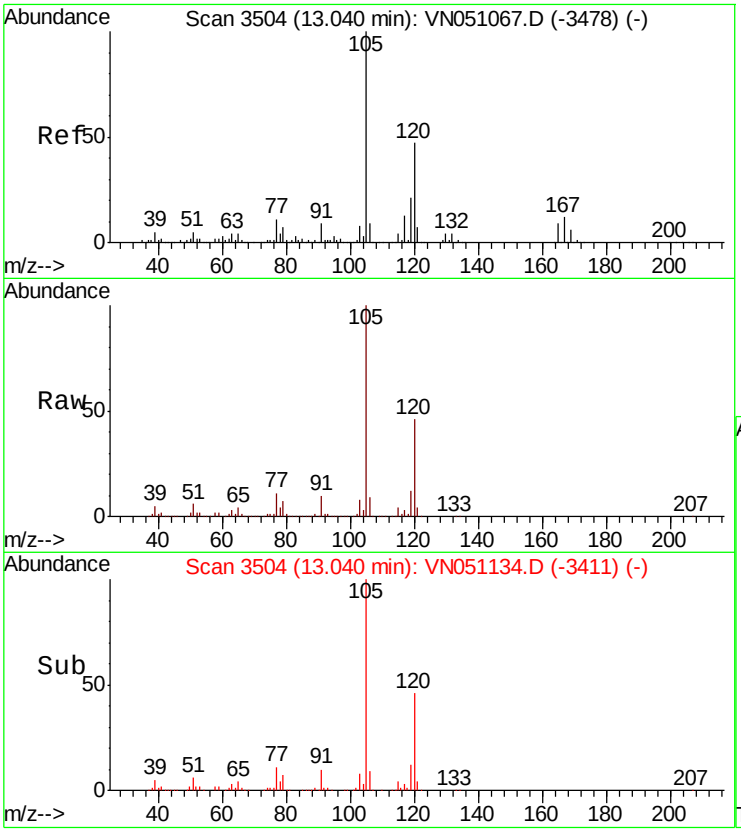


#83
tert-Butylbenzene
Concen: 2.86 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051134.D
Acq: 11 Sep 2018 18:05

Tgt Ion:119 Resp: 54868

Ion	Ratio	Lower	Upper
119	100		
91	63.0	30.8	92.3
134	24.2	13.2	39.6

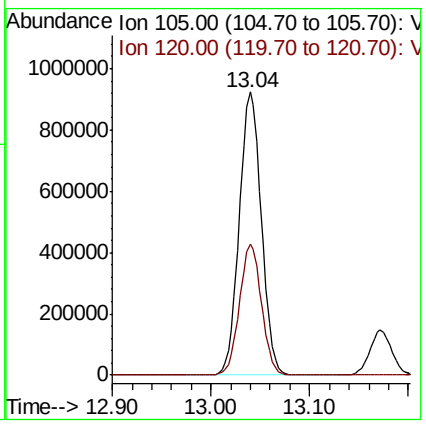




#84
1,2,4-Trimethylbenzene
Concen: 66.83 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN051134.D
Acq: 11 Sep 2018 18:05

Tgt Ion:105 Resp: 1425812

Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.3	69.8



Instrument :
MSVOA_N
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Manual Integrations APPROVED
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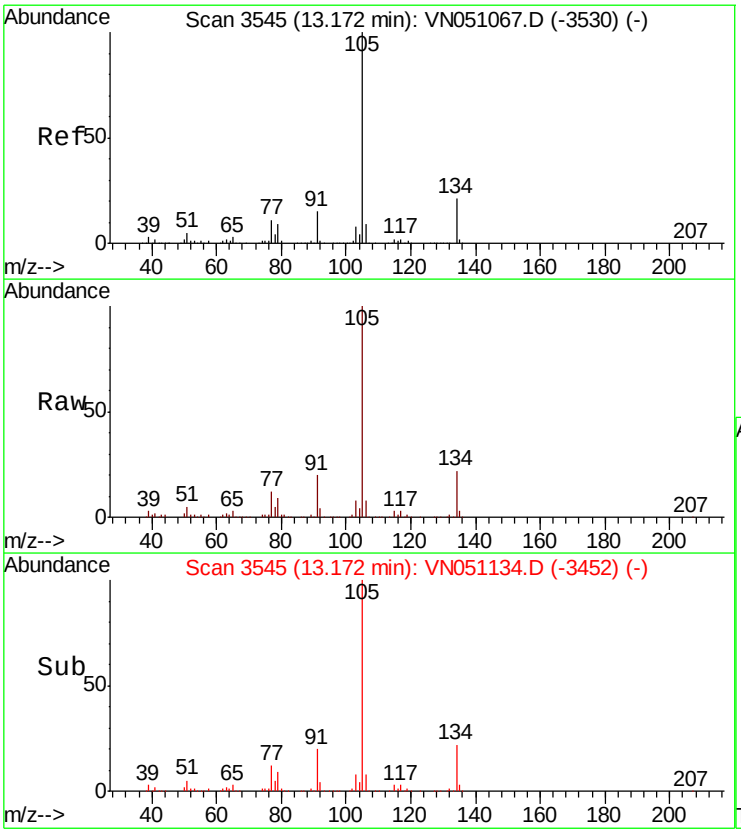
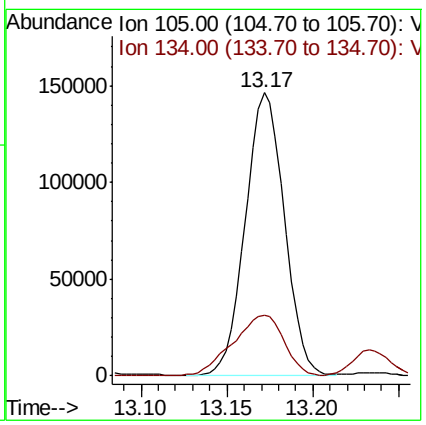
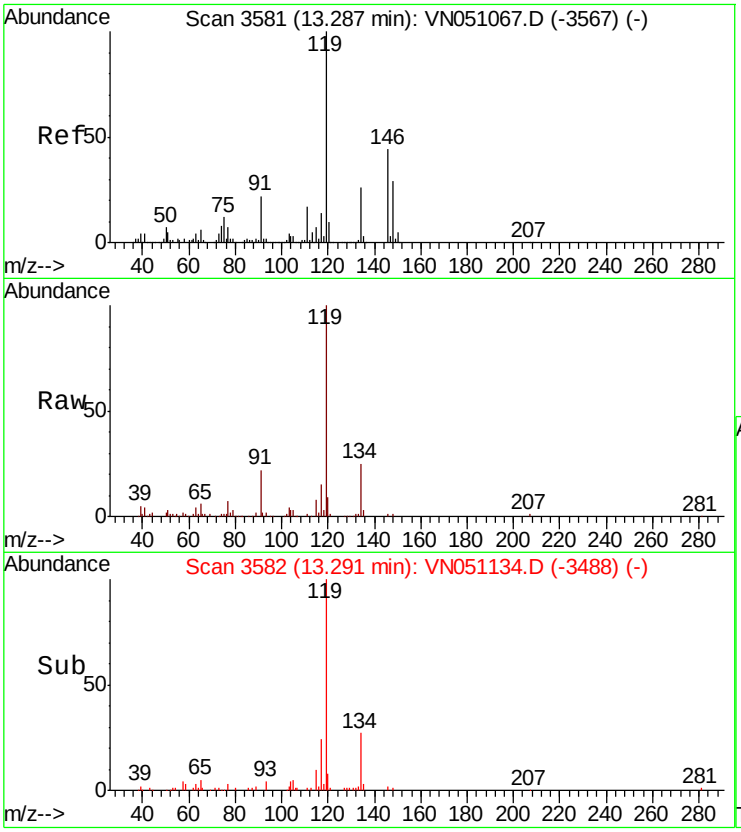


#85
sec-Butylbenzene
Concen: 9.32 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. -0.00 min
Lab File: VN051134.D
Acq: 11 Sep 2018 18:05

Tgt Ion:105 Resp: 229081

Ion	Ratio	Lower	Upper
105	100		
134	28.3	10.4	31.4





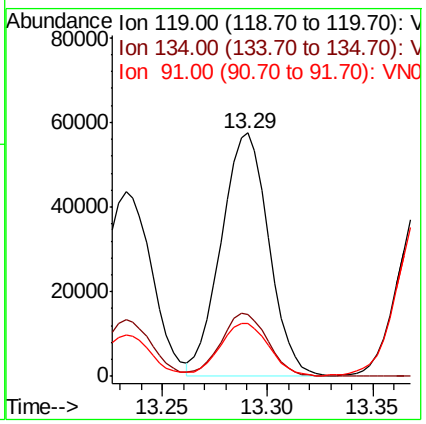
#86
p-Isopropyltoluene
Concen: 4.30 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN051134.D
Acq: 11 Sep 2018 18:05

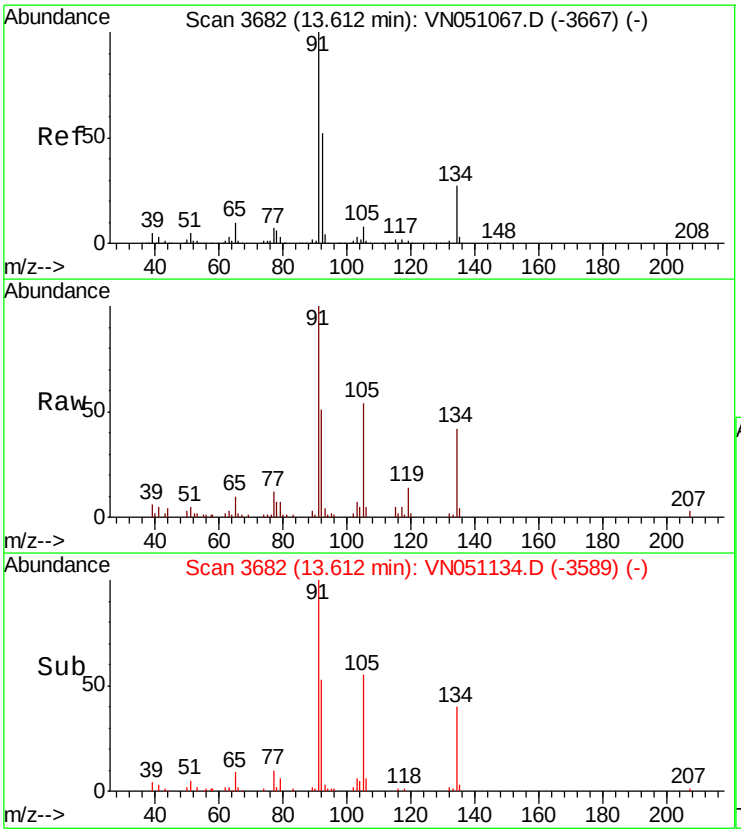
Tgt Ion:119 Resp: 89525

Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.5	40.4
91	22.2	10.9	32.9

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-HDL

Manual Integrations APPROVED
MMDadoda
9/12/2018 10:07:34 AM





#89
n-Butylbenzene
Concen: 2.57 ug/l m
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN051134.D
Acq: 11 Sep 2018 18:05

Tgt Ion: 91 Resp: 41648

Ion	Ratio	Lower	Upper
91	100		
92	55.8	26.2	78.6
134	125.5	13.7	41.1#