Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062818\

Quantitation Report (QT Reviewed)

Data File : VN049622.D
Acq On : 29 Jun 2018 6:00
Operator : MD\SY
Sample : J3612-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
S-2(8.5-9)

Manual Integrations APPROVED
MMDadoda
6/29/2018 1:46:50 PM

Quant Time: Jul 09 03:38:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1180067	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1907465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1582220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	581579	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	772779	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.74%			
35) Dibromofluoromethane	7.59	113	102358	6.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 13.26%			
50) Toluene-d8	10.09	98	2570767	43.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.50%			
62) 4-Bromofluorobenzene	12.40	95	736872	37.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 75.86%			
Target Compounds						Qvalue
16) Acetone	3.82	43	67512	17.765	ug/l	96
18) Methyl Acetate	4.34	43	38296m	3.305	ug/l	
20) Methylene Chloride	4.54	84	19566	1.233	ug/l	88
95) Naphthalene	15.14	128	8375	2.599	ug/l	96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062818\

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MSVOA_N
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S-2(8.5-9)

Manual Integrations APPROVED
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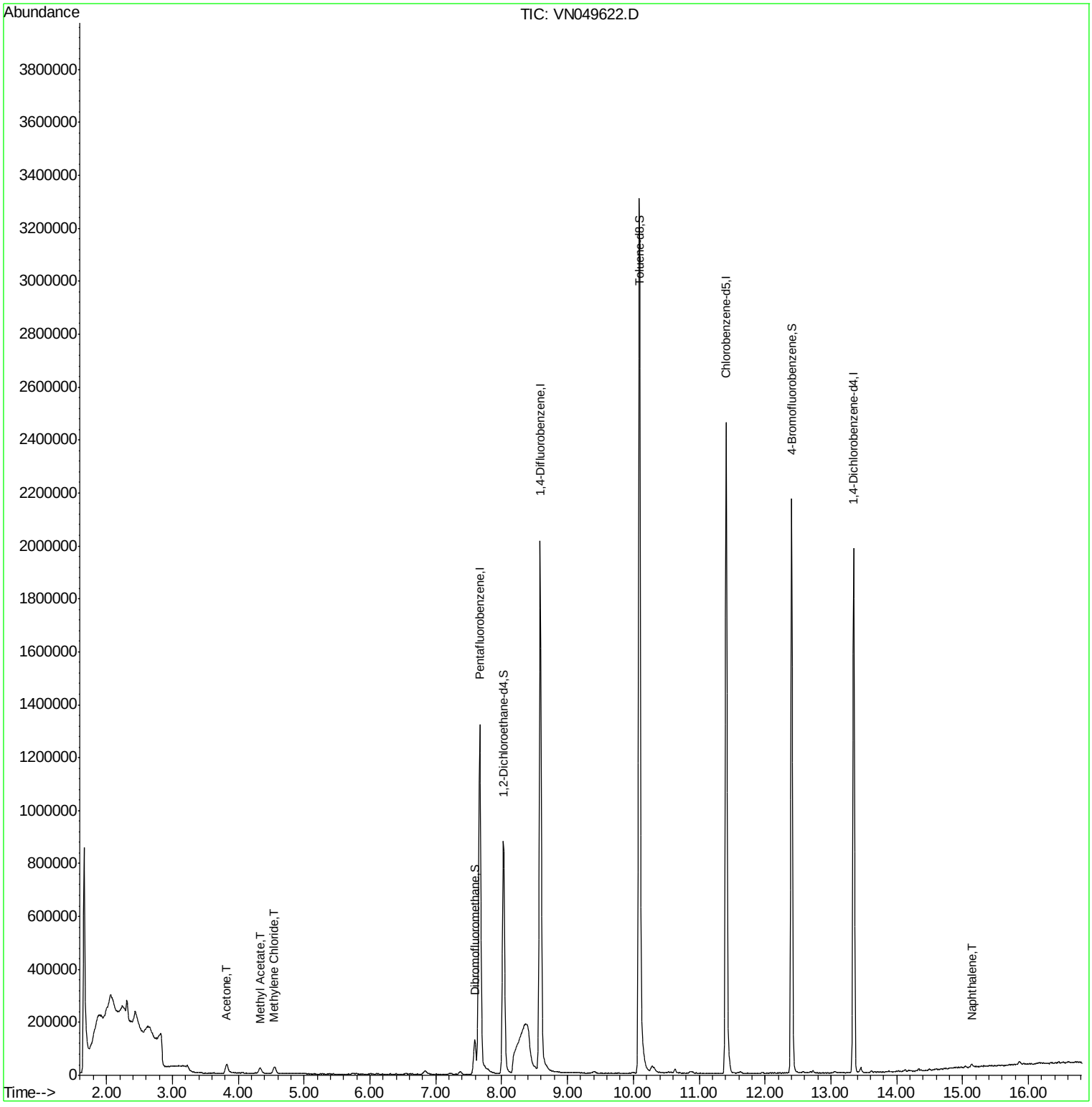
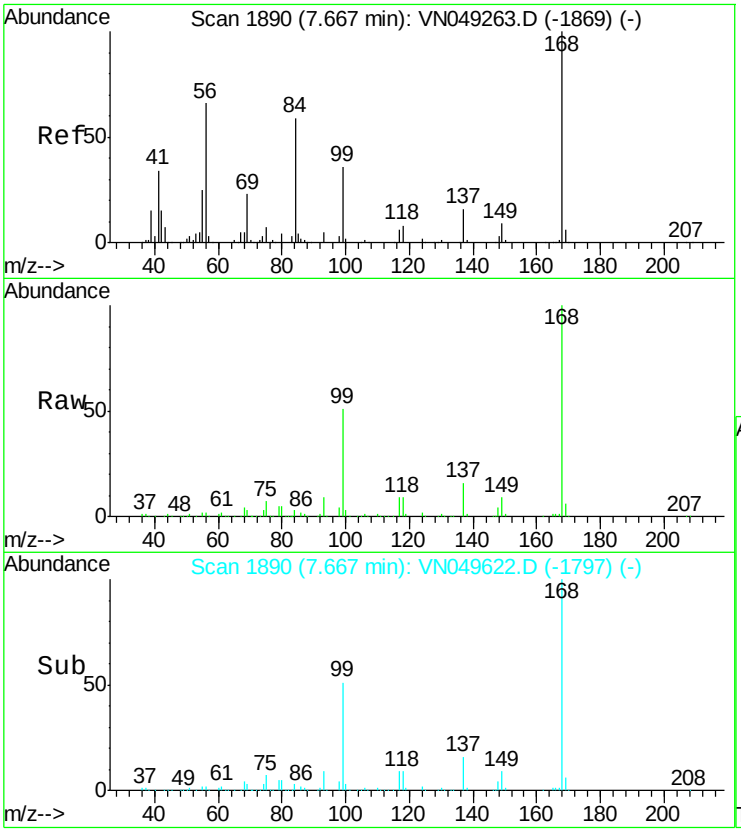
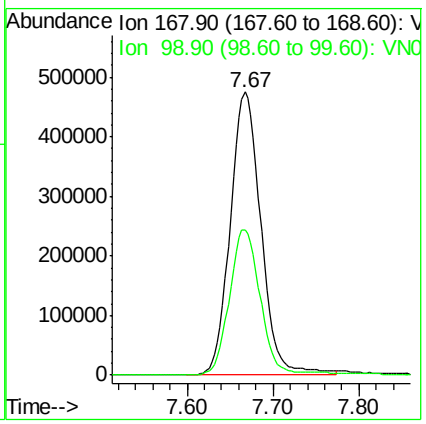




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.00 min
Lab File: VN049622.D
Acq: 29 Jun 2018 6:00

Tgt Ion:168 Resp: 1180067

Ion	Ratio	Lower	Upper
168	100		
99	51.5	45.8	68.6



Instrument :
MSVOA_N
ClientSampleId :
S-2(8.5-9)

Manual Integrations APPROVED
MMDadoda
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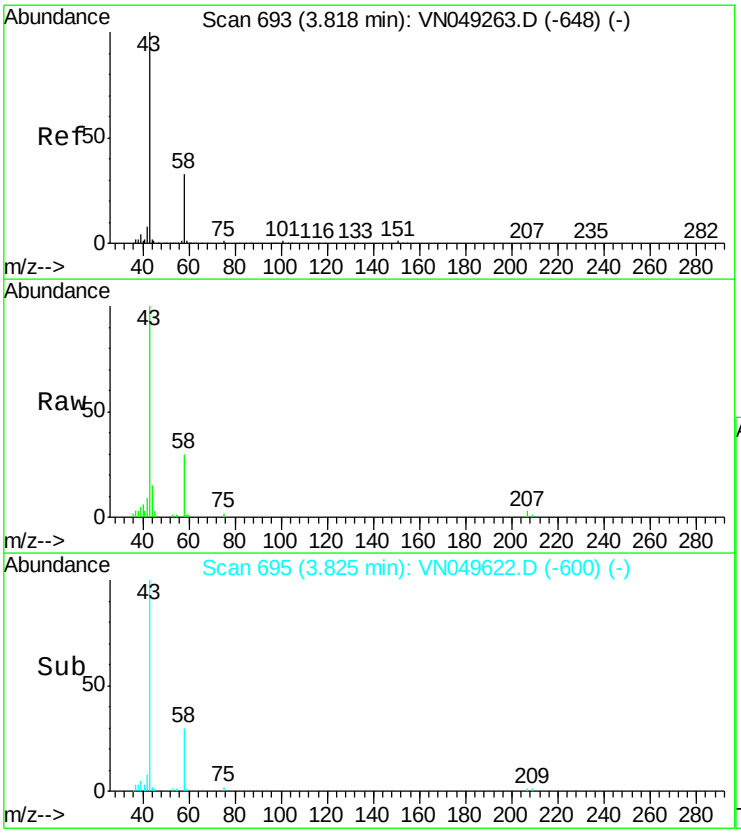
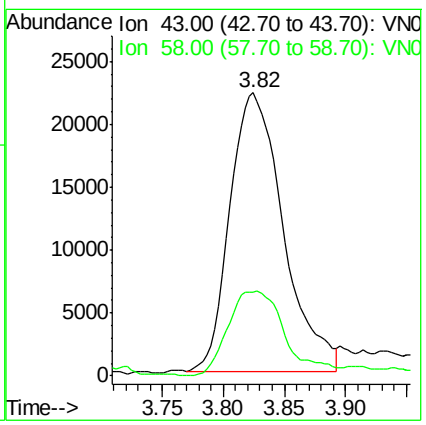
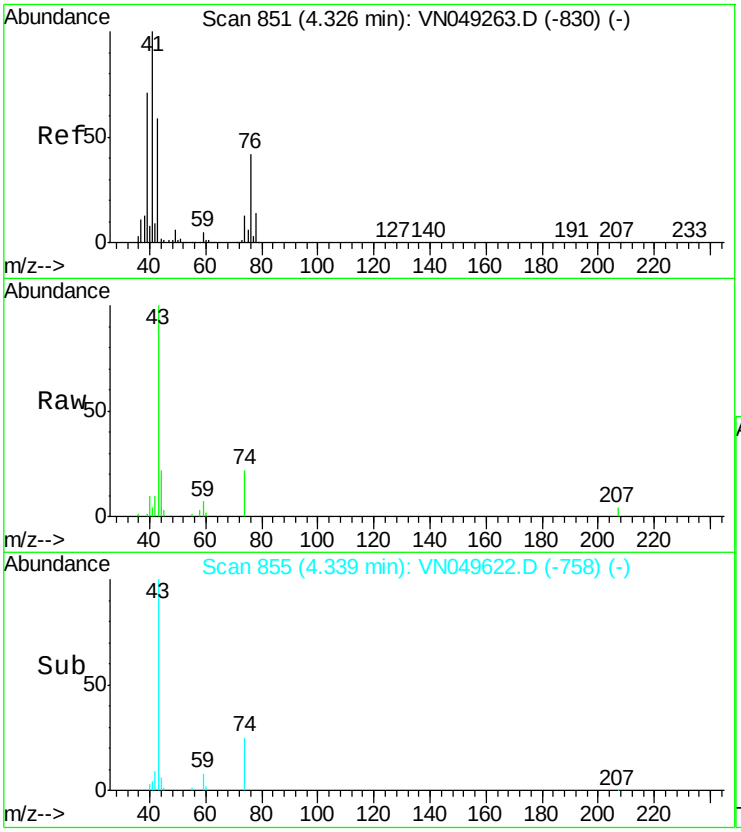


#16
Acetone
Concen: 17.765 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.01 min
Lab File: VN049622.D
Acq: 29 Jun 2018 6:00

Tgt Ion: 43 Resp: 67512

Ion	Ratio	Lower	Upper
43	100		
58	30.2	22.4	33.6

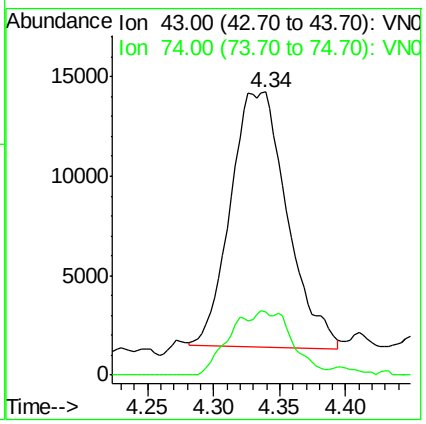




#18
Methyl Acetate
Concen: 3.305 ug/l m
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN049622.D
Acq: 29 Jun 2018 6:00

Tgt Ion: 43 Resp: 38296

Ion	Ratio	Lower	Upper
43	100		
74	10.0	17.4	26.0#



Instrument :
MSVOA_N
ClientSampleId :
S-2(8.5-9)

Manual Integrations APPROVED
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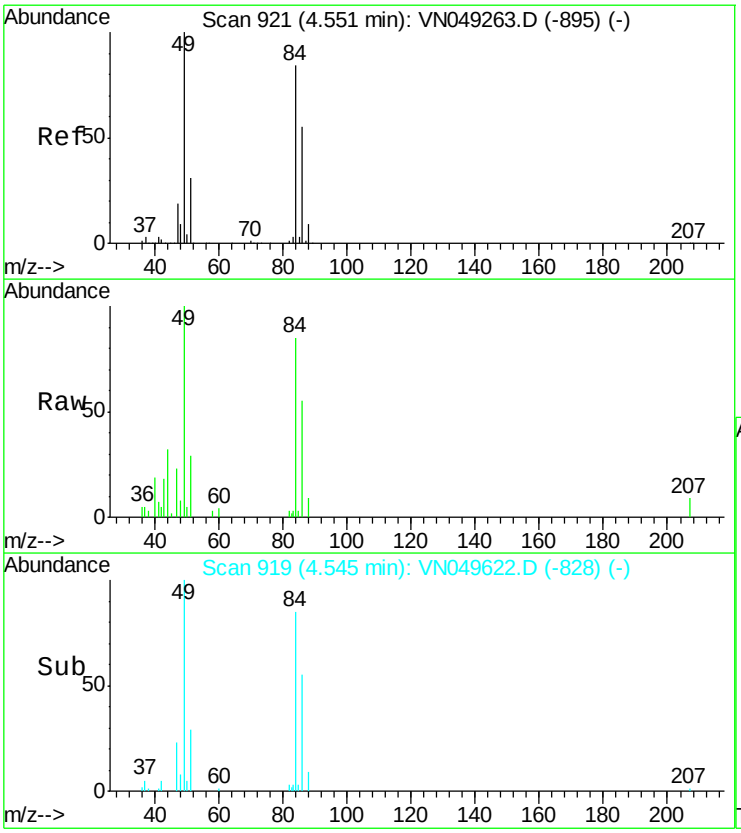
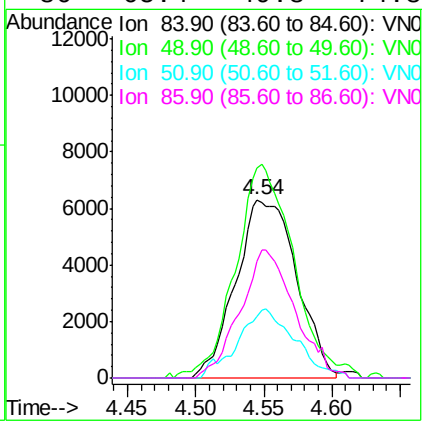
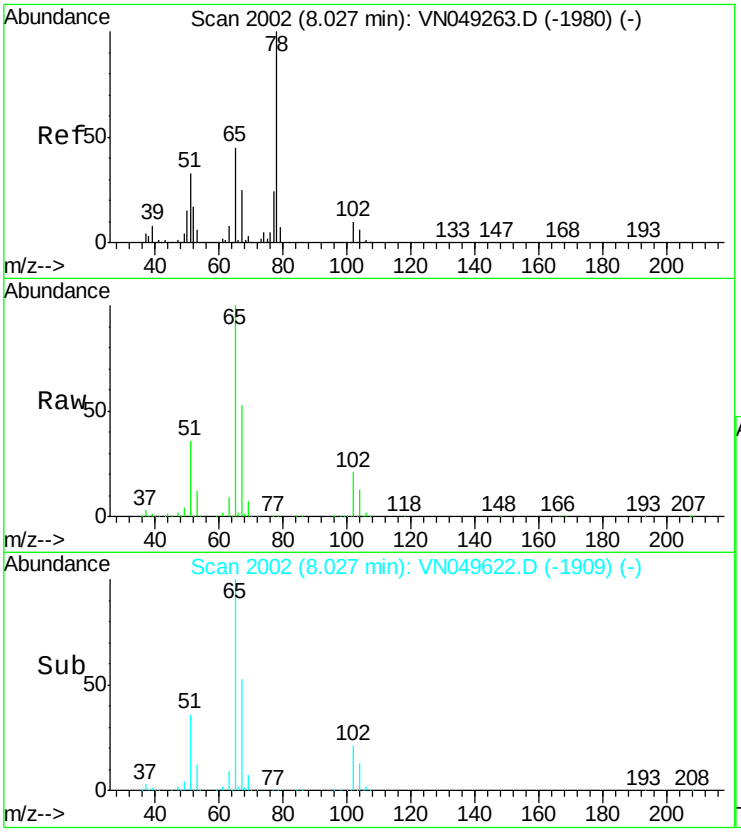


#20
Methylene Chloride
Concen: 1.233 ug/l
RT: 4.54 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN049622.D
Acq: 29 Jun 2018 6:00

Tgt Ion: 84 Resp: 19566

Ion	Ratio	Lower	Upper
84	100		
49	114.3	106.9	160.3
51	34.7	32.7	49.1
86	65.4	49.8	74.8





#33
1,2-Dichloroethane-d4
Concen: 49.374 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. 0.00 min
Lab File: VN049622.D
Acq: 29 Jun 2018 6:00

Tgt Ion: 65 Resp: 772779

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	103.8

Instrument :
MSVOA_N
ClientSampleId :
S-2(8.5-9)

Manual Integrations APPROVED
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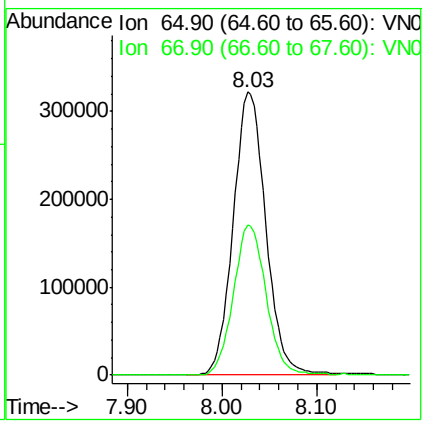
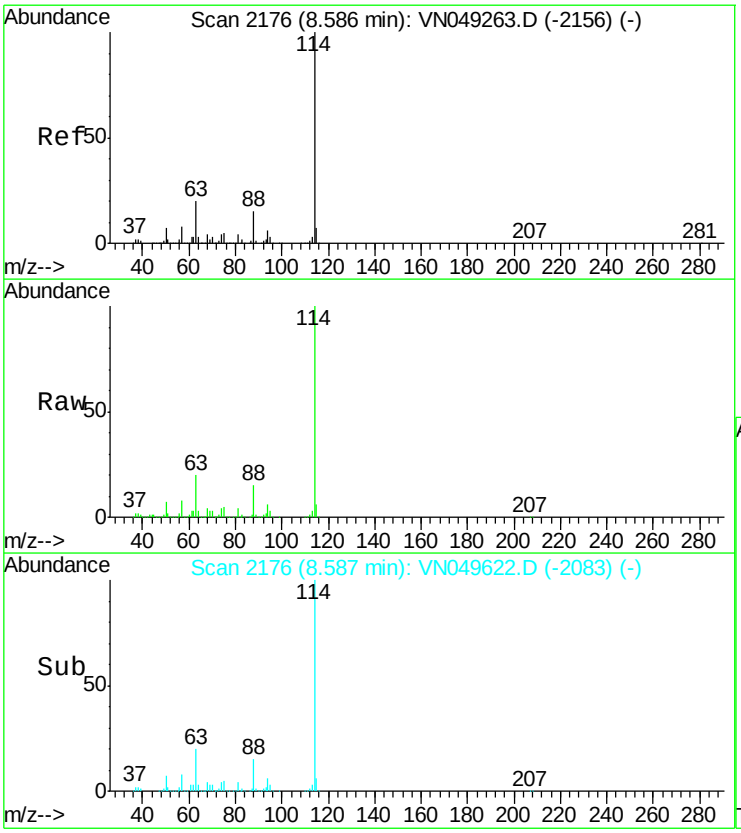
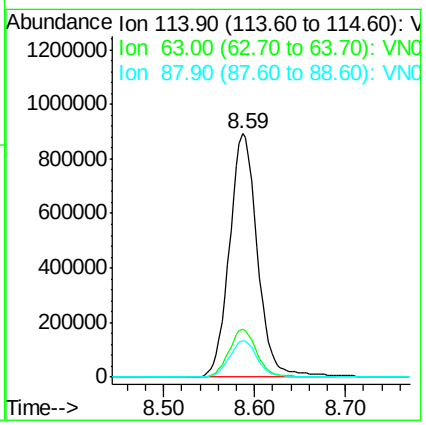


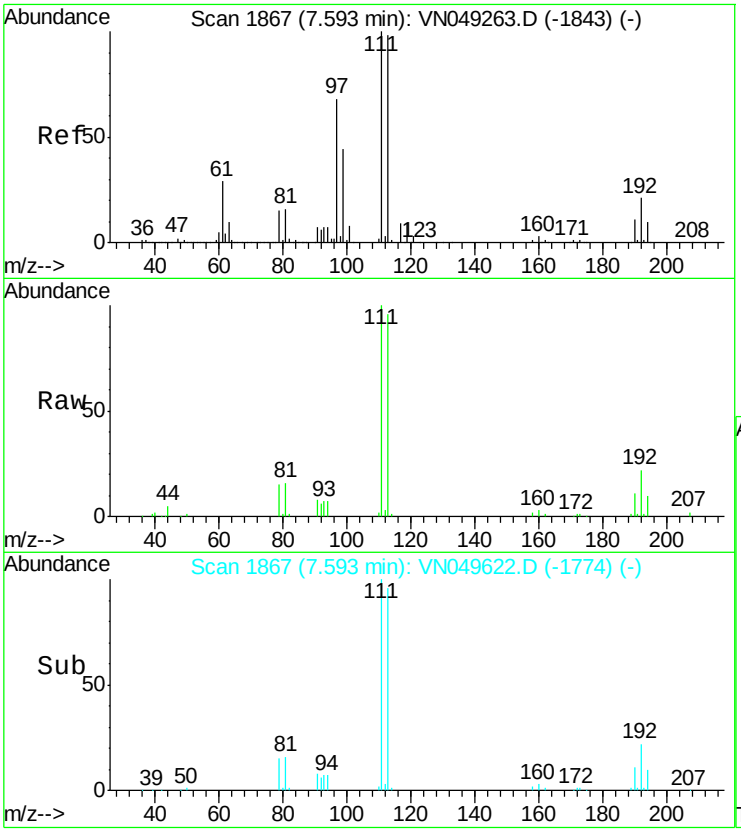


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VN049622.D
Acq: 29 Jun 2018 6:00

Tgt Ion:114 Resp: 1907465

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	44.4
88	15.1	0.0	31.4

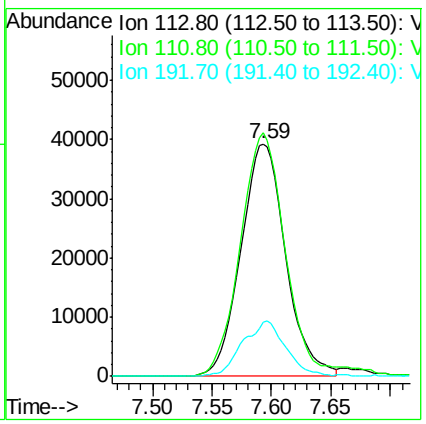




#35
Dibromofluoromethane
Concen: 6.633 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049622.D
Acq: 29 Jun 2018 6:00

Tgt Ion:113 Resp: 102358

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.4	123.6
192	22.9	15.0	22.6#



Instrument :
MSVOA_N
ClientSampleId :
S-2(8.5-9)

Manual Integrations APPROVED
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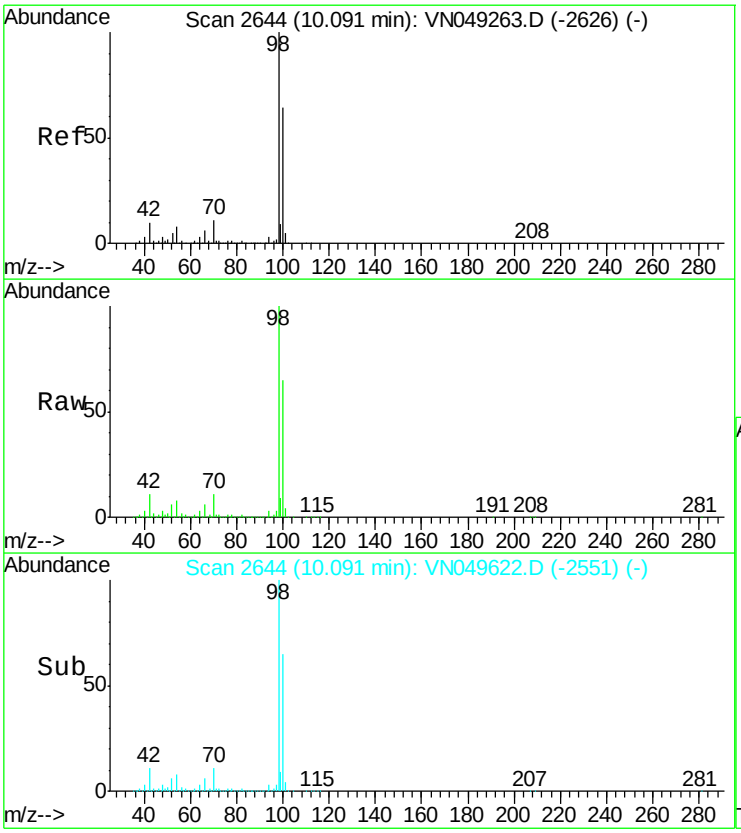
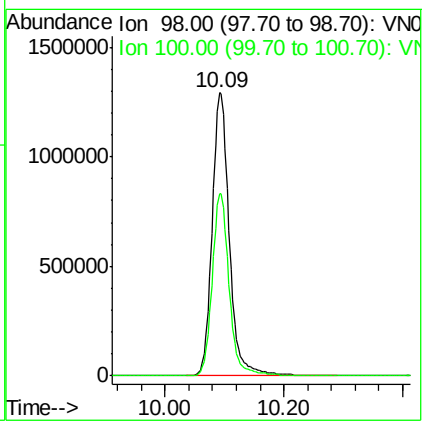
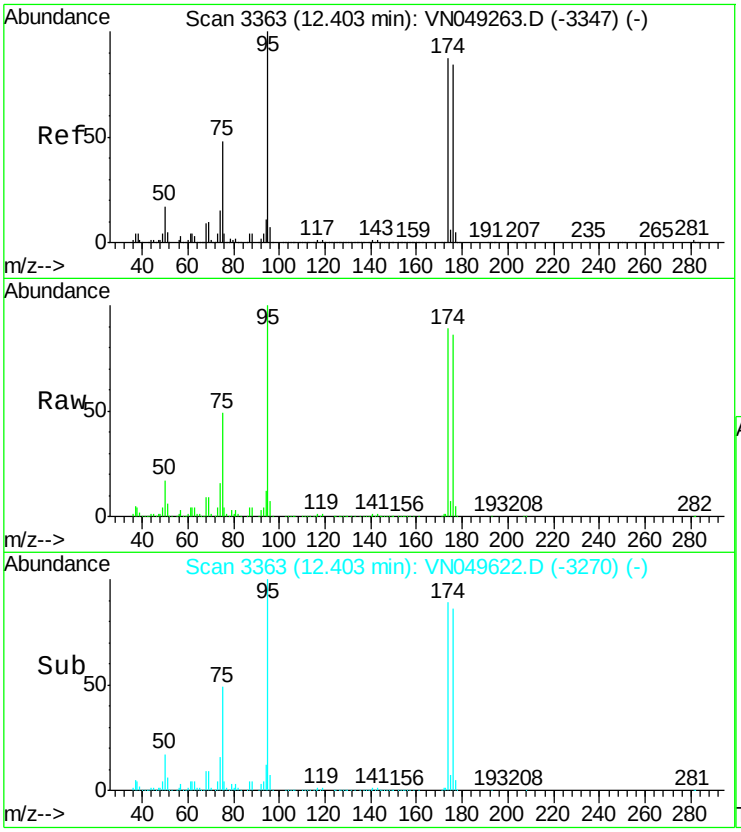


#50
Toluene-d8
Concen: 43.750 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049622.D
Acq: 29 Jun 2018 6:00

Tgt Ion: 98 Resp: 2570767

Ion	Ratio	Lower	Upper
98	100		
100	63.9	49.8	74.8

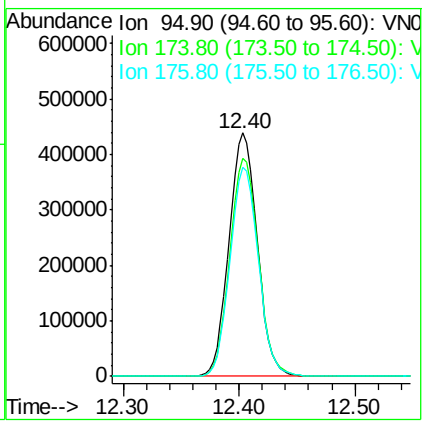




#62
4-Bromofluorobenzene
Concen: 37.926 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049622.D
Acq: 29 Jun 2018 6:00

Tgt Ion: 95 Resp: 736872

Ion	Ratio	Lower	Upper
95	100		
174	90.5	0.0	165.6
176	86.2	0.0	157.4



Instrument :
MSVOA_N
ClientSampleId :
S-2(8.5-9)

Manual Integrations APPROVED
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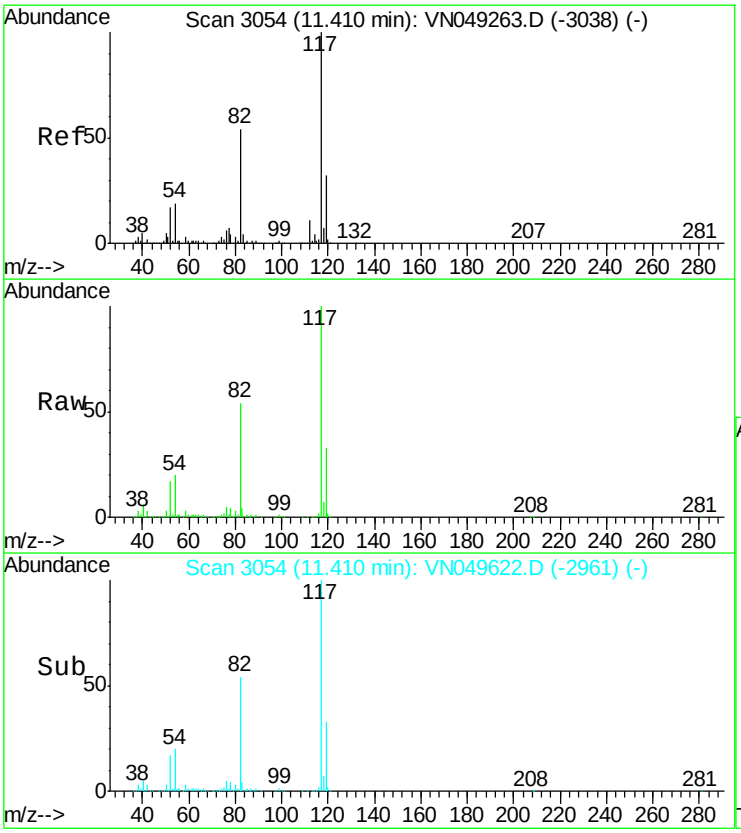
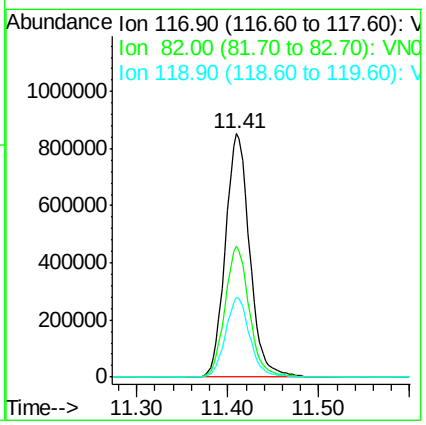
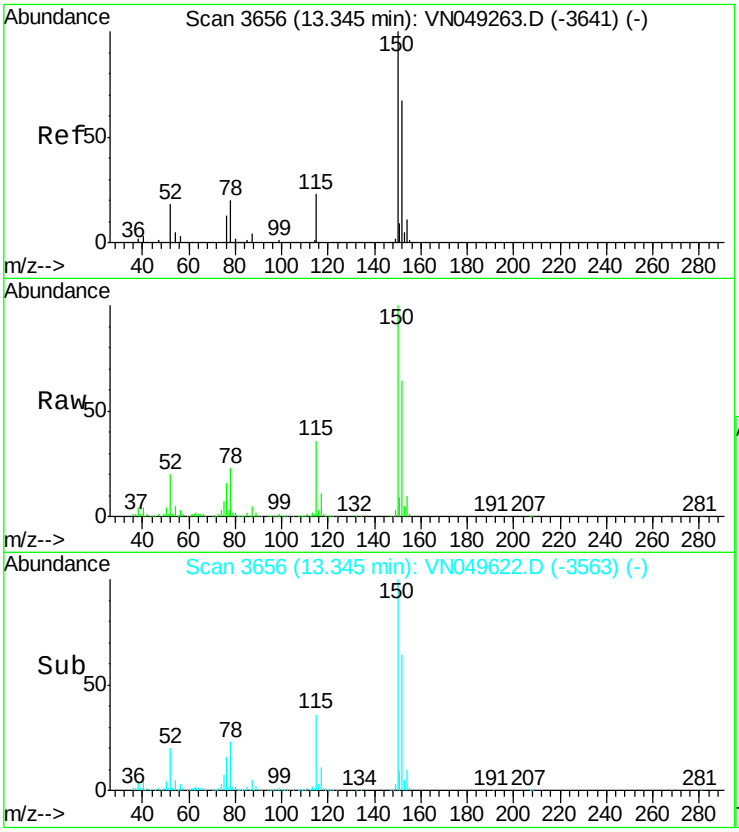


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049622.D
Acq: 29 Jun 2018 6:00

Tgt Ion:117 Resp: 1582220

Ion	Ratio	Lower	Upper
117	100		
82	53.7	45.9	68.9
119	32.5	25.5	38.3

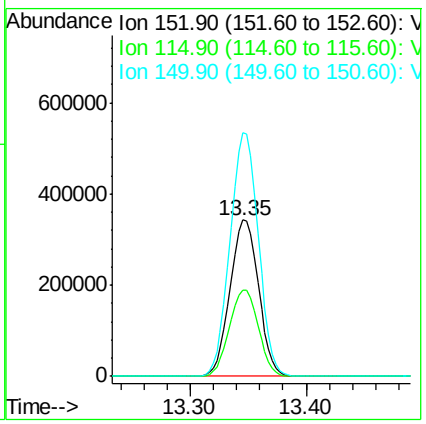




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049622.D
Acq: 29 Jun 2018 6:00

Tgt Ion:152 Resp: 581579

Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.7	86.1
150	154.8	0.0	351.0



Instrument :
MSVOA_N
ClientSampleId :
S-2(8.5-9)

Manual Integrations APPROVED
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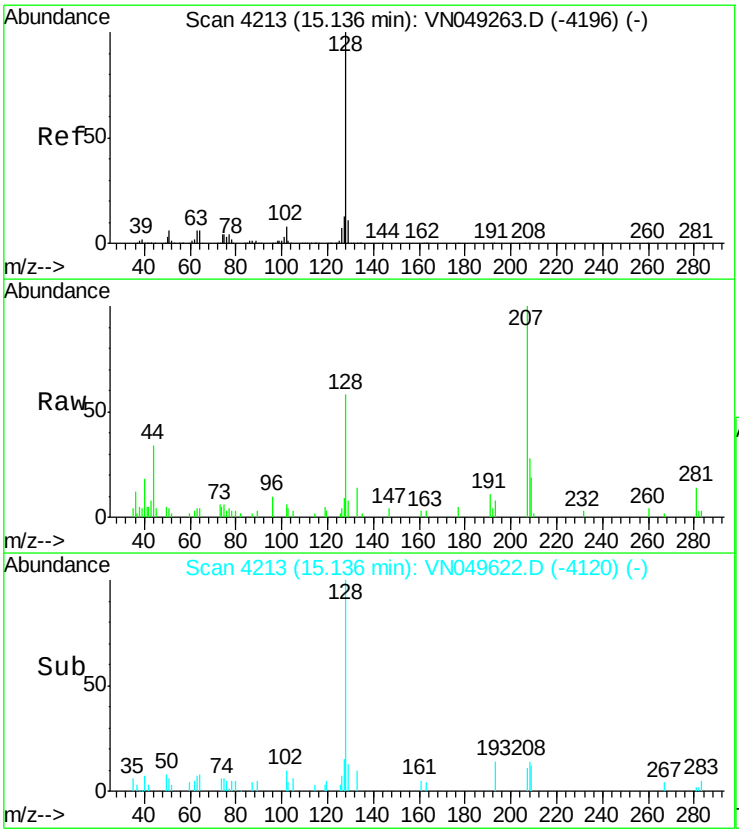
6/29/2018 1:46:50 PM



#95
Naphthalene
Concen: 2.599 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049622.D
Acq: 29 Jun 2018 6:00

Tgt Ion:128 Resp: 8375

Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.6	16.0
129	12.3	8.5	12.7