Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053083.D
Acq On : 21 Dec 2018 3:56
Operator : MD\SY
Sample : J6519-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : DUP-122018-02

Manual Integrations APPROVED
MMDadoda
12/21/2018 11:31:43 AM

Quant Time: Dec 21 07:25:23 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	1263661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1928163	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1755294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	804073	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	602610	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.98%			
35) Dibromofluoromethane	7.59	113	537345	61.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 122.02%			
50) Toluene-d8	10.09	98	2363358	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.96%			
62) 4-Bromofluorobenzene	12.40	95	822249	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.08%			
Target Compounds						Qvalue
16) Acetone	3.82	43	1300438	517.209	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	141855	4.401	ug/l	98
39) Methylcyclohexane	9.08	83	67395	2.998	ug/l	97
73) Isopropylbenzene	12.25	105	220526	3.505	ug/l	99
78) n-propylbenzene	12.59	91	152162	2.124	ug/l	100
83) tert-Butylbenzene	12.99	119	73595	1.623	ug/l	99
85) sec-Butylbenzene	13.17	105	238987	3.896	ug/l #	78
89) n-Butylbenzene	13.61	91	35276m	0.774	ug/l	

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

Quantitation Report (LSC Reviewed)

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Instrument :
MSVOA_N
ClientSampleId :
DUP-122018-02

Manual Integrations APPROVED
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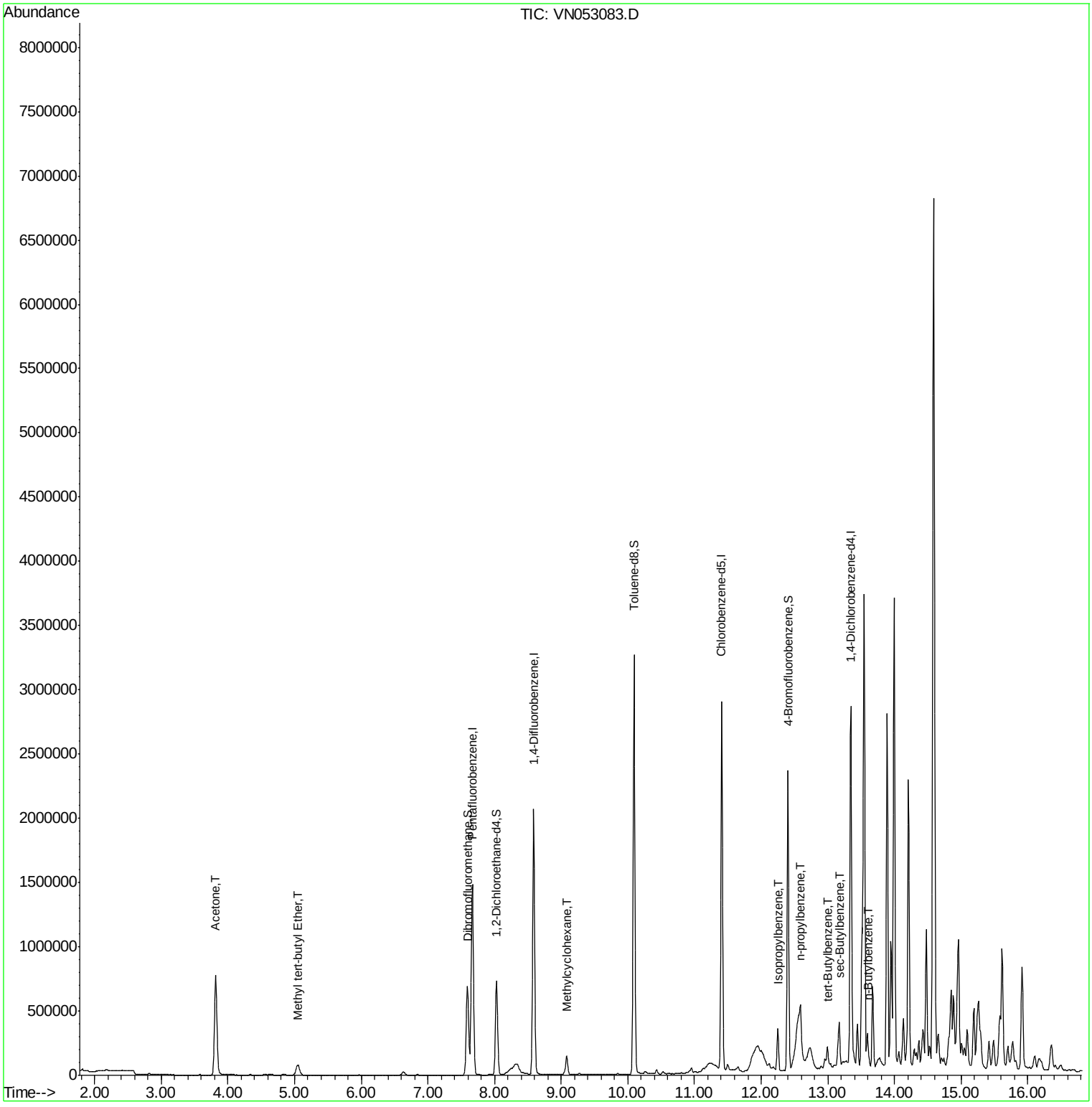
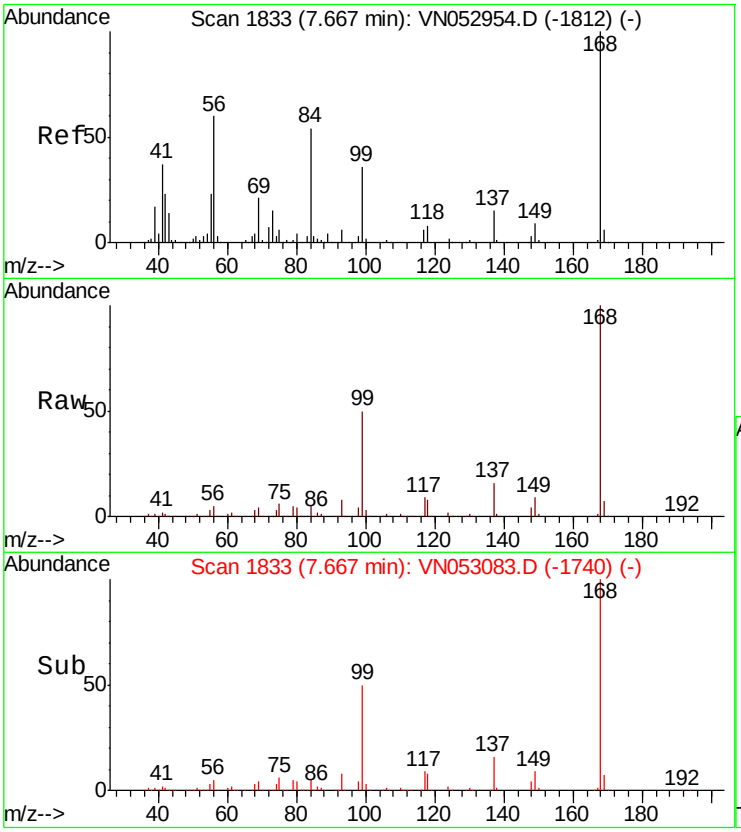
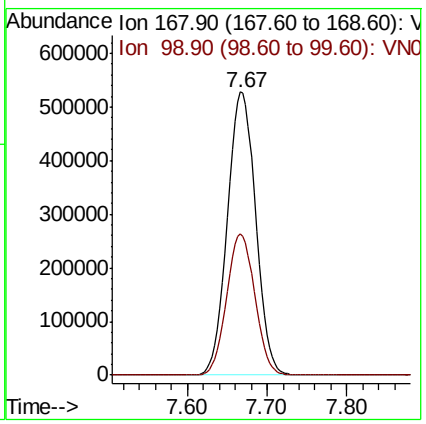




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN053083.D
Acq: 21 Dec 2018 3:56

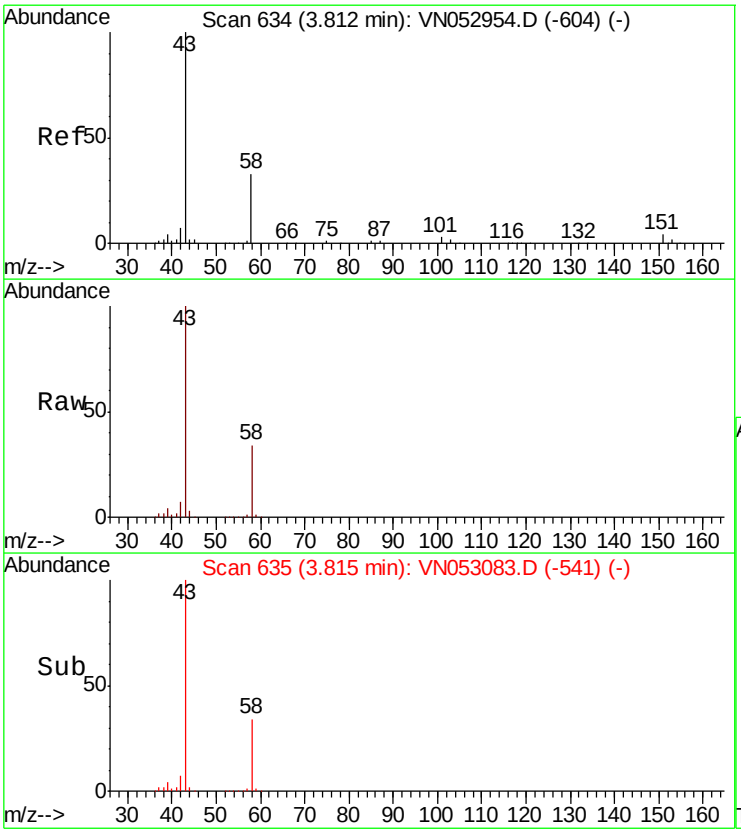
Tgt Ion:168 Resp: 1263661

Ion	Ratio	Lower	Upper
168	100		
99	49.9	40.2	60.2



Instrument :
MSVOA_N
ClientSampleId :
DUP-122018-02

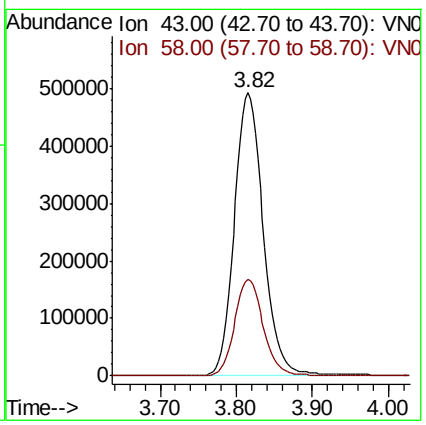
Manual Integrations APPROVED
MMDadoda
12/21/2018 11:31:43 AM

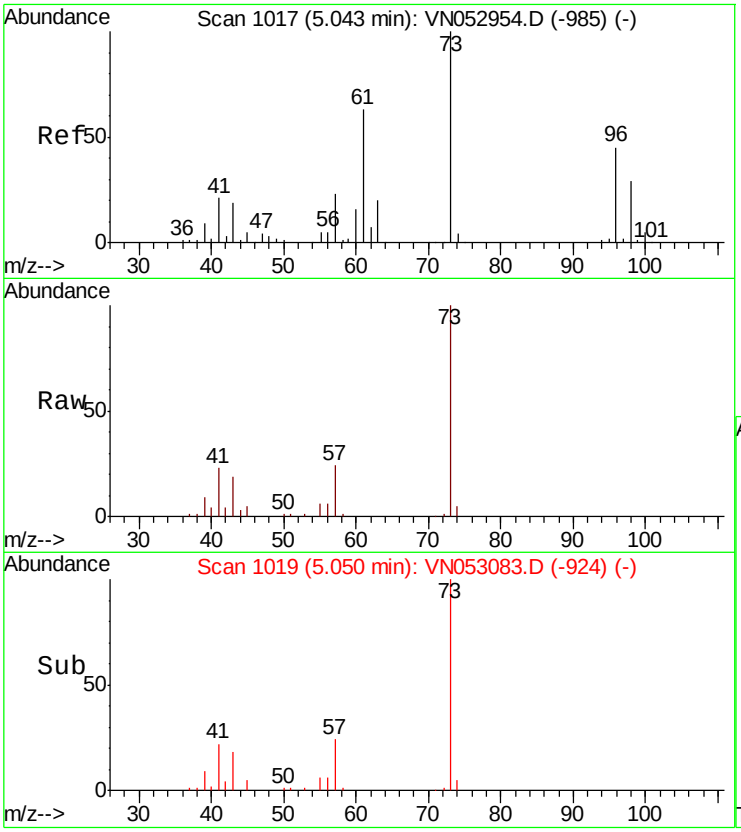


#16
Acetone
Concen: 517.209 ug/l
RT: 3.82 min Scan# 635
Delta R.T. 0.00 min
Lab File: VN053083.D
Acq: 21 Dec 2018 3:56

Tgt Ion: 43 Resp: 1300438

Ion	Ratio	Lower	Upper
43	100		
58	33.9	25.4	38.0

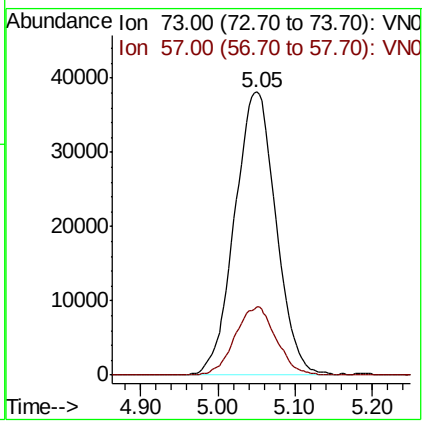




#19
Methyl tert-butyl Ether
Concen: 4.401 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VN053083.D
Acq: 21 Dec 2018 3:56

Tgt Ion: 73 Resp: 141855

Ion	Ratio	Lower	Upper
73	100		
57	23.9	18.4	27.6



Instrument :
MSVOA_N
ClientSampleId :
DUP-122018-02

Manual Integrations APPROVED
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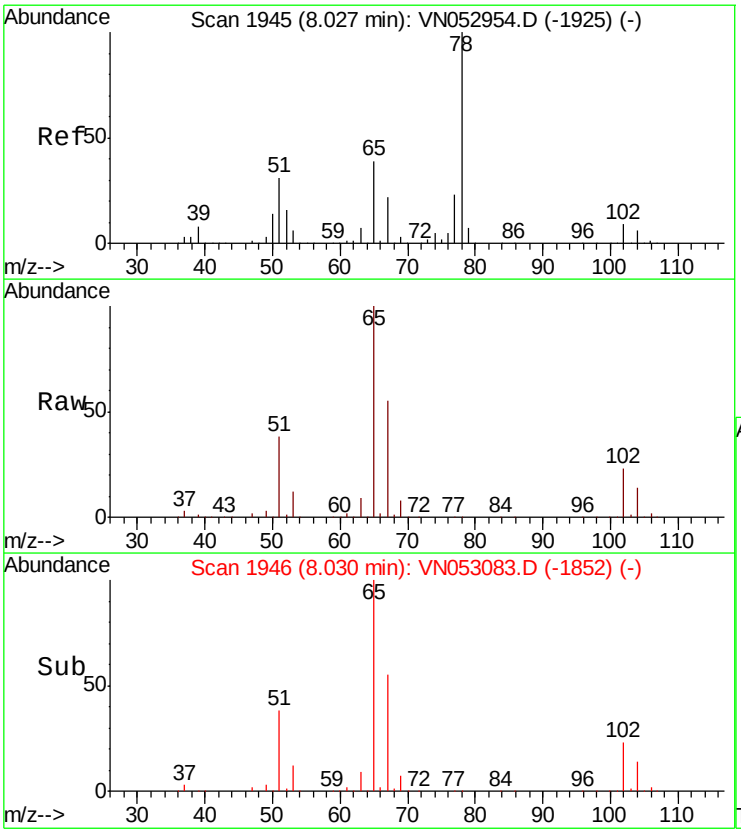
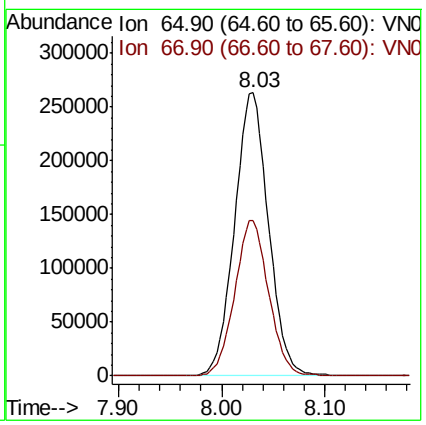
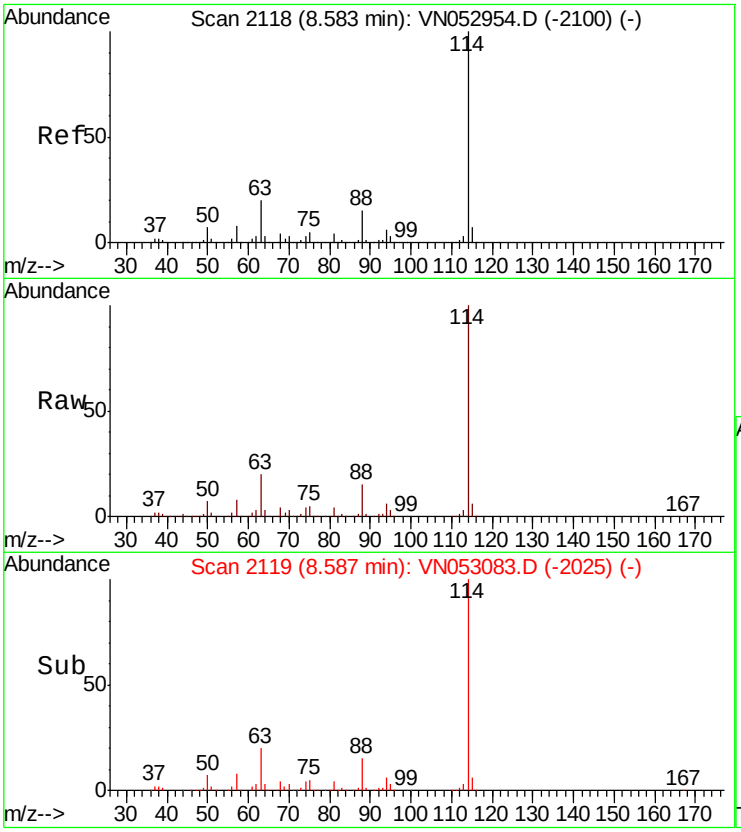


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN053083.D
Acq: 21 Dec 2018 3:56

Tgt Ion: 65 Resp: 602610

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	110.4

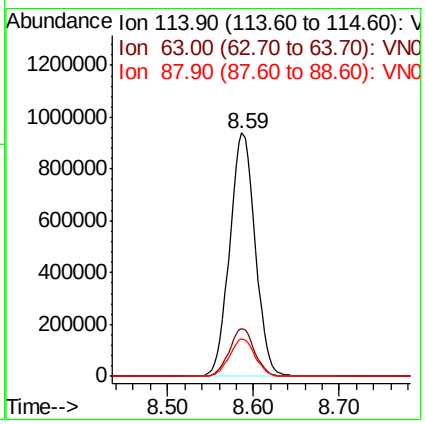




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053083.D
Acq: 21 Dec 2018 3:56

Tgt Ion:114 Resp: 1928163

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.8
88	15.4	0.0	31.0



Instrument :
MSVOA_N
ClientSampleId :
DUP-122018-02

Manual Integrations APPROVED
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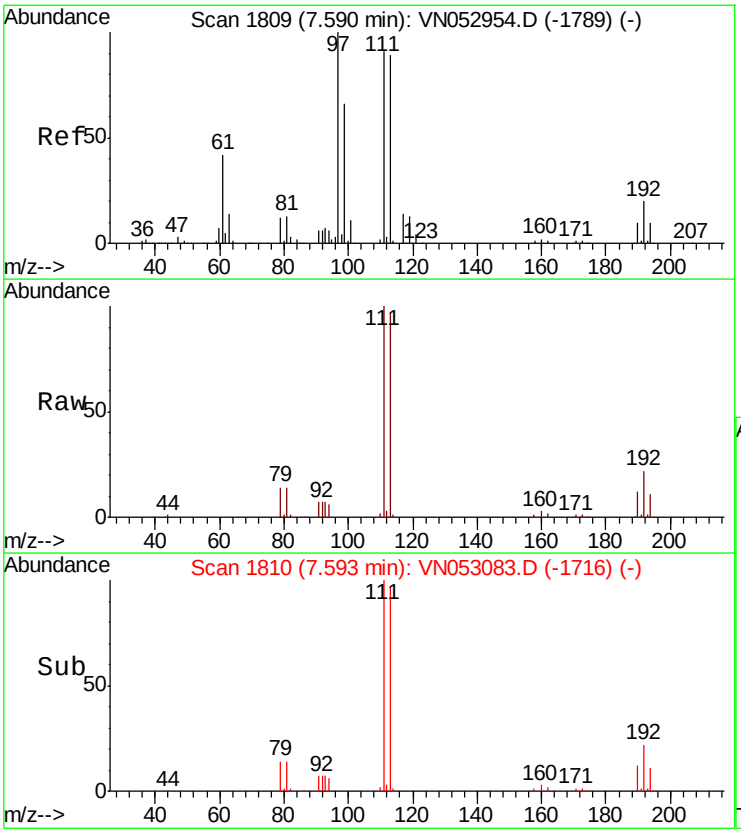
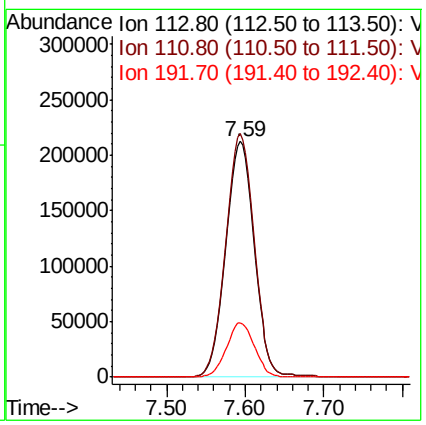
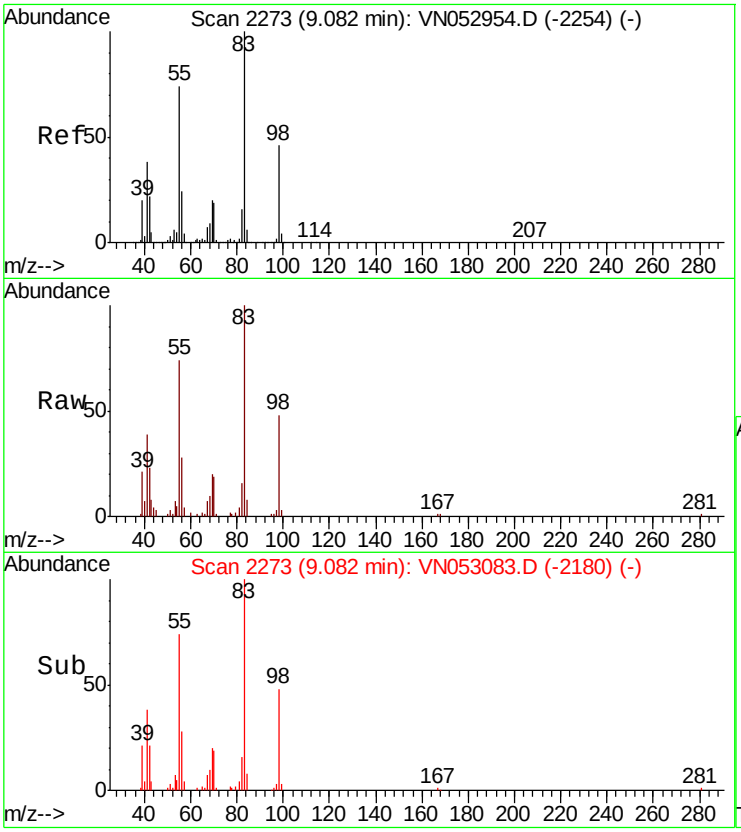


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053083.D
Acq: 21 Dec 2018 3:56

Tgt Ion:113 Resp: 537345

Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.0	124.4
192	22.6	17.5	26.3

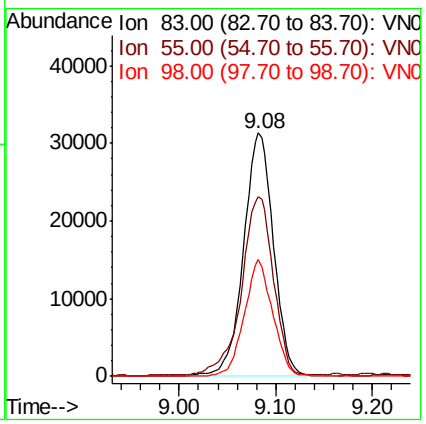




#39
Methylcyclohexane
Concen: 2.998 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053083.D
Acq: 21 Dec 2018 3:56

Tgt Ion: 83 Resp: 67395

Ion	Ratio	Lower	Upper
83	100		
55	73.3	61.3	91.9
98	47.9	37.0	55.4



Instrument :
MSVOA_N
ClientSampleId :
DUP-122018-02

Manual Integrations APPROVED
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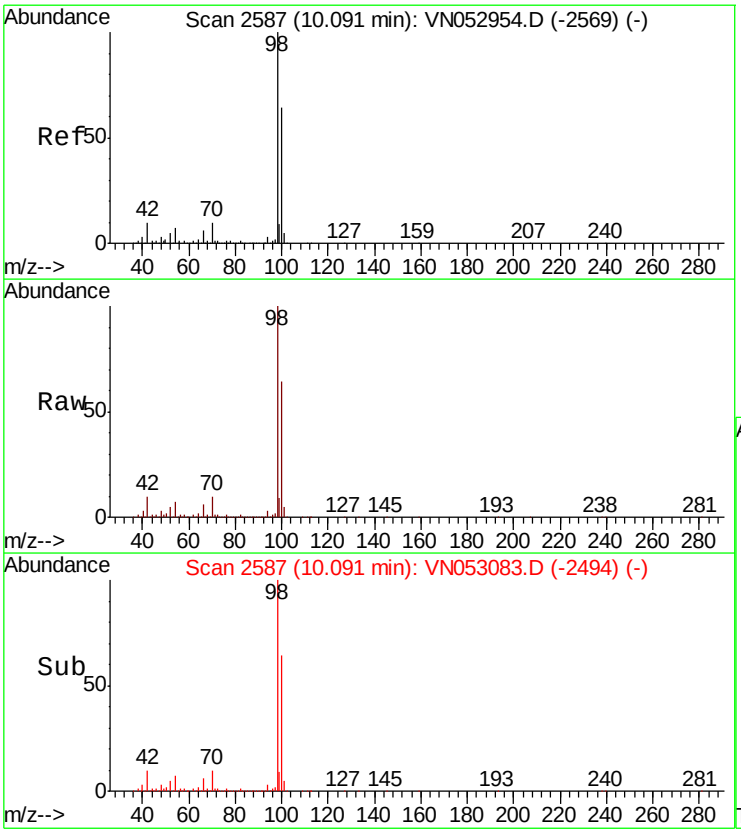
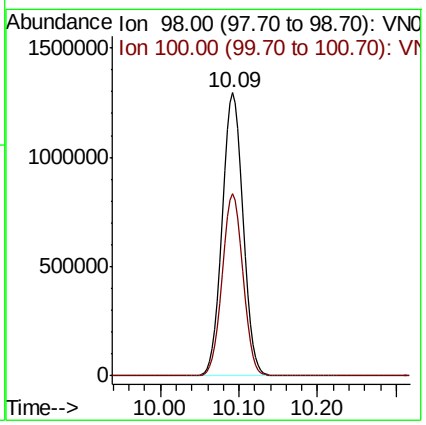
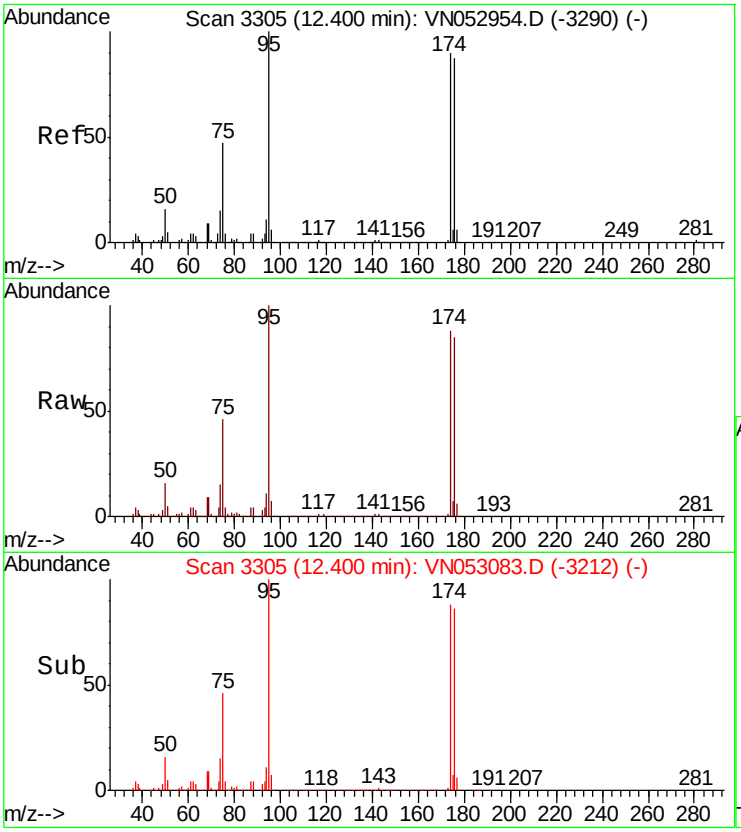


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053083.D
Acq: 21 Dec 2018 3:56

Tgt Ion: 98 Resp: 2363358

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4

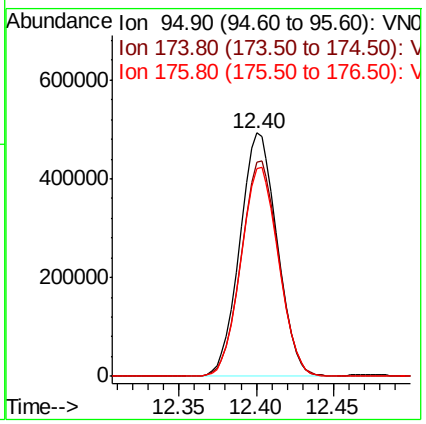




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN053083.D
Acq: 21 Dec 2018 3:56

Tgt Ion: 95 Resp: 822249

Ion	Ratio	Lower	Upper
95	100		
174	89.3	0.0	178.8
176	87.2	0.0	173.8



Instrument :
MSVOA_N
ClientSampleId :
DUP-122018-02

Manual Integrations APPROVED
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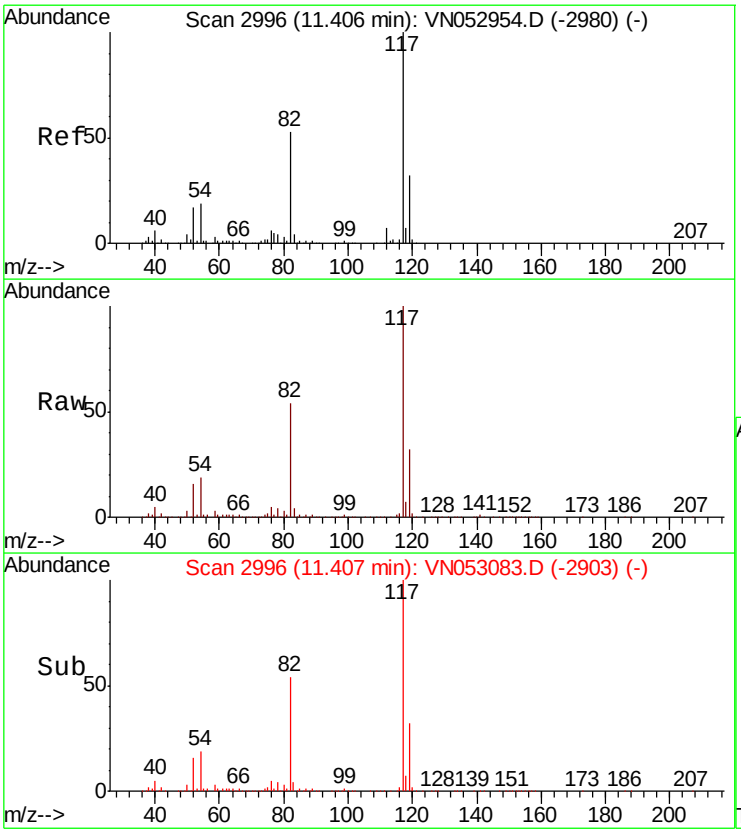
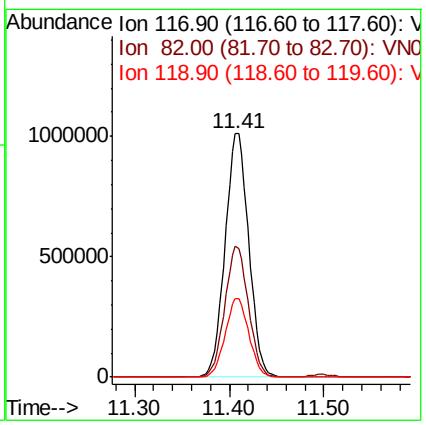
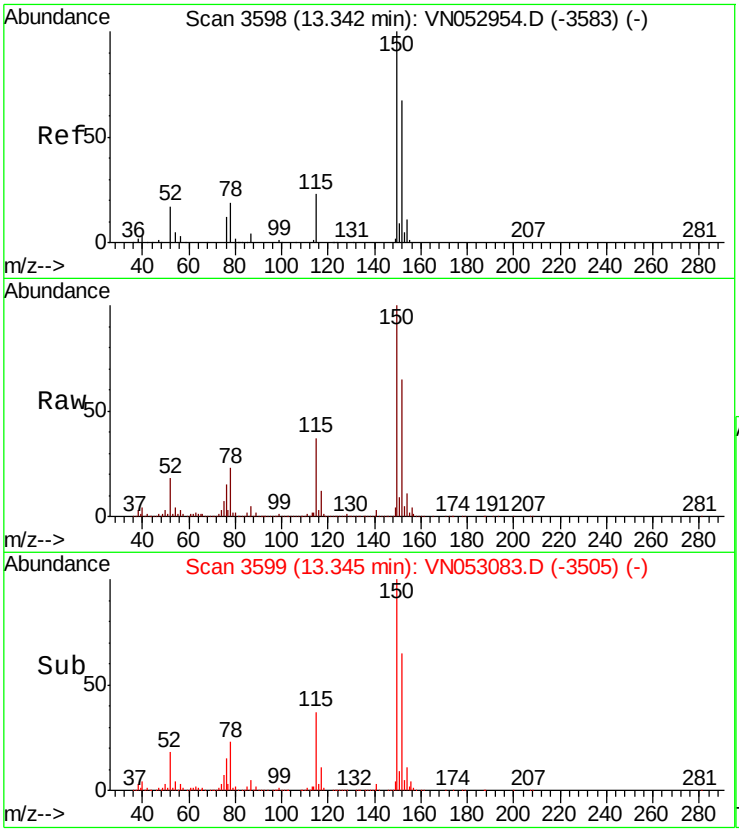


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053083.D
Acq: 21 Dec 2018 3:56

Tgt Ion:117 Resp: 1755294

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

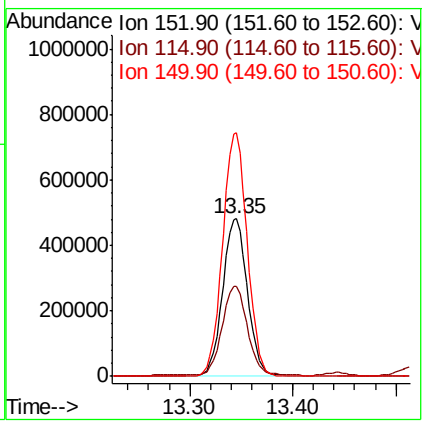




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053083.D
Acq: 21 Dec 2018 3:56

Tgt Ion:152 Resp: 804073

Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.3	85.0
150	152.9	0.0	347.8



Instrument :
MSVOA_N
ClientSampleId :
DUP-122018-02

Manual Integrations APPROVED
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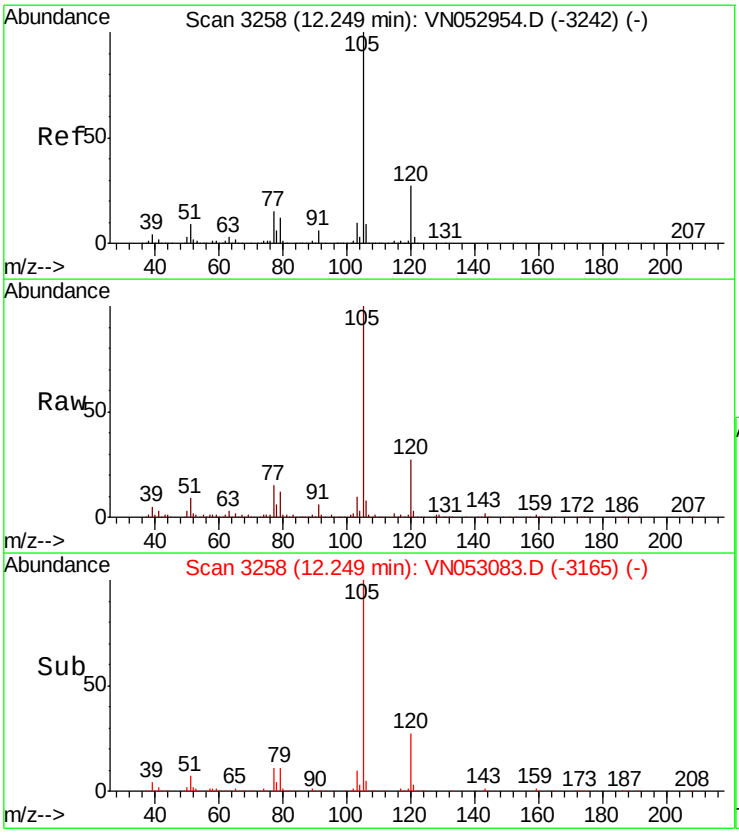
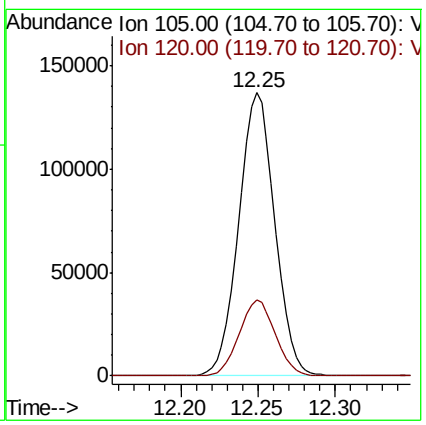
12/21/2018 11:31:43 AM

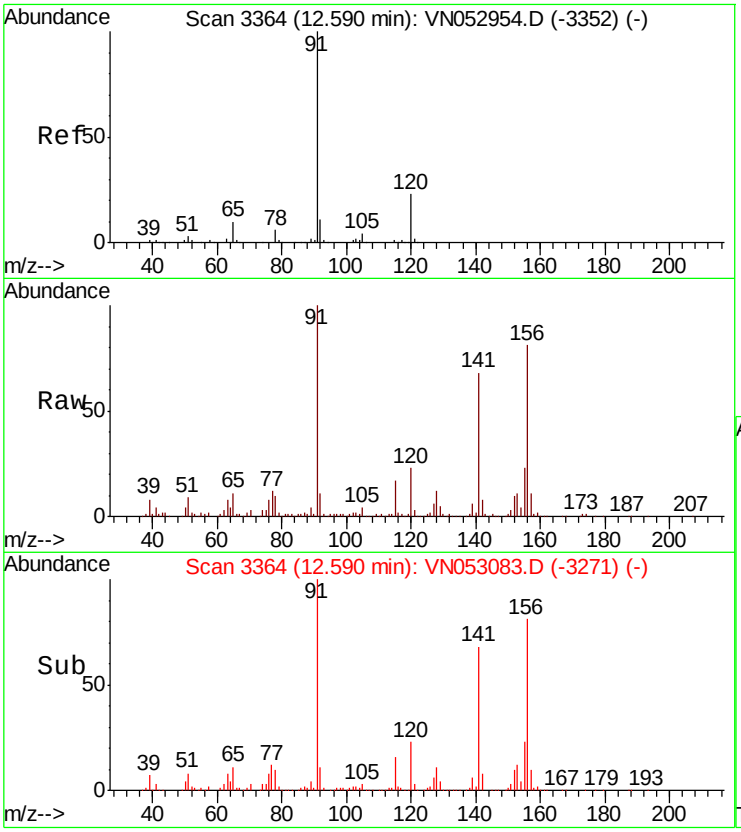


#73
Isopropylbenzene
Concen: 3.505 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN053083.D
Acq: 21 Dec 2018 3:56

Tgt Ion:105 Resp: 220526

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.3	39.9





#78
n-propylbenzene
Concen: 2.124 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN053083.D
Acq: 21 Dec 2018 3:56

Tgt Ion: 91 Resp: 152162

Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.5	34.5

Instrument :
MSVOA_N
ClientSampleId :
DUP-122018-02

Manual Integrations APPROVED
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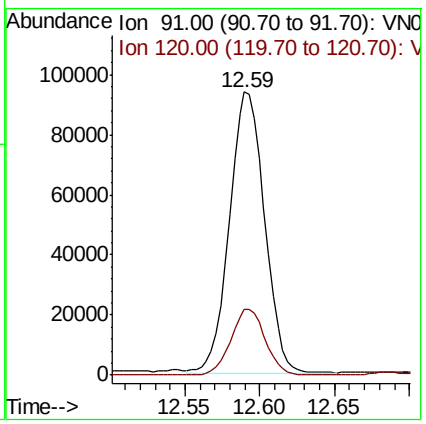
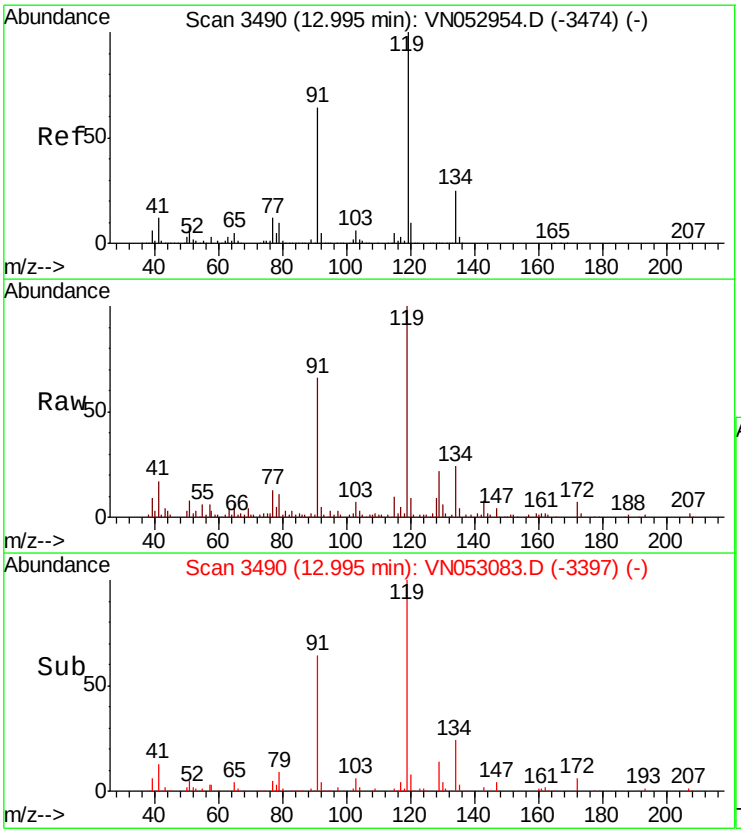
12/21/2018 11:31:43 AM

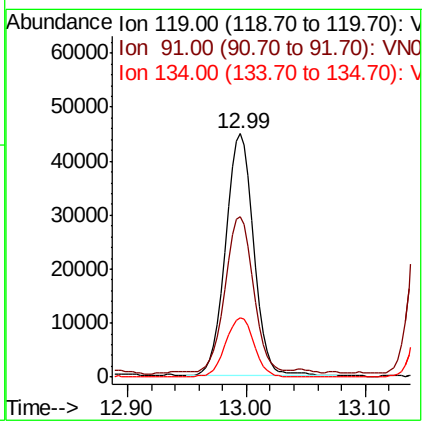


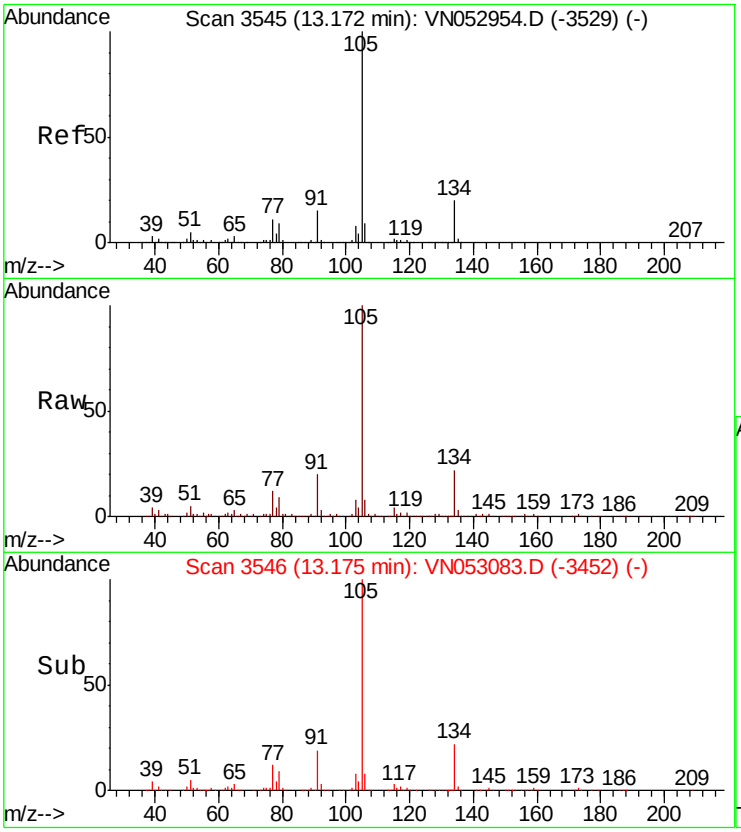


#83
tert-Butylbenzene
Concen: 1.623 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN053083.D
Acq: 21 Dec 2018 3:56

Tgt Ion:119 Resp: 73595

Ion	Ratio	Lower	Upper
119	100		
91	64.3	31.9	95.5
134	24.9	12.8	38.4





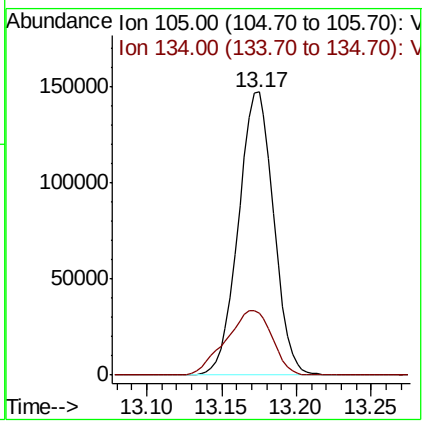
#85
sec-Butylbenzene
Concen: 3.896 ug/l
RT: 13.17 min Scan# 3546
Delta R.T. 0.00 min
Lab File: VN053083.D
Acq: 21 Dec 2018 3:56

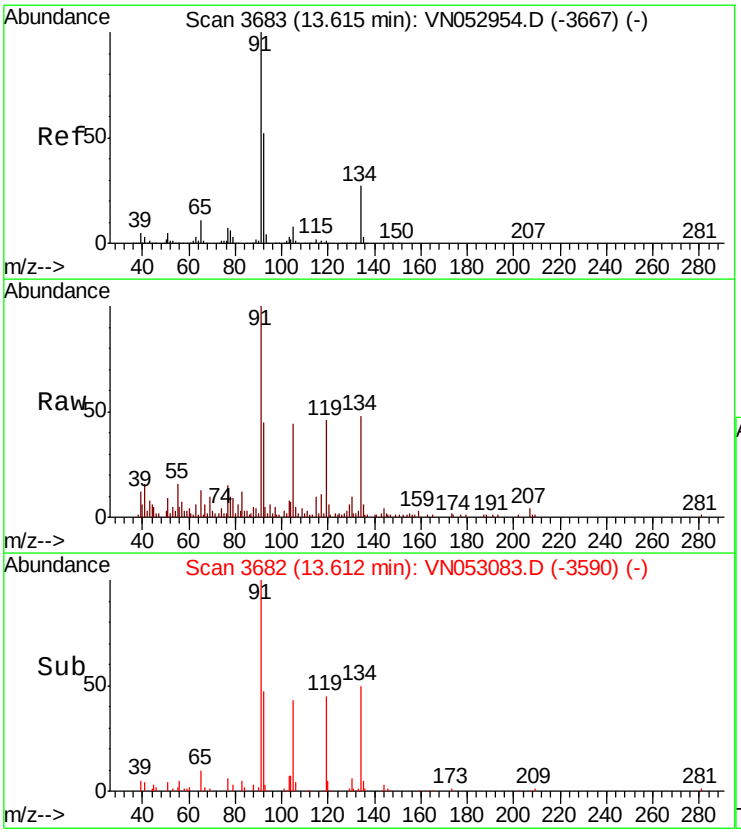
Tgt Ion:105 Resp: 238987

Ion	Ratio	Lower	Upper
105	100		
134	30.3	10.1	30.3#

Instrument :
MSVOA_N
ClientSampleId :
DUP-122018-02

Manual Integrations APPROVED
MMDadoda
12/21/2018 11:31:43 AM





#89
n-Butylbenzene
Concen: 0.774 ug/l m
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN053083.D
Acq: 21 Dec 2018 3:56

Tgt Ion: 91 Resp: 35276

Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.3	78.9#
134	149.1	13.3	39.8#