Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100118\
Data File : VN051643.D
Acq On : 1 Oct 2018 17:20
Operator : MD\SY
Sample : J5167-02DL 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE(SEP)DL

Manual Integrations APPROVED
MMDadoda
10/2/2018 3:04:00 PM

Quant Time: Oct 02 01:53:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Sep 29 01:07:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.20	128	95769	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	8.59	114	461938	30.00	ug/l		0.00
57) Chlorobenzene-d5	11.41	117	409909	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.03	65	209907	31.48	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 104.93%				
60) 4-Bromofluorobenzene	12.40	95	137764	21.86	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 72.87%				
63) Toluene-d8	10.09	98	541892	28.02	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 93.40%				
Target Compounds							Qvalue
15) Acetone	3.82	58	185393	345.955	ug/l		94
30) 2-Butanone	6.84	43	8271m	3.858	ug/l		
58) 4-Methyl-2-Pentanone	9.99	43	2602	0.559	ug/l	#	76
62) Toluene	10.16	91	1393173	55.429	ug/l		99
82) p-Isopropyltoluene	13.29	119	19449	0.901	ug/l		99

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

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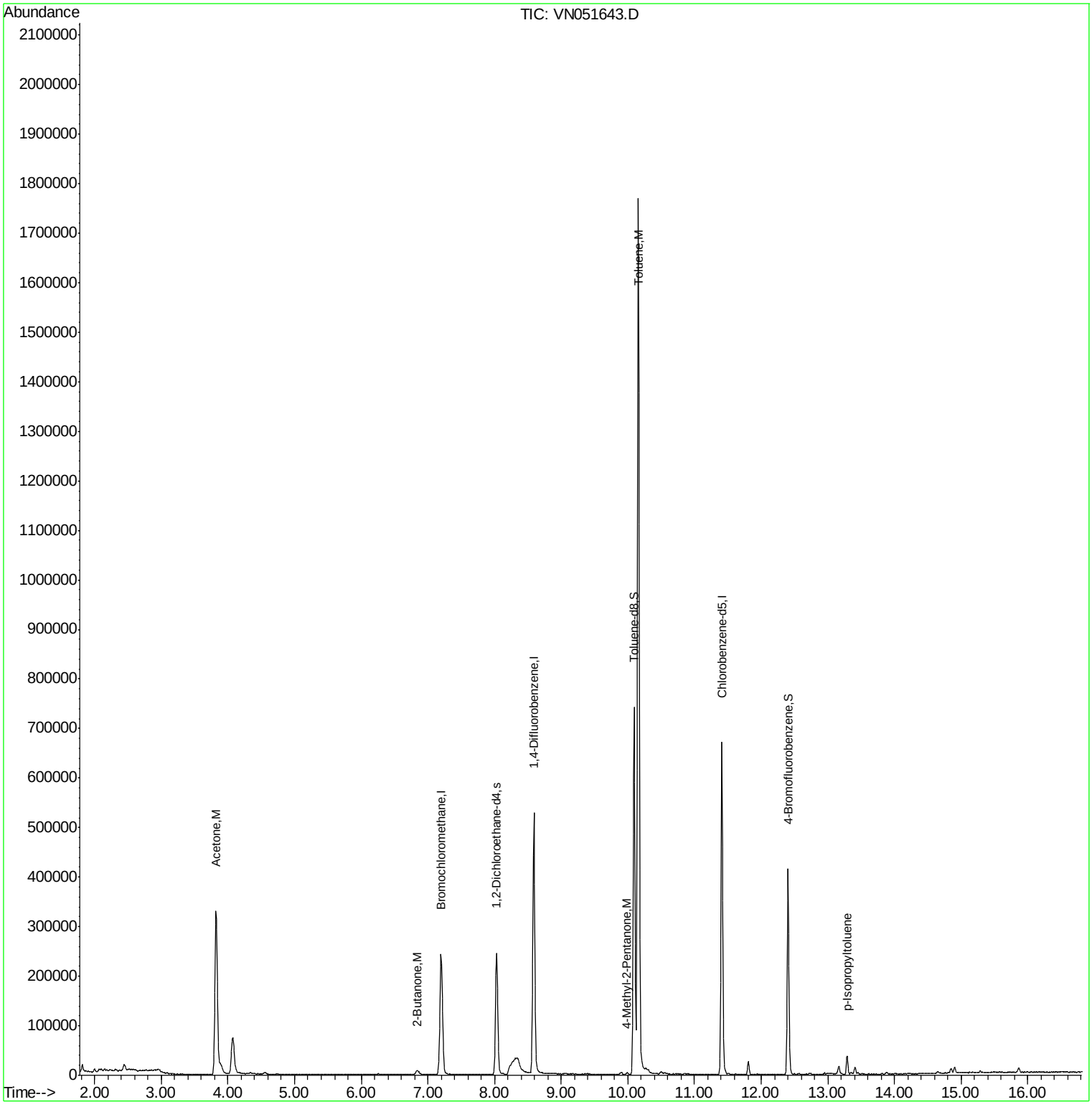
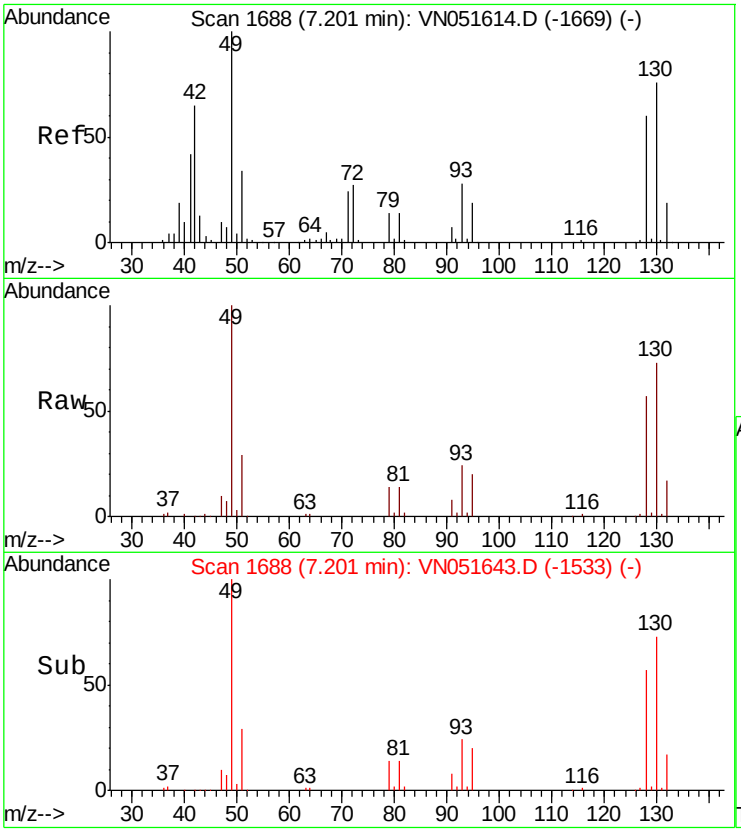
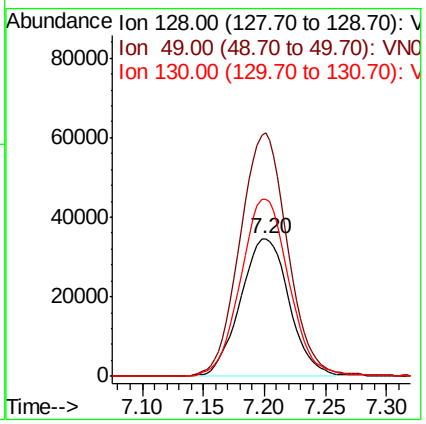




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN051643.D
Acq: 1 Oct 2018 17:20

Tgt Ion:128 Resp: 95769

Ion	Ratio	Lower	Upper
128	100		
49	172.7	0.0	426.8
130	127.7	0.0	326.3



Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE(SEP)DL

Manual Integrations APPROVED
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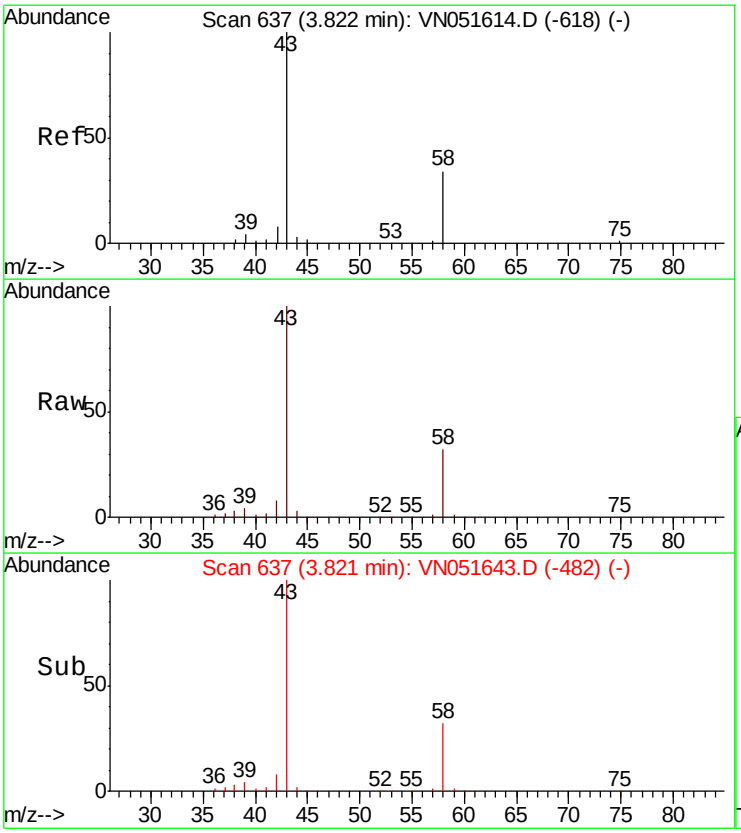
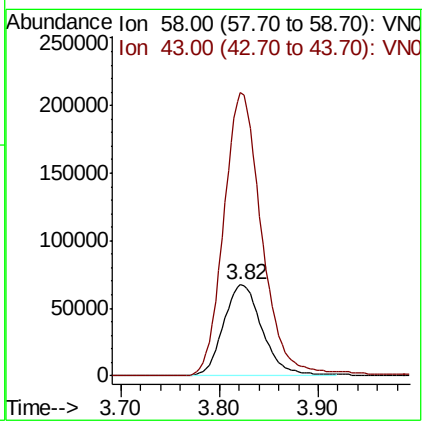
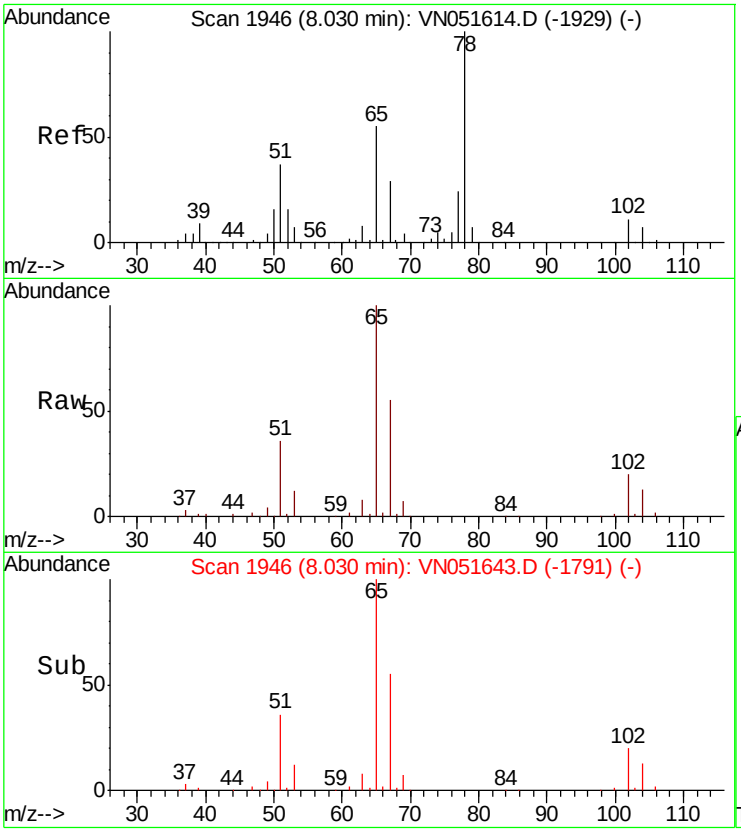


#15
Acetone
Concen: 345.955 ug/l
RT: 3.82 min Scan# 637
Delta R.T. -0.00 min
Lab File: VN051643.D
Acq: 1 Oct 2018 17:20

Tgt Ion: 58 Resp: 185393

Ion	Ratio	Lower	Upper
58	100		
43	309.6	238.0	357.0

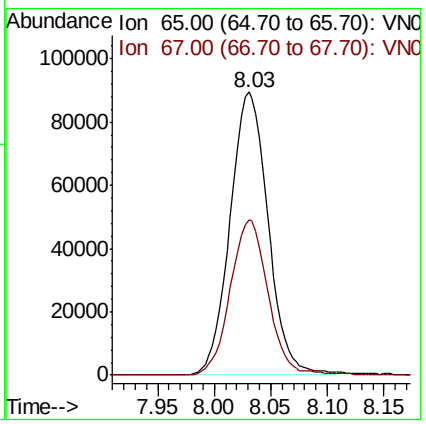




#27
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1946
Delta R.T. -0.00 min
Lab File: VN051643.D
Acq: 1 Oct 2018 17:20

Tgt Ion: 65 Resp: 209907

Ion	Ratio	Lower	Upper
65	100		
67	53.7	43.1	64.7



Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE(SEP)DL

Manual Integrations APPROVED
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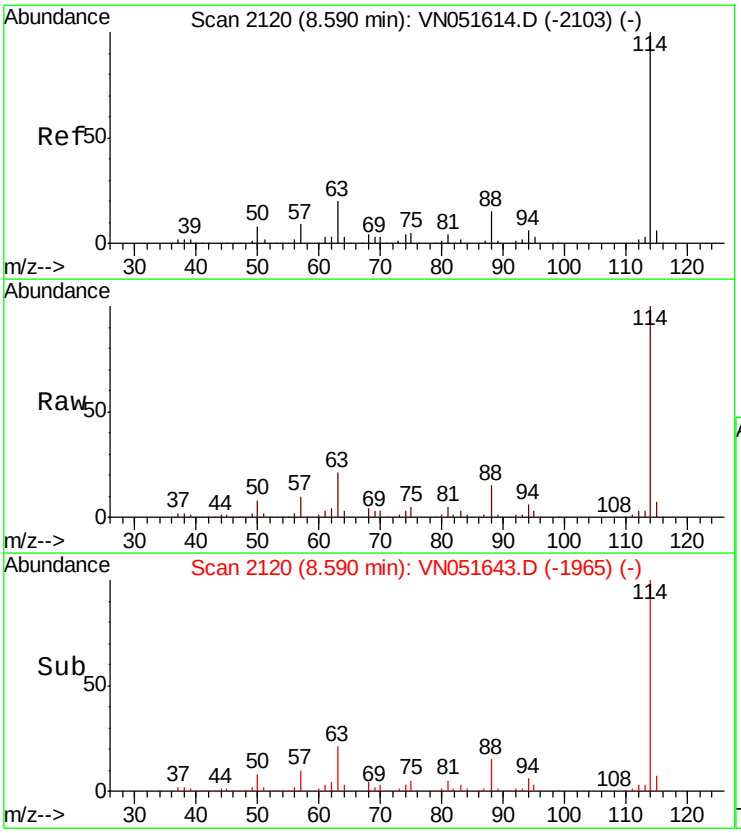
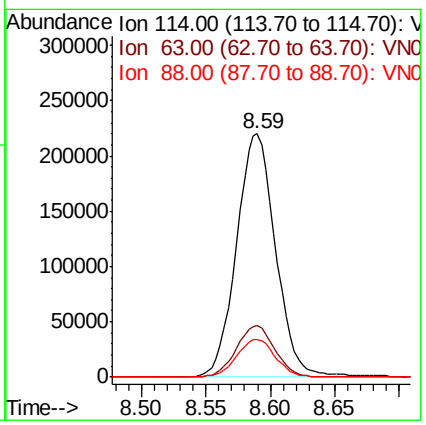
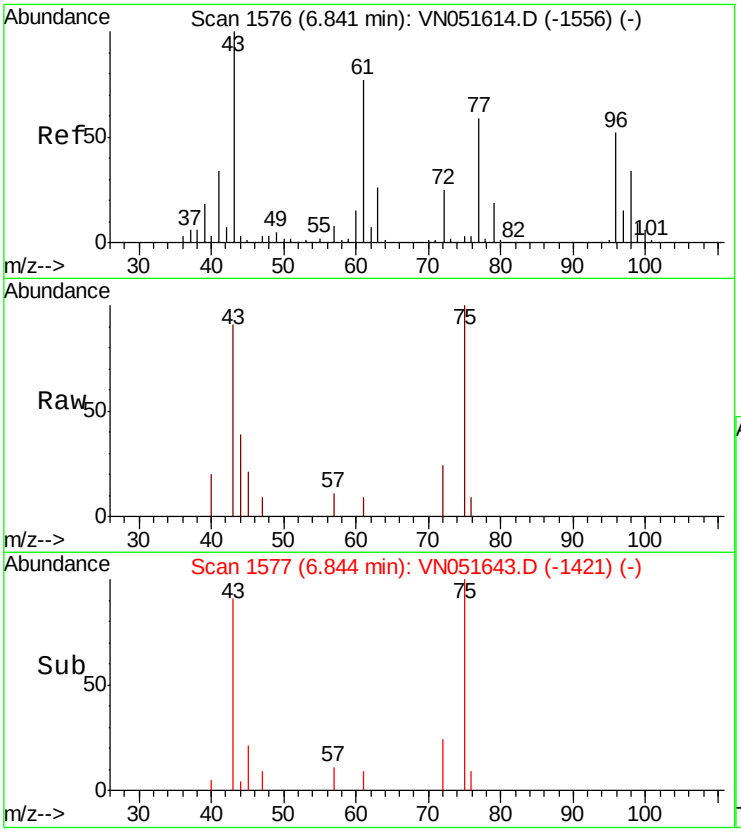


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2120
Delta R.T. -0.00 min
Lab File: VN051643.D
Acq: 1 Oct 2018 17:20

Tgt Ion:114 Resp: 461938

Ion	Ratio	Lower	Upper
114	100		
63	21.1	16.4	24.6
88	15.6	12.6	18.8





#30
2-Butanone
Concen: 3.858 ug/l m
RT: 6.84 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VN051643.D
Acq: 1 Oct 2018 17:20

Tgt Ion: 43 Resp: 8271

Ion	Ratio	Lower	Upper
43	100		
57	3.2	6.6	10.0#
72	10.9	20.8	31.2#

Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations APPROVED
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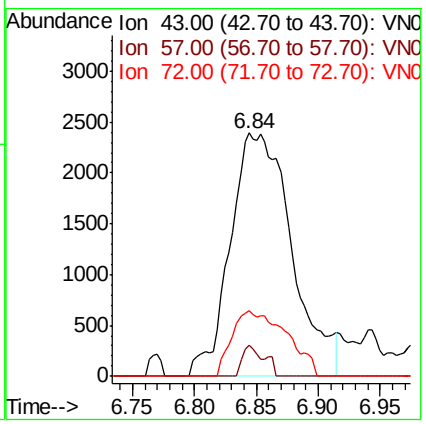
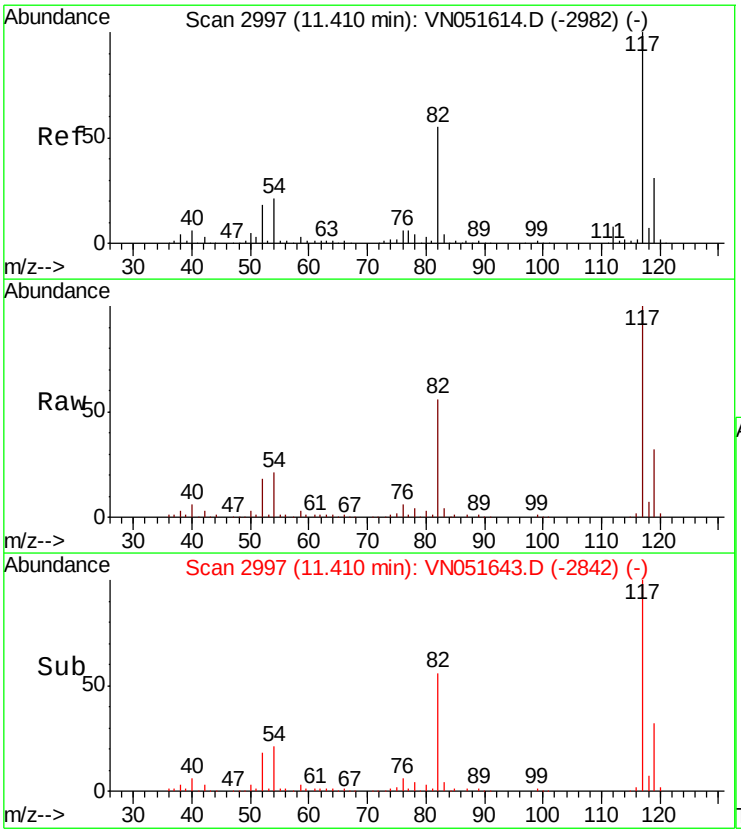
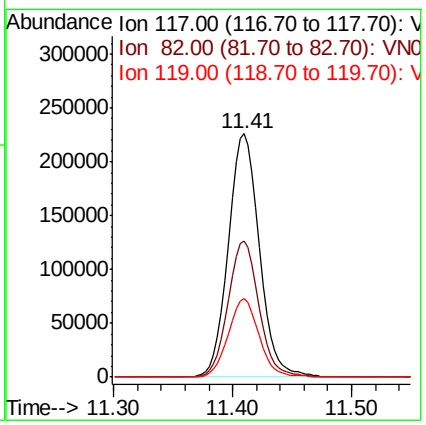


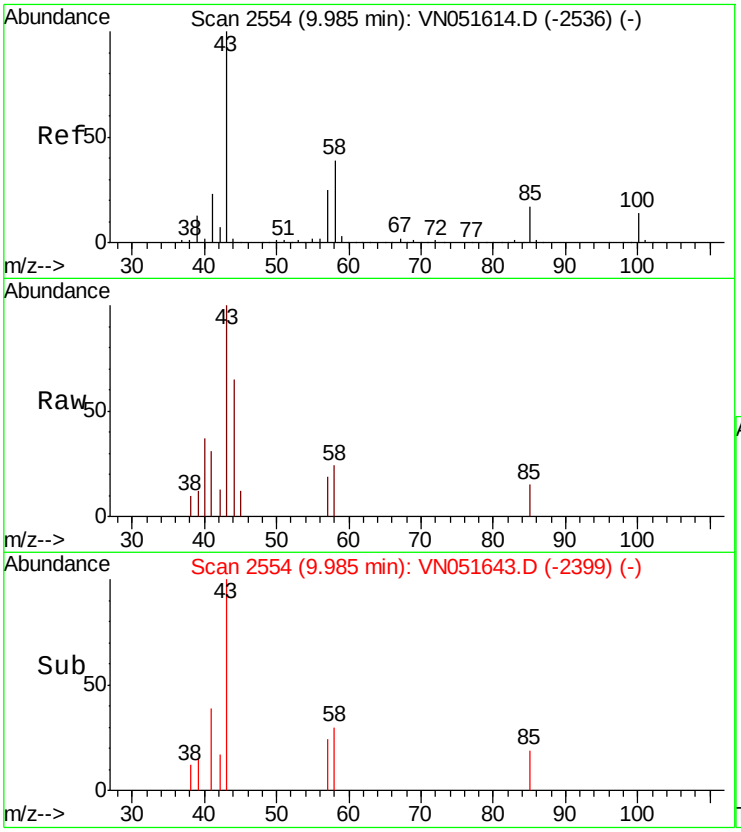


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN051643.D
Acq: 1 Oct 2018 17:20

Tgt Ion:117 Resp: 409909

Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.2	66.2
119	32.0	25.2	37.8

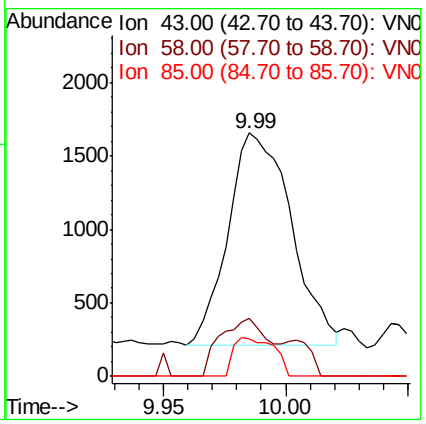




#58
4-Methyl-2-Pentanone
Concen: 0.559 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN051643.D
Acq: 1 Oct 2018 17:20

Tgt Ion: 43 Resp: 2602

Ion	Ratio	Lower	Upper
43	100		
58	21.4	31.0	46.4#
85	11.5	13.4	20.2#



Instrument :
MSVOA_N
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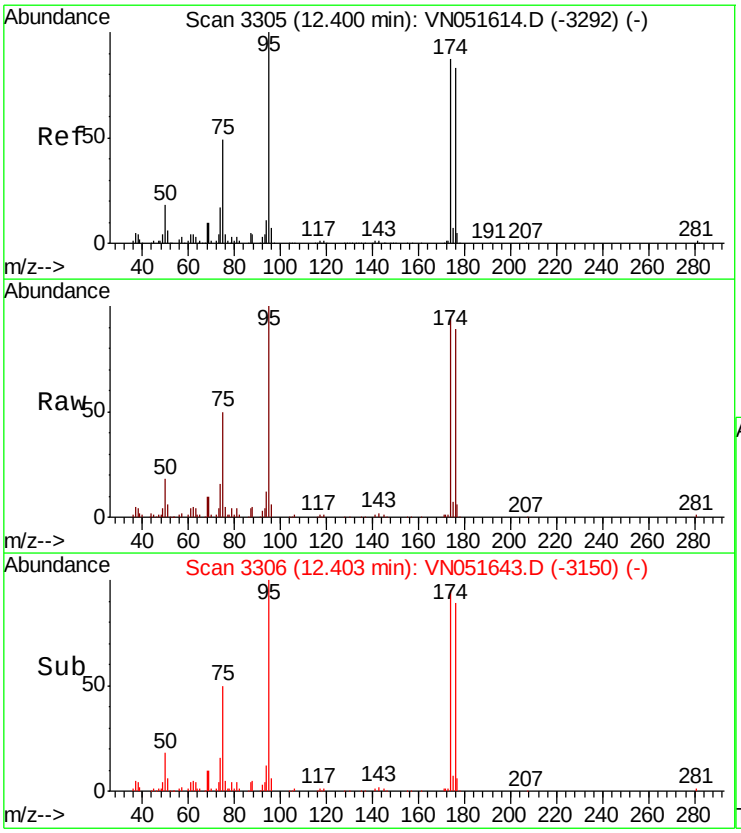
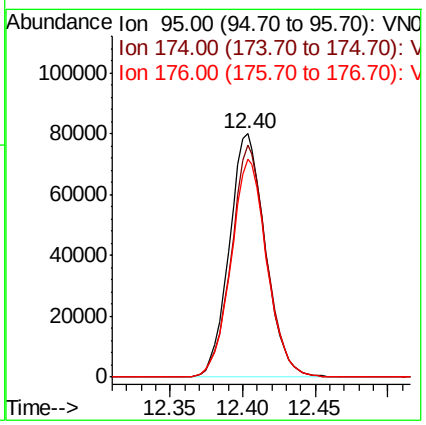
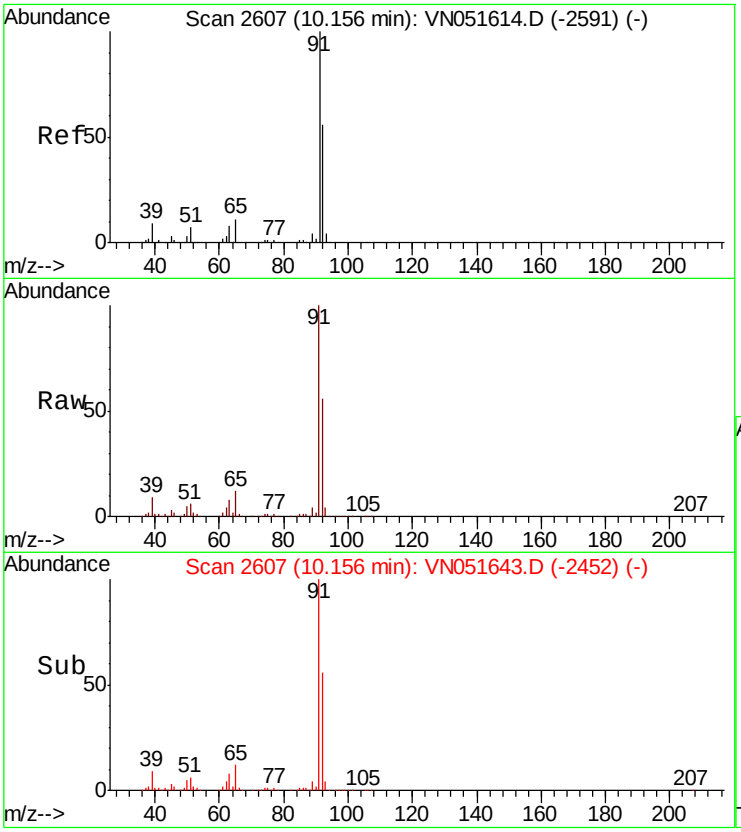


#60
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051643.D
Acq: 1 Oct 2018 17:20

Tgt Ion: 95 Resp: 137764

Ion	Ratio	Lower	Upper
95	100		
174	93.2	71.2	106.8
176	89.1	67.8	101.8





#62
Toluene
Concen: 55.429 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN051643.D
Acq: 1 Oct 2018 17:20

Tgt Ion: 91 Resp: 1393173

Ion	Ratio	Lower	Upper
91	100		
92	55.8	45.3	67.9

Instrument :
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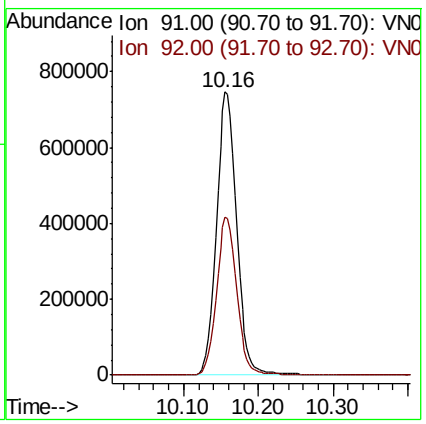
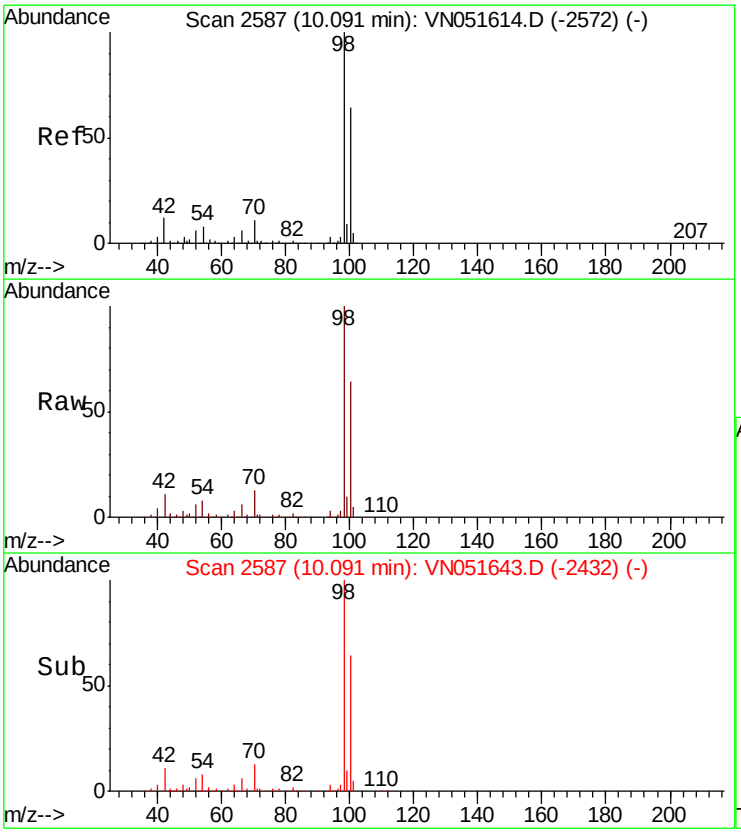
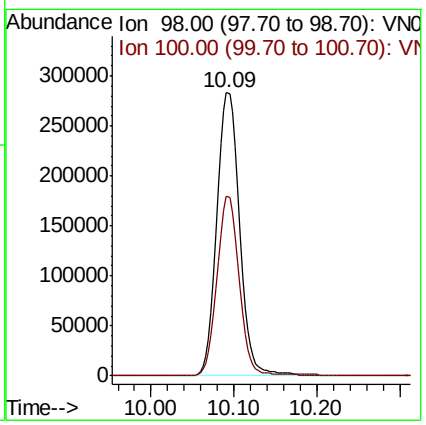


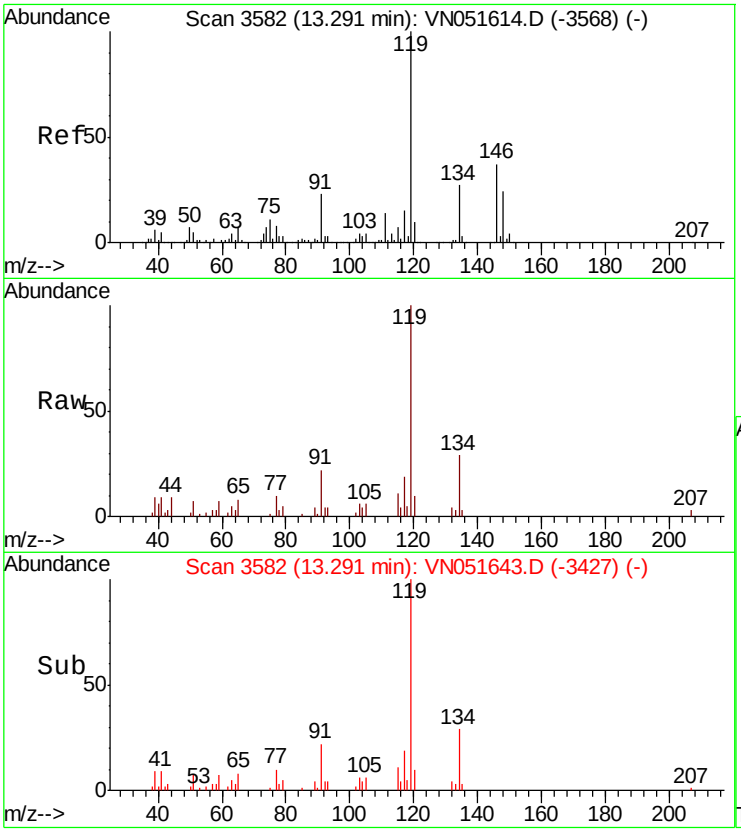


#63
Toluene-d8
Concen: 55.429 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051643.D
Acq: 1 Oct 2018 17:20

Tgt Ion: 98 Resp: 541892

Ion	Ratio	Lower	Upper
98	100		
100	61.0	51.4	77.0

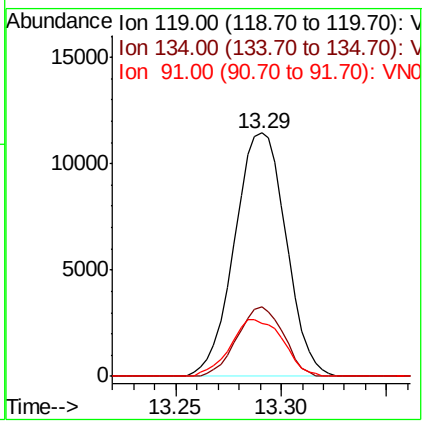




#82
p-Isopropyltoluene
Concen: 0.901 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. -0.00 min
Lab File: VN051643.D
Acq: 1 Oct 2018 17:20

Tgt Ion:119 Resp: 19449

Ion	Ratio	Lower	Upper
119	100		
134	25.6	0.0	52.0
91	23.9	0.0	46.0



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