Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101518\
Data File : VN051865.D
Acq On : 15 Oct 2018 11:13
Operator : MD\SY
Sample : J5393-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
WE13-GW-TANK3-IDW-10102018

Manual Integrations APPROVED
MMDadoda
10/16/2018 3:56:21 PM

Quant Time: Oct 16 01:03:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 12 10:23:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	116394	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	633836	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	499735	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	211493	29.86	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 99.53%			
60) 4-Bromofluorobenzene	12.40	95	167219	23.20	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 77.33%			
63) Toluene-d8	10.09	98	718332	33.10	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 110.33%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluoroet	3.76	101	5821m	1.00	ug/l	
15) Acetone	3.83	58	3248	8.83	ug/l	81
37) Trichloroethene	8.83	130	520824	69.42	ug/l	98
91) Naphthalene	15.13	128	5263	8.84	ug/l #	92

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

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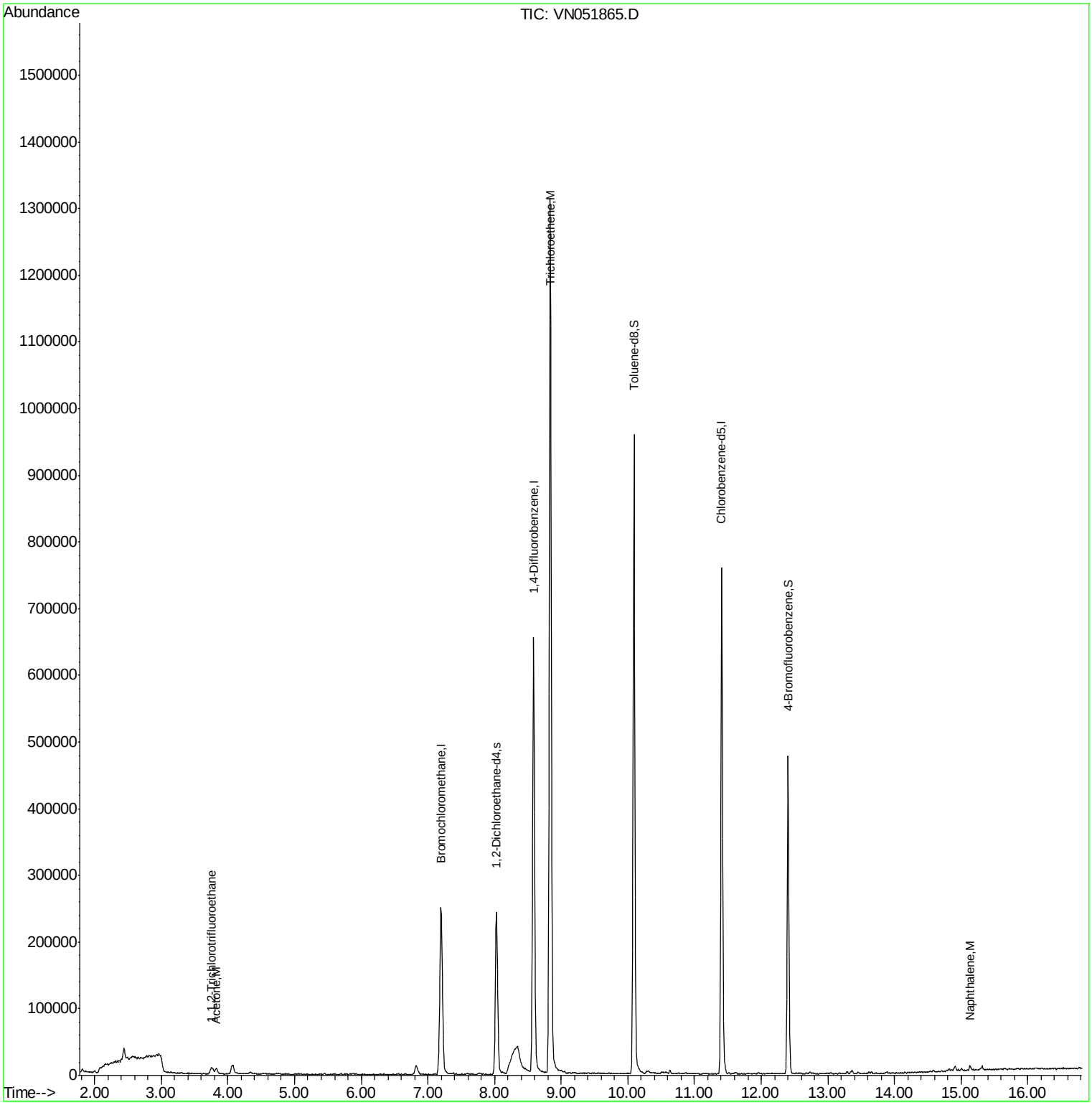
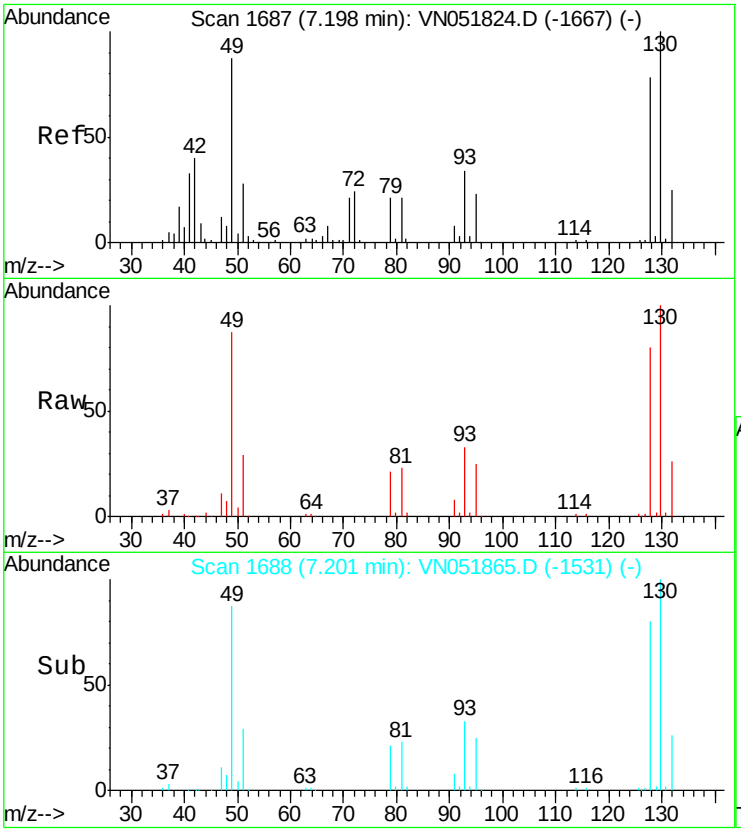
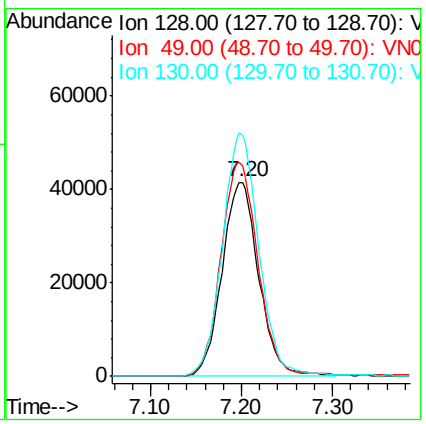




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN051865.D
Acq: 15 Oct 2018 11:13

Tgt Ion:128 Resp: 116394

Ion	Ratio	Lower	Upper
128	100		
49	110.6	0.0	403.3
130	123.7	0.0	326.0



Instrument :
MSVOA_N
ClientSampleId :
WE13-GW-TANK3-IDW-10102018

Manual Integrations APPROVED
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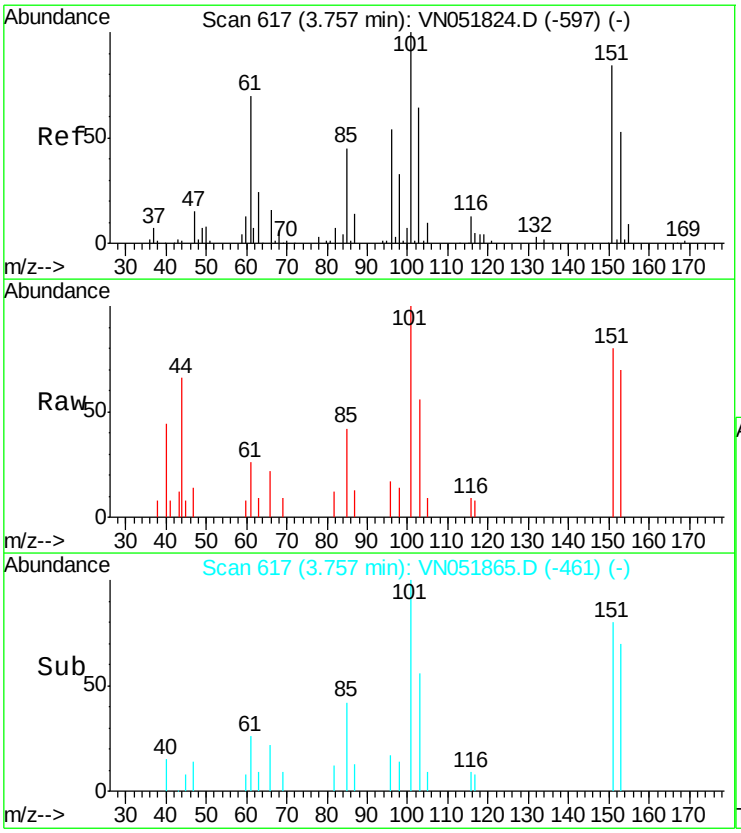
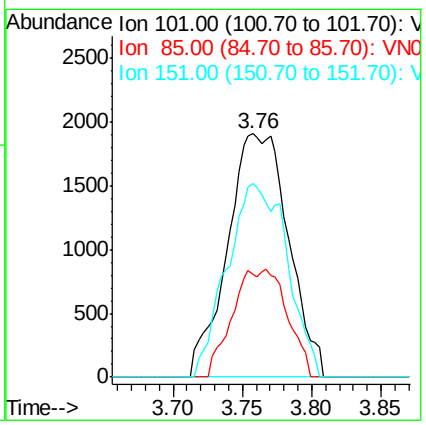
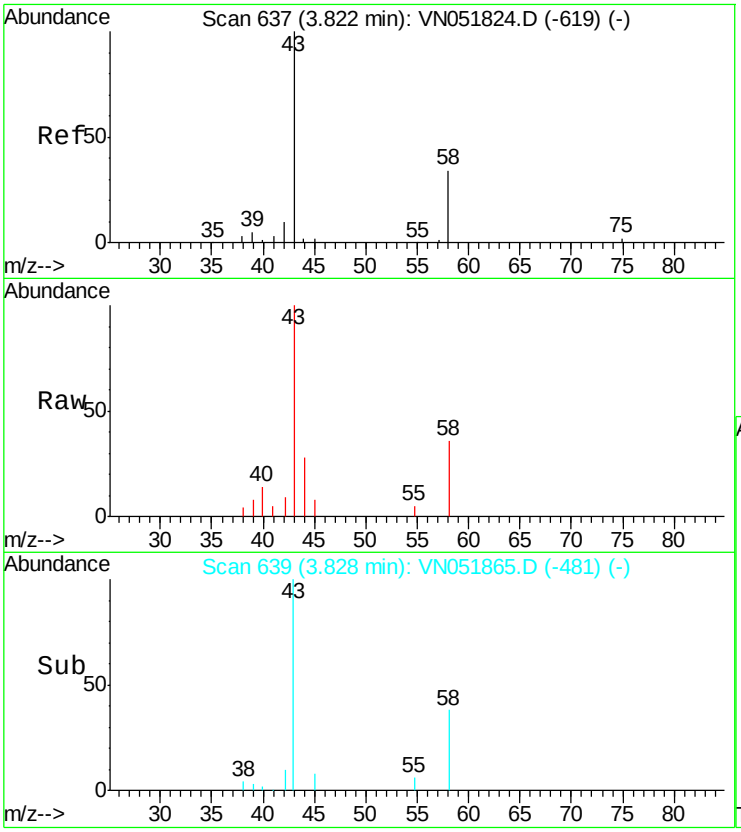


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.00 ug/l m
RT: 3.76 min Scan# 617
Delta R.T. 0.00 min
Lab File: VN051865.D
Acq: 15 Oct 2018 11:13

Tgt Ion:101 Resp: 5821

Ion	Ratio	Lower	Upper
101	100		
85	19.3	0.0	46.0
151	54.8	0.0	82.2





#15
Acetone
Concen: 8.83 ug/l
RT: 3.83 min Scan# 639
Delta R.T. 0.01 min
Lab File: VN051865.D
Acq: 15 Oct 2018 11:13

Tgt Ion: 58 Resp: 3248

Ion	Ratio	Lower	Upper
58	100		
43	252.9	232.2	348.2

Instrument :
MSVOA_N
ClientSampleId :
WE13-GW-TANK3-IDW-10102018

Manual Integrations APPROVED
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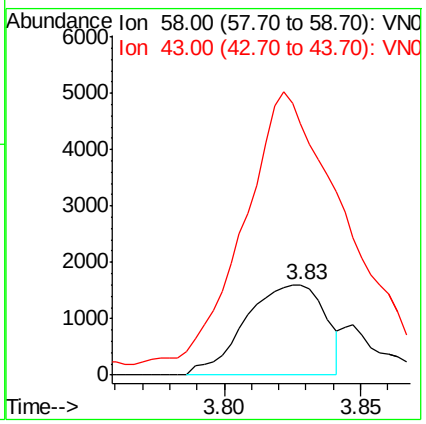
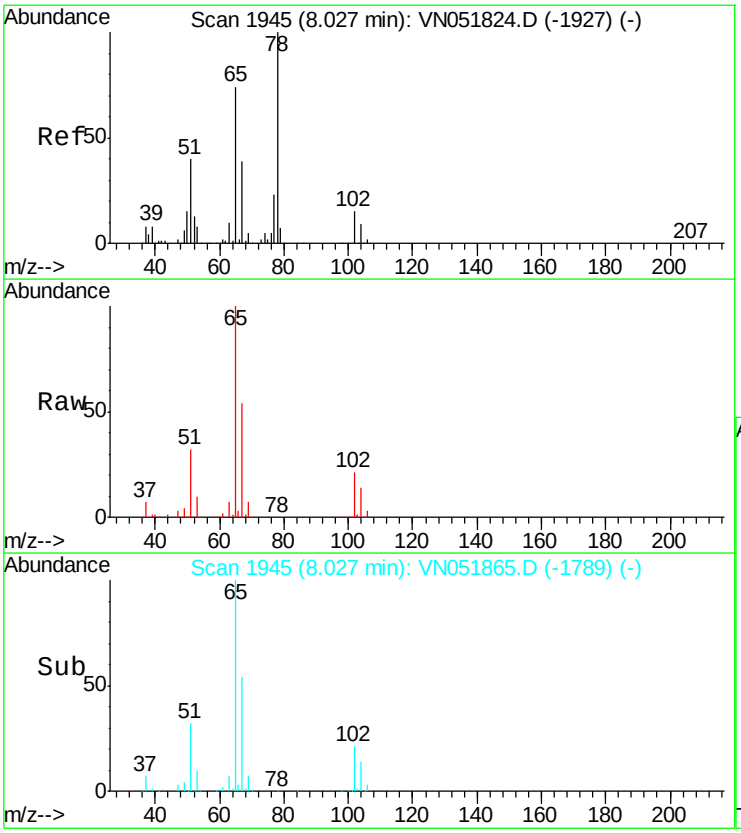
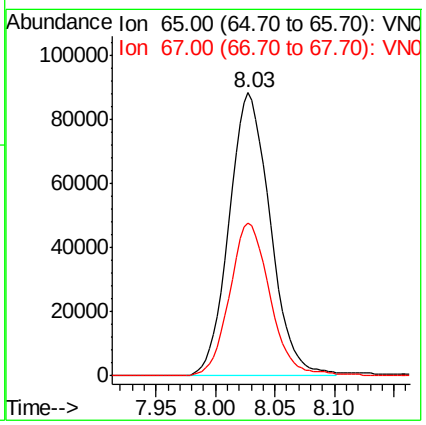


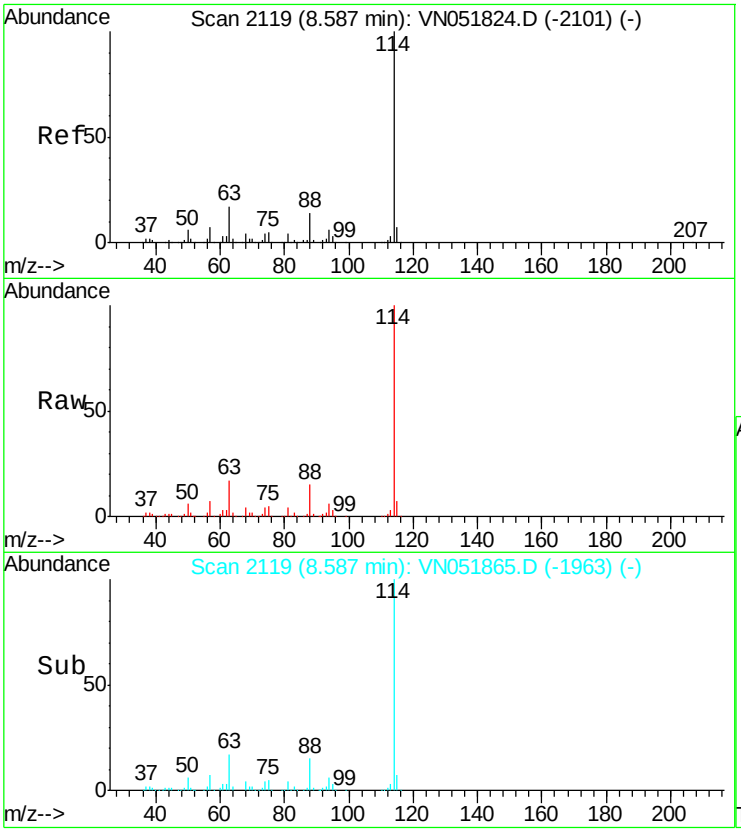


#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN051865.D
Acq: 15 Oct 2018 11:13

Tgt Ion: 65 Resp: 211493

Ion	Ratio	Lower	Upper
65	100		
67	53.1	41.8	62.8

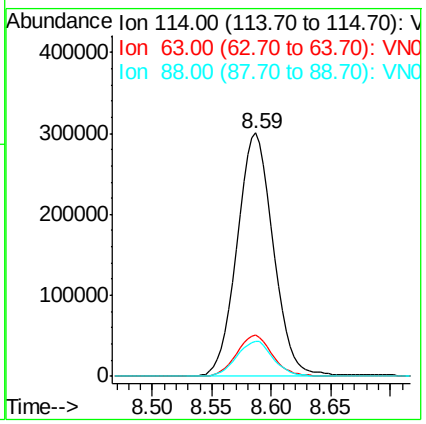




#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051865.D
Acq: 15 Oct 2018 11:13

Tgt Ion:114 Resp: 633836

Ion	Ratio	Lower	Upper
114	100		
63	16.8	16.2	24.2
88	14.6	12.2	18.4



Instrument :
MSVOA_N
ClientSampleId :
WE13-GW-TANK3-IDW-10102018

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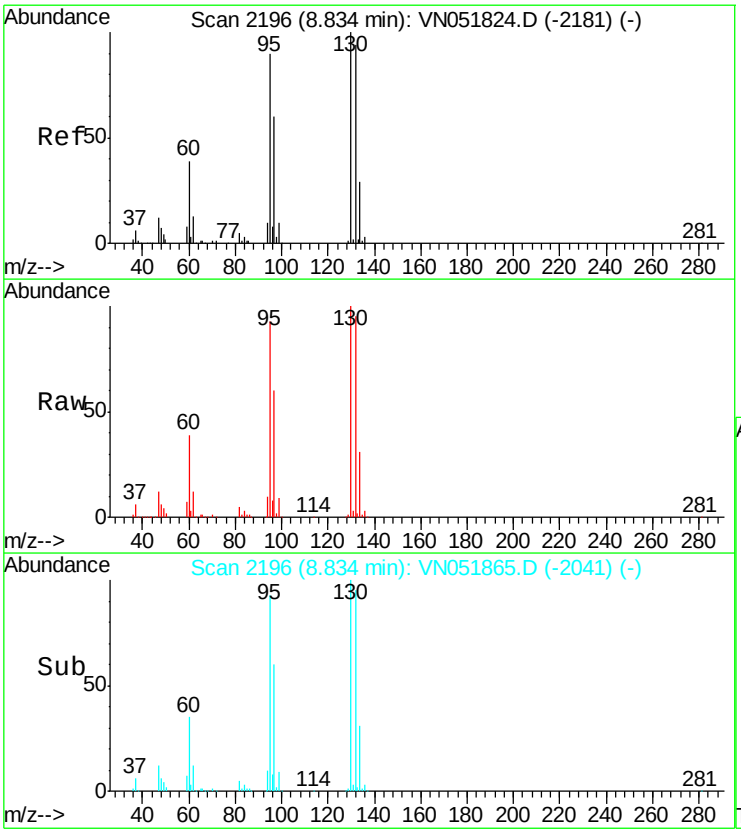
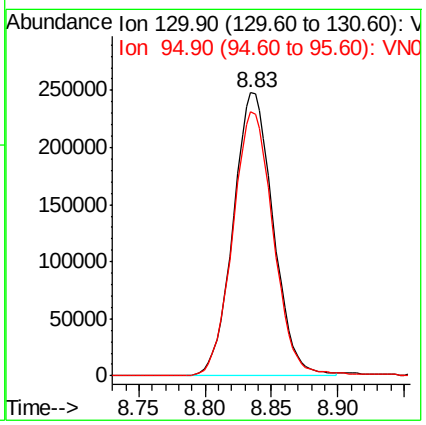
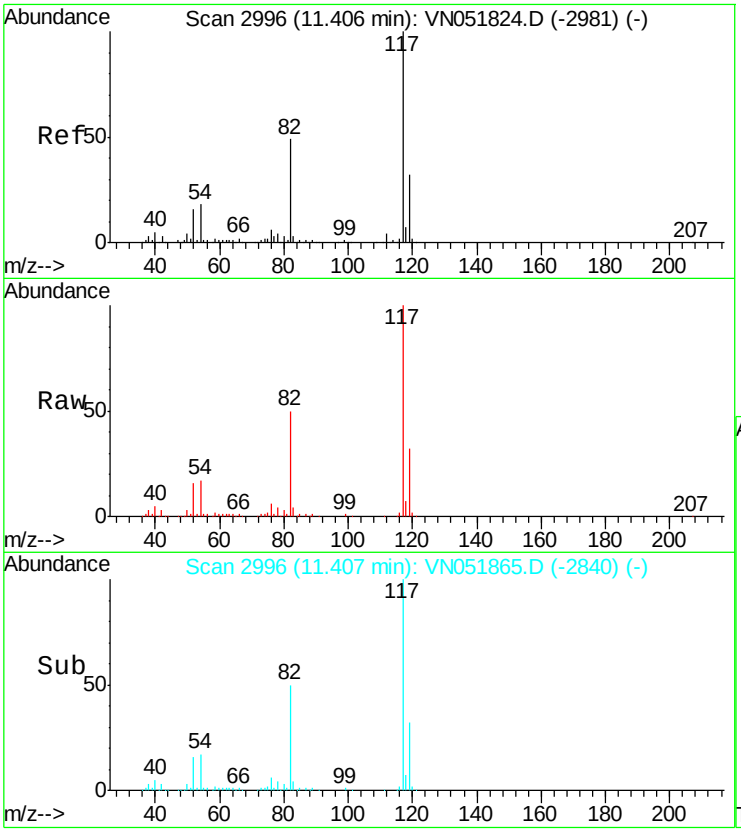


#37
Trichloroethene
Concen: 69.42 ug/l
RT: 8.83 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN051865.D
Acq: 15 Oct 2018 11:13

Tgt Ion:130 Resp: 520824

Ion	Ratio	Lower	Upper
130	100		
95	93.1	76.4	114.6

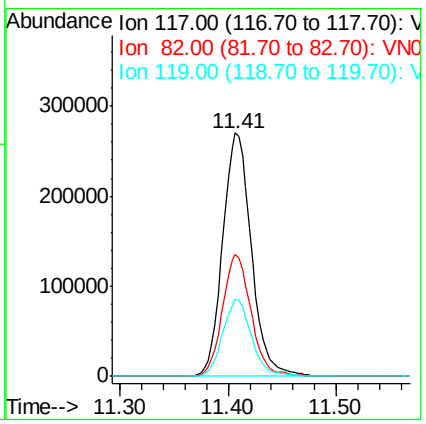




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051865.D
Acq: 15 Oct 2018 11:13

Tgt Ion:117 Resp: 499735

Ion	Ratio	Lower	Upper
117	100		
82	50.0	44.1	66.1
119	31.9	25.8	38.8



Instrument :
MSVOA_N
ClientSampleId :
WE13-GW-TANK3-IDW-10102018

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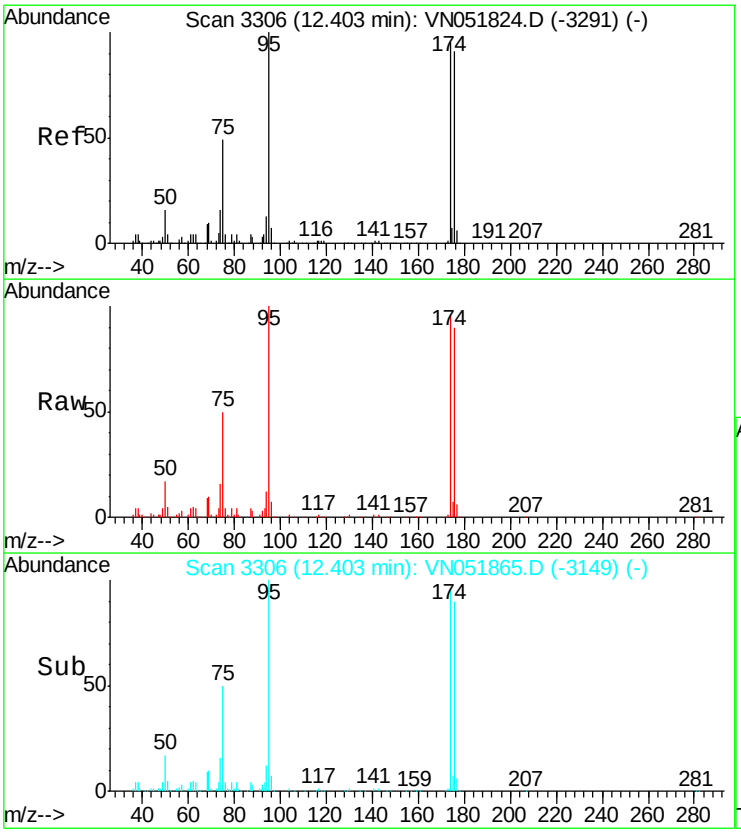
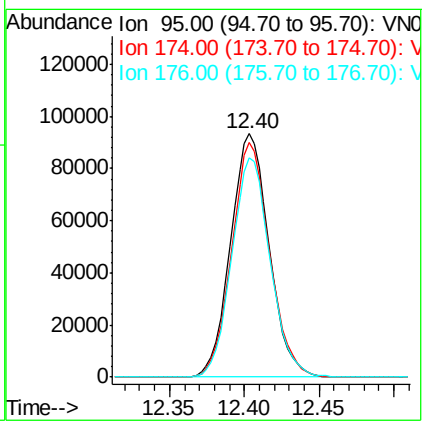
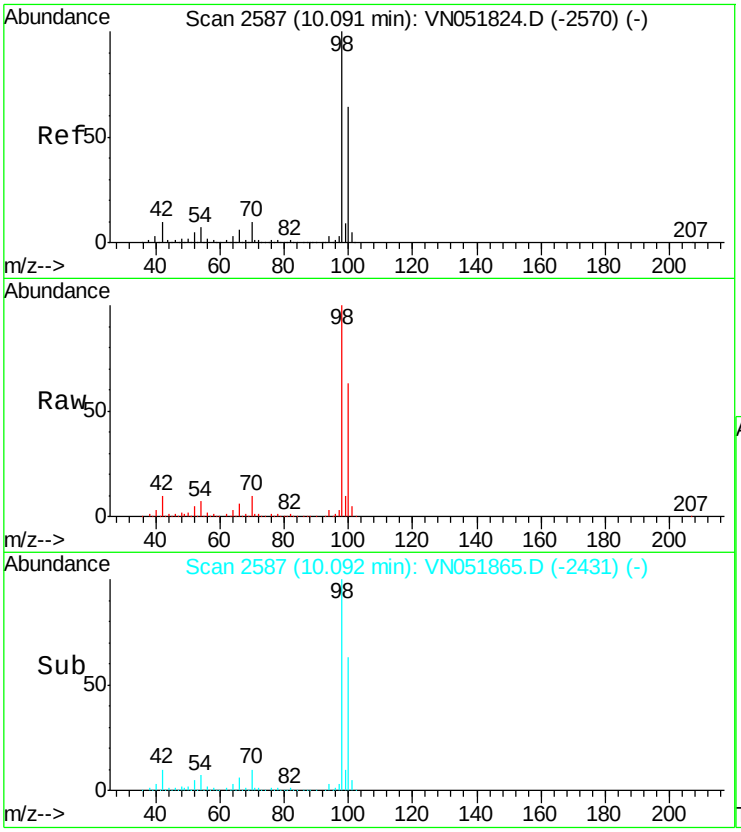


#60
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051865.D
Acq: 15 Oct 2018 11:13

Tgt Ion: 95 Resp: 167219

Ion	Ratio	Lower	Upper
95	100		
174	94.6	73.5	110.3
176	89.9	70.2	105.2





#63
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051865.D
Acq: 15 Oct 2018 11:13

Tgt Ion: 98 Resp: 718332

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.8	76.2

Instrument :
MSVOA_N
ClientSampleId :
WE13-GW-TANK3-IDW-10102018

Manual Integrations APPROVED
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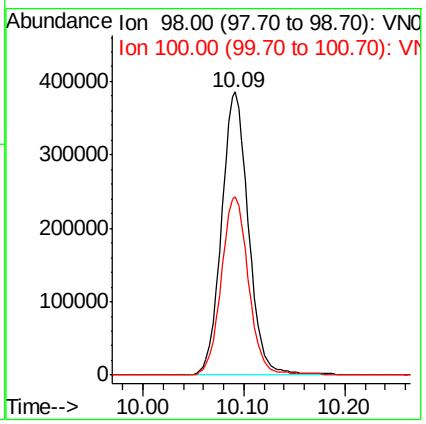

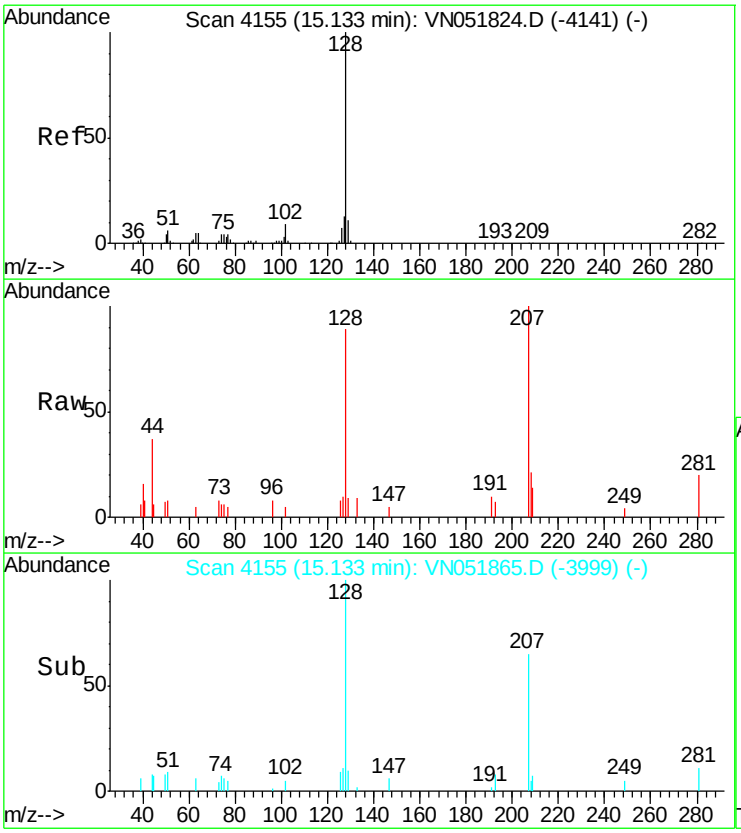

#91
Naphthalene
Concen: 8.84 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN051865.D
Acq: 15 Oct 2018 11:13

Tgt Ion:128 Resp: 5263

Ion	Ratio	Lower	Upper
128	100		
127	8.9	10.1	15.1#
129	8.6	8.4	12.6