Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121118\
Data File : VN052803.D
Acq On : 11 Dec 2018 15:42
Operator : MD\SY
Sample : PB115504ZHE#08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB115504ZHE#08

Manual Integrations APPROVED
MMDadoda
12/12/2018 11:33:33 AM

Quant Time: Dec 12 02:08:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1176474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1826150	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1603925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	610490	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	616389	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.24%			
35) Dibromofluoromethane	7.59	113	512083	45.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.98%			
50) Toluene-d8	10.09	98	2235630	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.02%			
62) 4-Bromofluorobenzene	12.40	95	703052	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.48%			
Target Compounds						Qvalue
16) Acetone	3.82	43	16177m	4.788	ug/l	
20) Methylene Chloride	4.56	84	14881	1.125	ug/l	93
43) Isopropyl Acetate	8.17	43	102006	5.727	ug/l #	70

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

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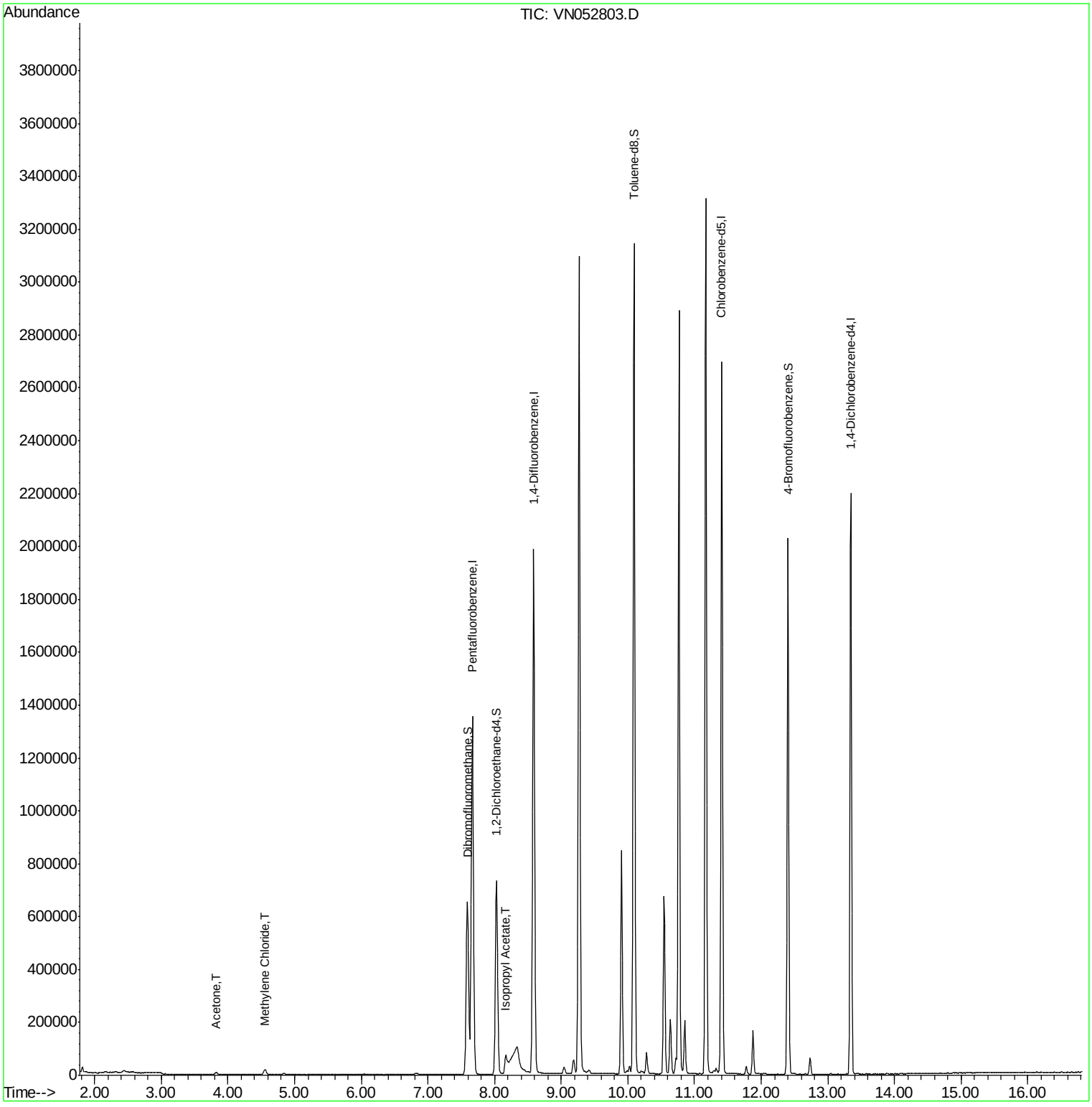
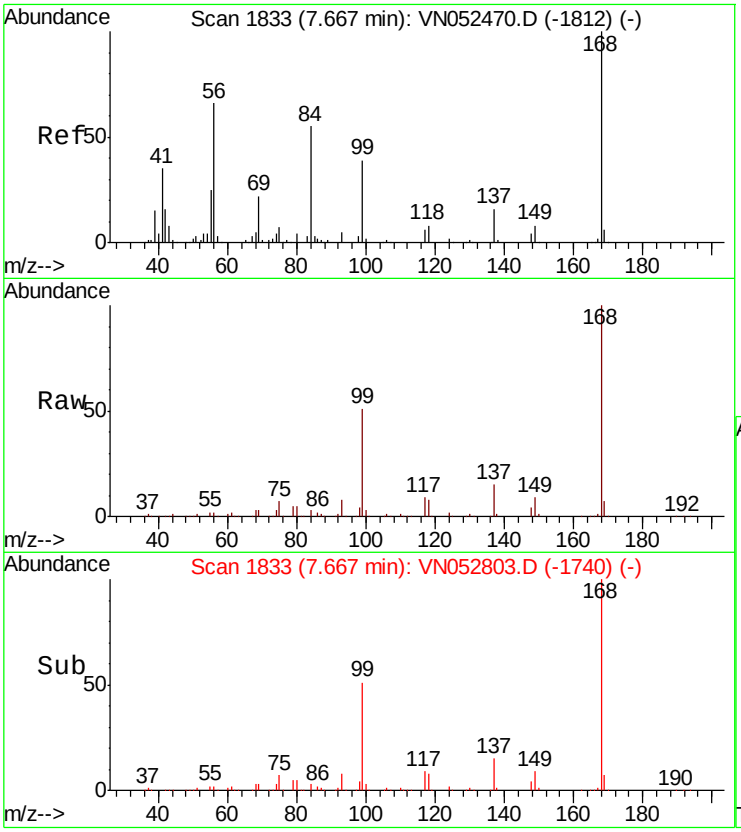
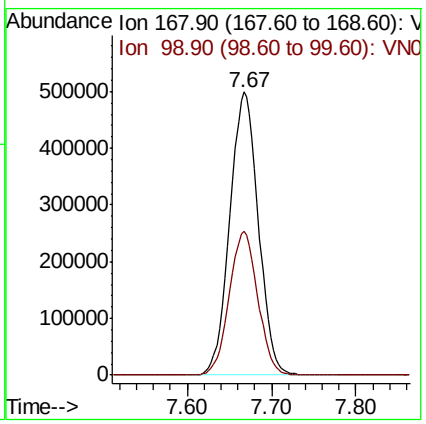




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN052803.D
Acq: 11 Dec 2018 15:42

Tgt Ion:168 Resp: 1176474

Ion	Ratio	Lower	Upper
168	100		
99	51.0	41.7	62.5



Instrument :
MSVOA_N
ClientSampleId :
PB115504ZHE#08

Manual Integrations APPROVED
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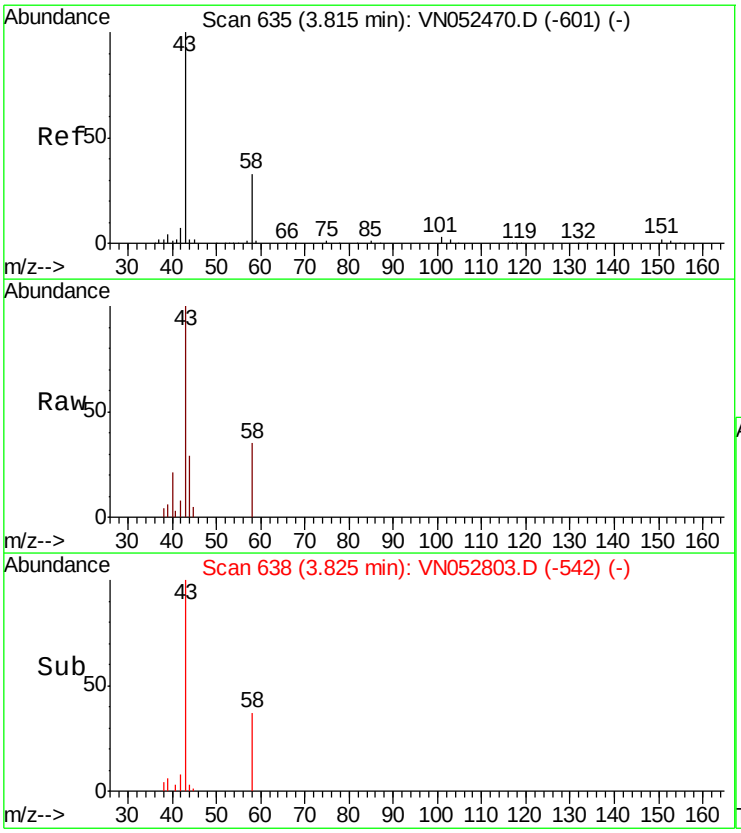
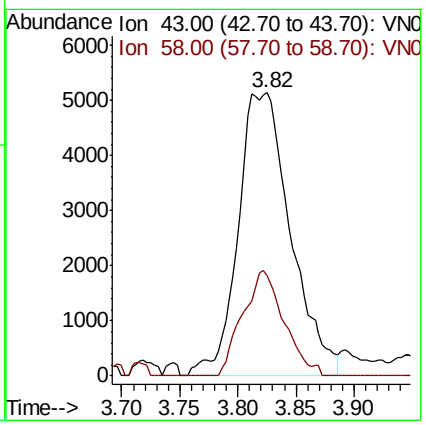
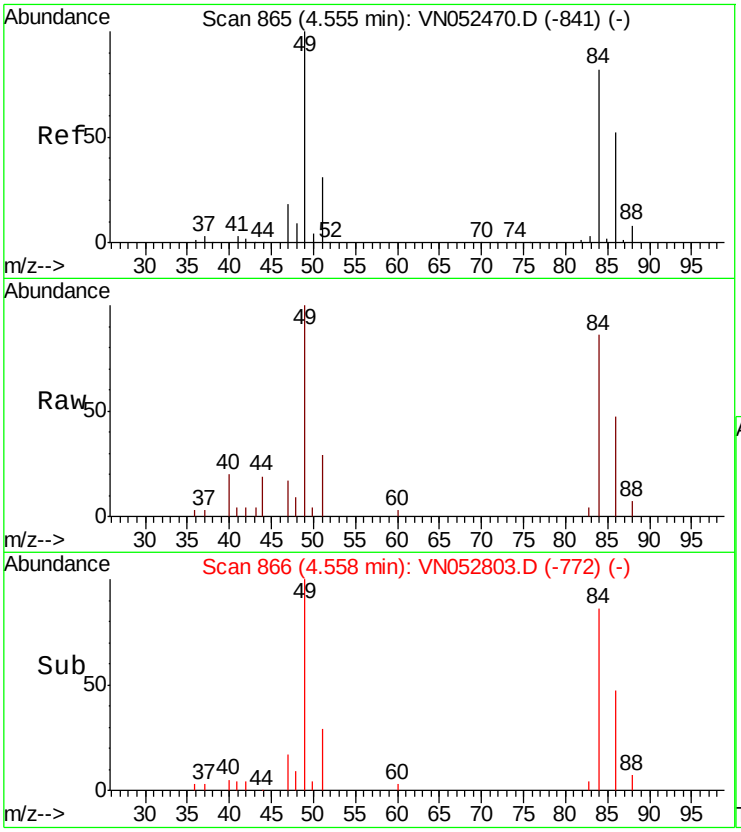


#16
Acetone
Concen: 4.788 ug/l m
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN052803.D
Acq: 11 Dec 2018 15:42

Tgt Ion: 43 Resp: 16177

Ion	Ratio	Lower	Upper
43	100		
58	35.4	26.0	39.0

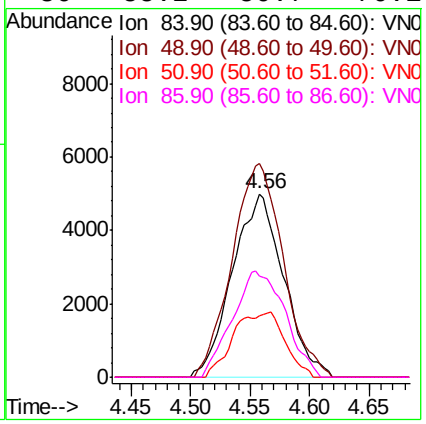




#20
Methylene Chloride
Concen: 1.125 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052803.D
Acq: 11 Dec 2018 15:42

Tgt Ion: 84 Resp: 14881

Ion	Ratio	Lower	Upper
84	100		
49	116.3	98.0	147.0
51	33.5	30.1	45.1
86	55.2	50.7	76.1



Instrument :
MSVOA_N
ClientSampleId :
PB115504ZHE#08

Manual Integrations APPROVED
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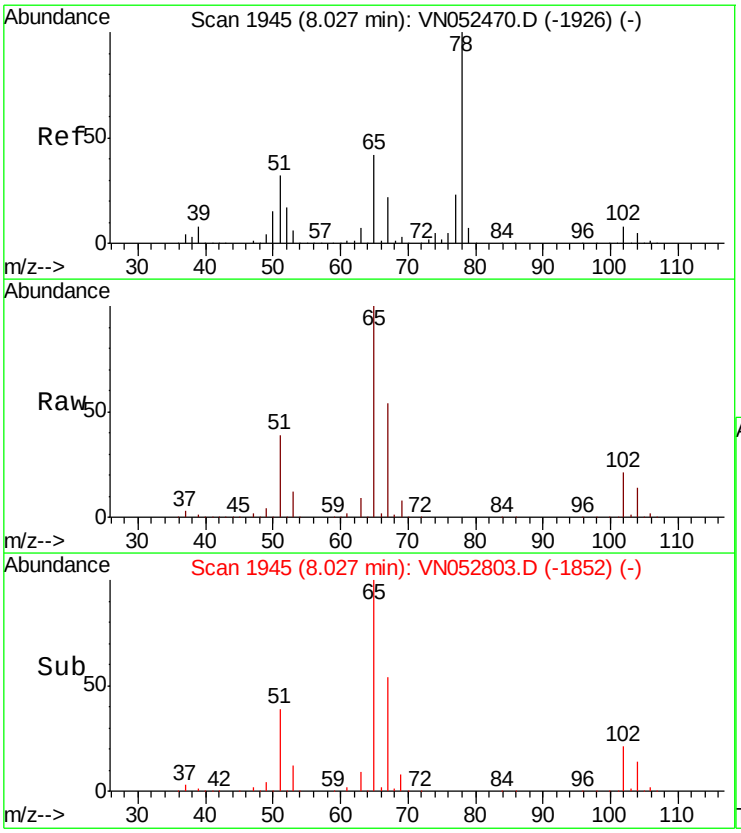
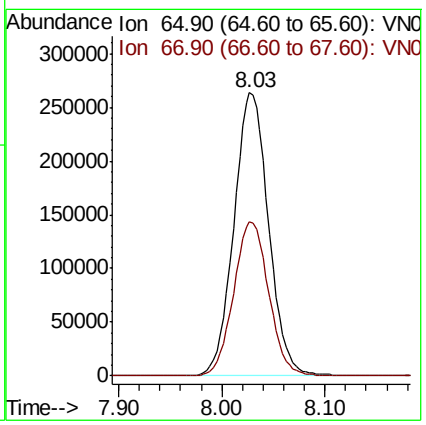
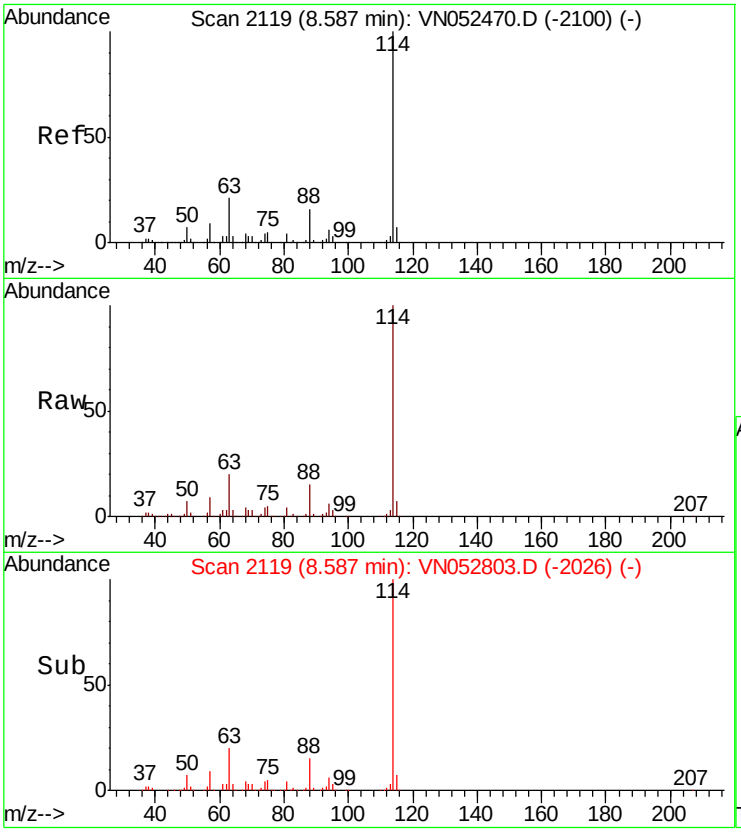


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052803.D
Acq: 11 Dec 2018 15:42

Tgt Ion: 65 Resp: 616389

Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	109.8

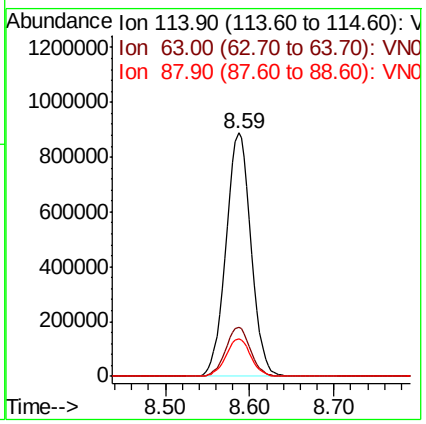




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN052803.D
Acq: 11 Dec 2018 15:42

Tgt Ion:114 Resp: 1826150

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.8
88	15.5	0.0	31.6



Instrument :
MSVOA_N
ClientSampleId :
PB115504ZHE#08

Manual Integrations APPROVED
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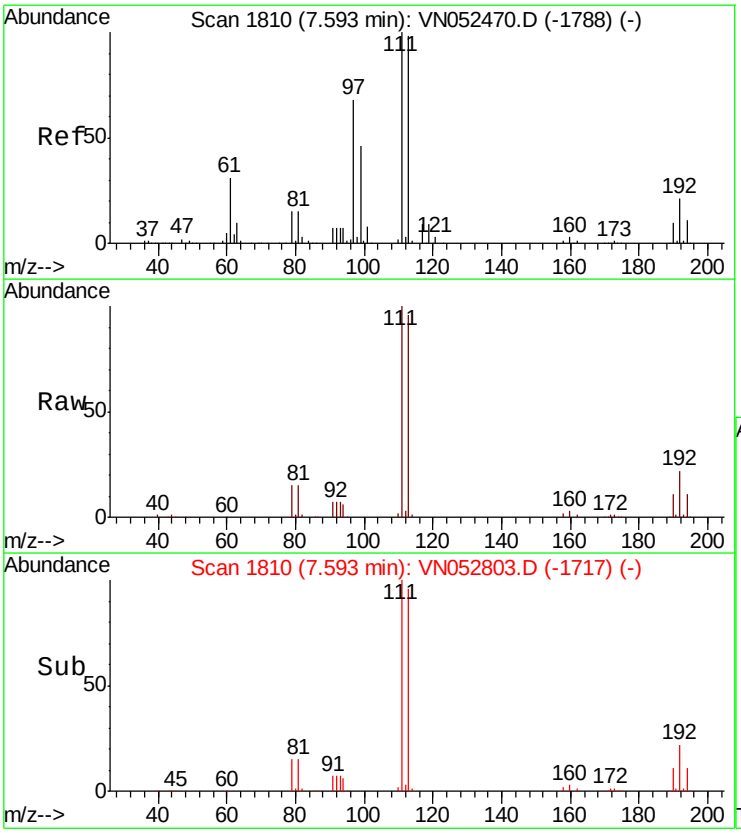
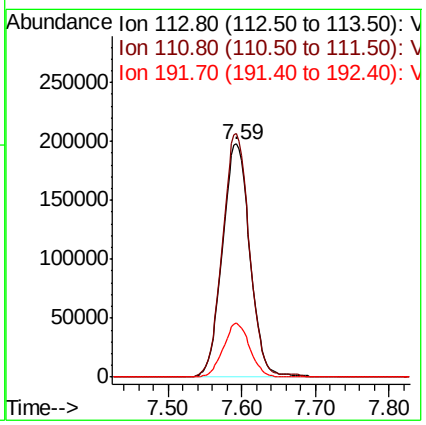
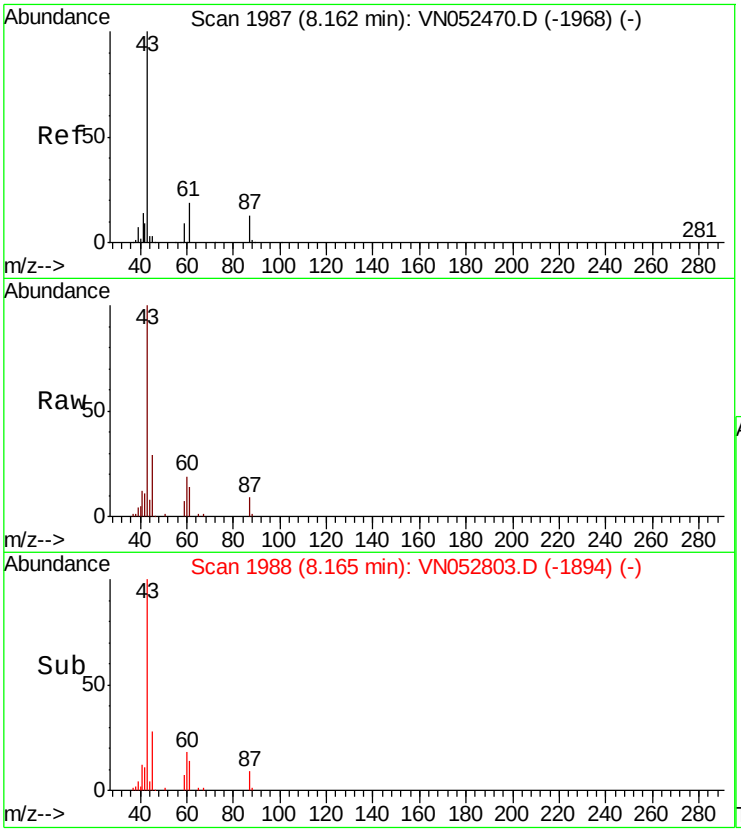


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN052803.D
Acq: 11 Dec 2018 15:42

Tgt Ion:113 Resp: 512083

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.0	123.0
192	22.3	17.0	25.6





#43
Isopropyl Acetate
Concen: 5.727 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052803.D
Acq: 11 Dec 2018 15:42

Tgt Ion: 43 Resp: 102006

Ion	Ratio	Lower	Upper
43	100		
61	10.9	24.1	36.1#
87	6.7	10.6	15.8#

Instrument :
MSVOA_N
ClientSampleId :
PB115504ZHE#08

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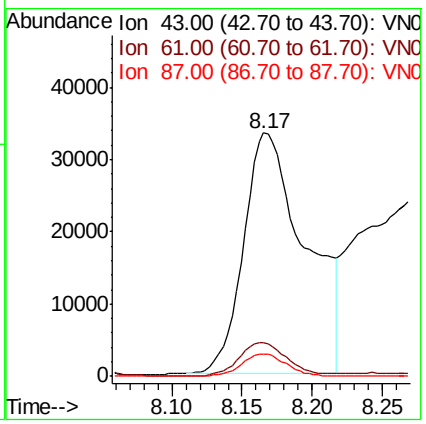
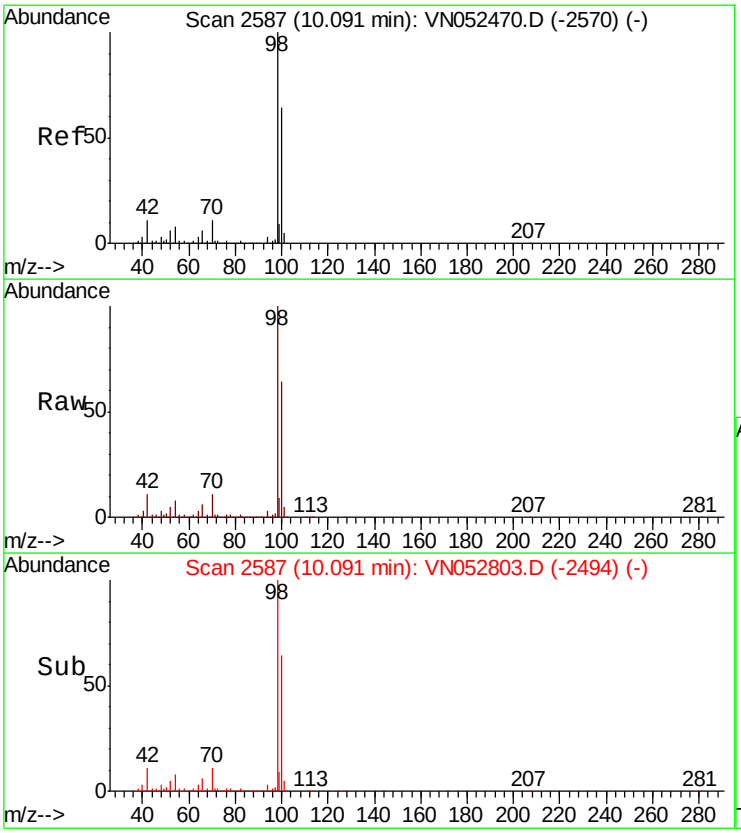
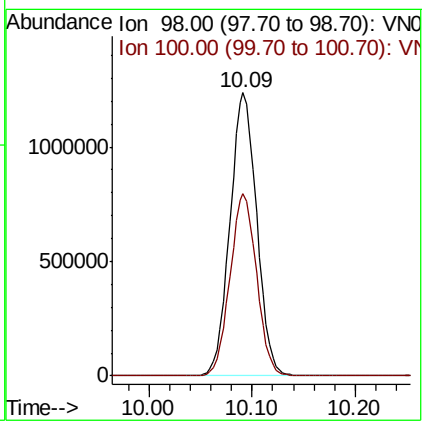


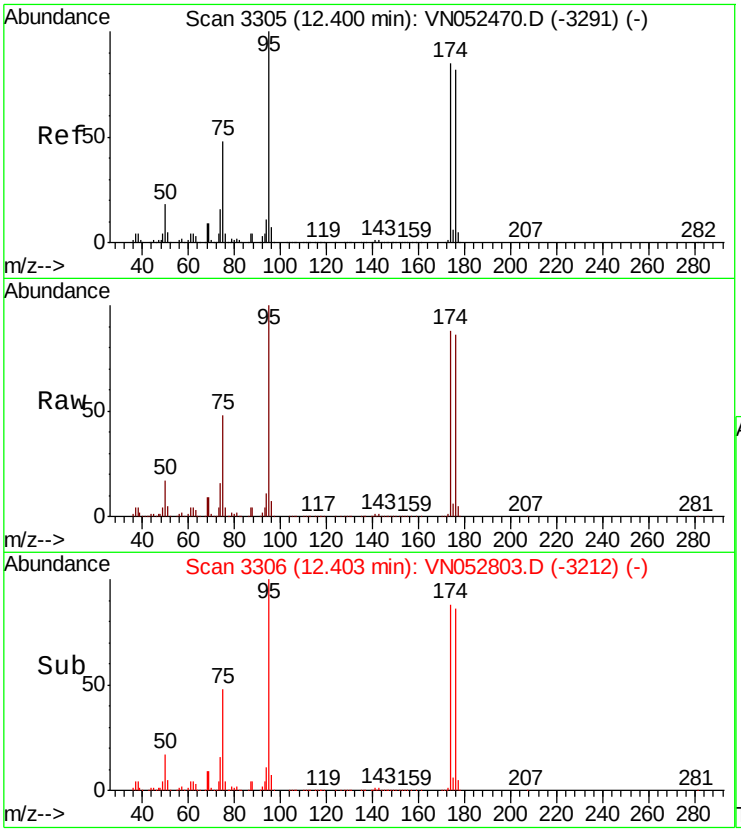


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052803.D
Acq: 11 Dec 2018 15:42

Tgt Ion: 98 Resp: 2235630

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.3	76.9

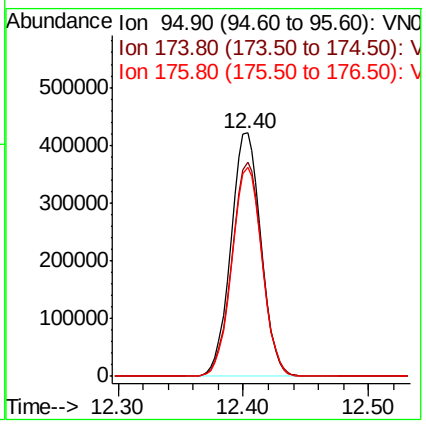




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052803.D
Acq: 11 Dec 2018 15:42

Tgt Ion: 95 Resp: 703052

Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	173.0
176	85.8	0.0	166.2



Instrument :
MSVOA_N
ClientSampleId :
PB115504ZHE#08

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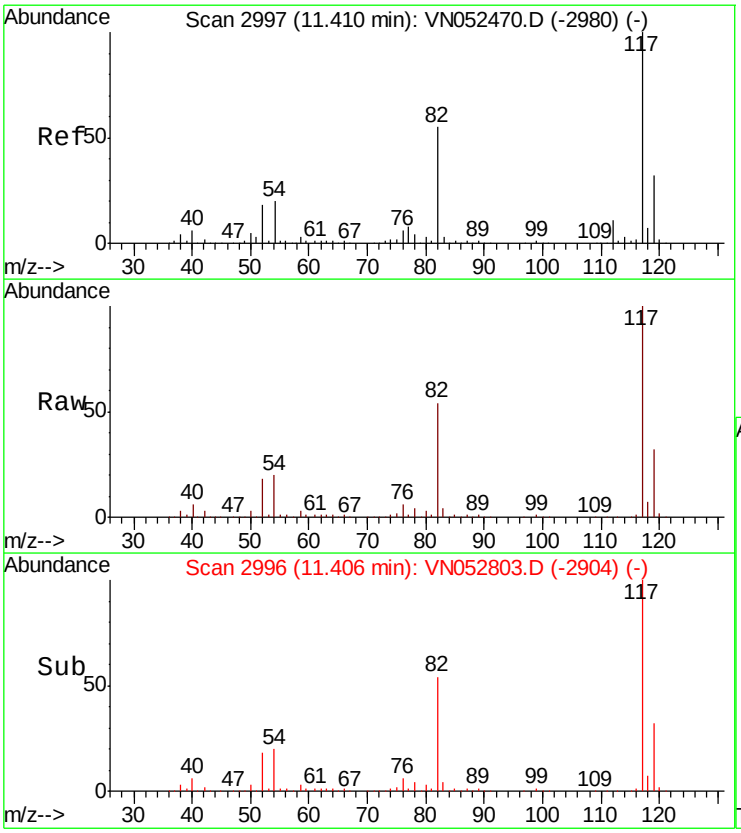
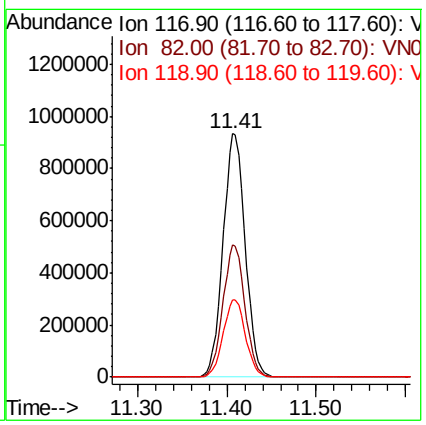
12/12/2018 11:33:33 AM

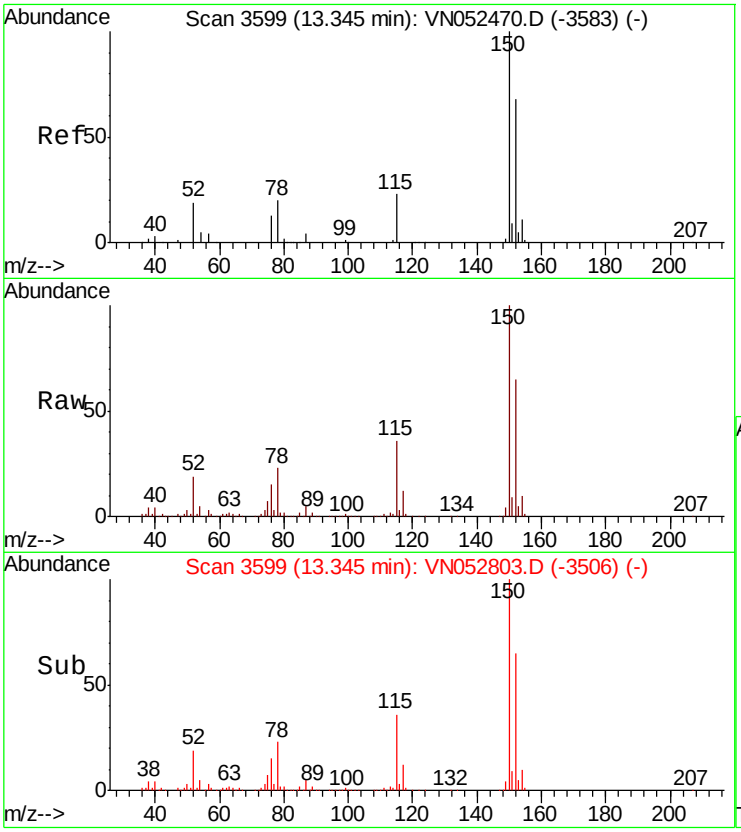


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052803.D
Acq: 11 Dec 2018 15:42

Tgt Ion:117 Resp: 1603925

Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.6	65.4
119	31.8	25.4	38.2

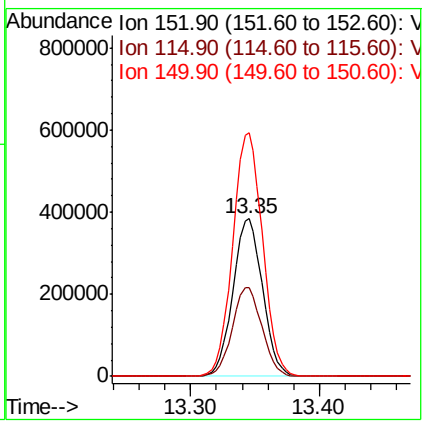




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052803.D
Acq: 11 Dec 2018 15:42

Tgt Ion:152 Resp: 610490

Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.4	85.2
150	156.0	0.0	346.0



Instrument :
MSVOA_N
ClientSampleId :
PB115504ZHE#08

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12/12/2018 11:33:33 AM