Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092019\
Data File : VN058249.D
Acq On : 20 Sep 2019 14:53
Operator : JC/SP
Sample : K4974-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 23 04:51:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
RE132D2-20190916

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	499758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	814549	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	686866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	278236	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	360040	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.46%			
35) Dibromofluoromethane	7.57	113	245718	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.24%			
50) Toluene-d8	10.09	98	1018992	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.64%			
62) 4-Bromofluorobenzene	12.40	95	321036	44.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	8251	2.010	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.74	101	14766	3.655	ug/l	97
27) cis-1,2-Dichloroethene	6.82	96	2487m	0.491	ug/l	
44) Trichloroethene	8.83	130	11413	2.599	ug/l	99

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

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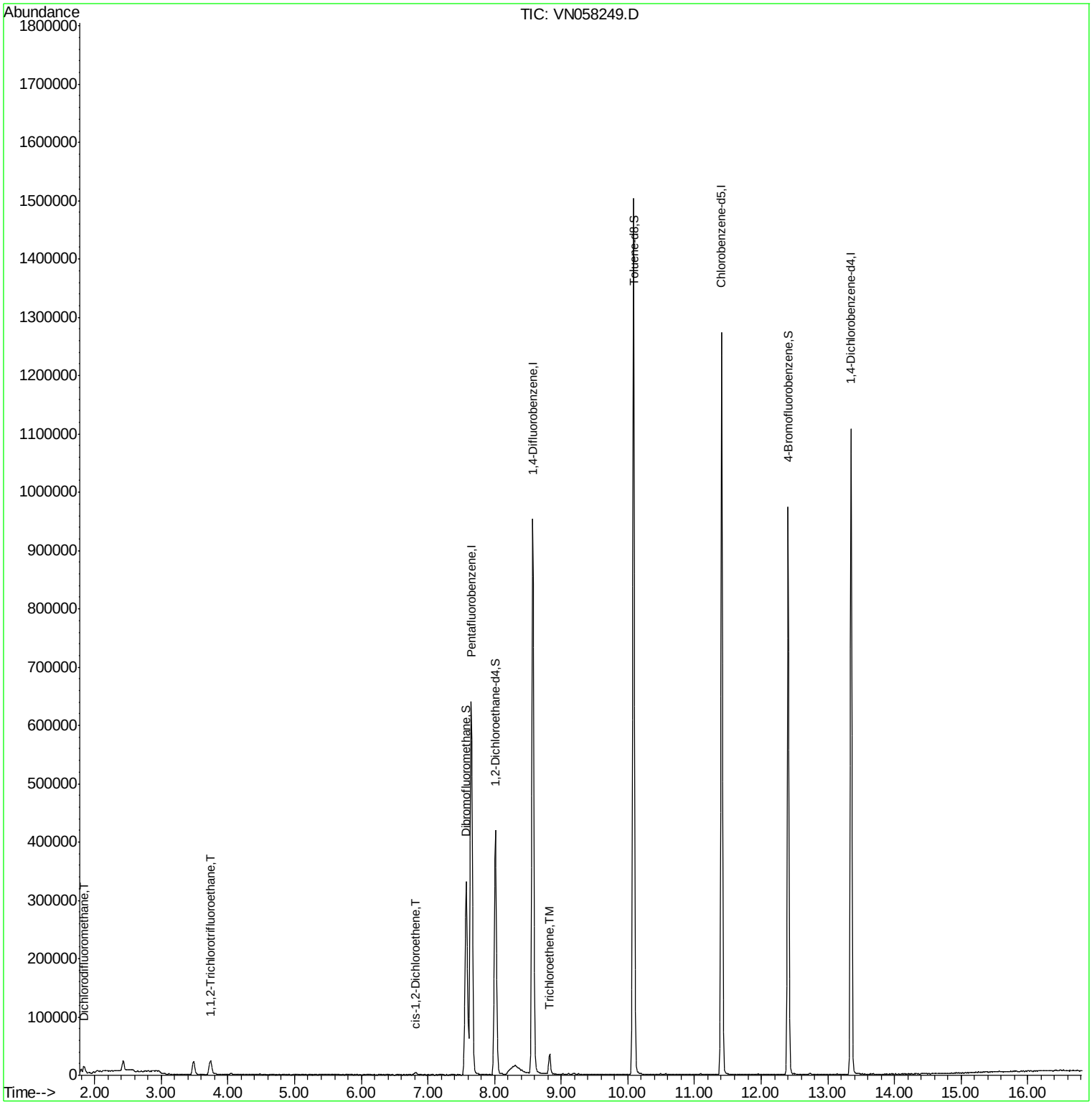
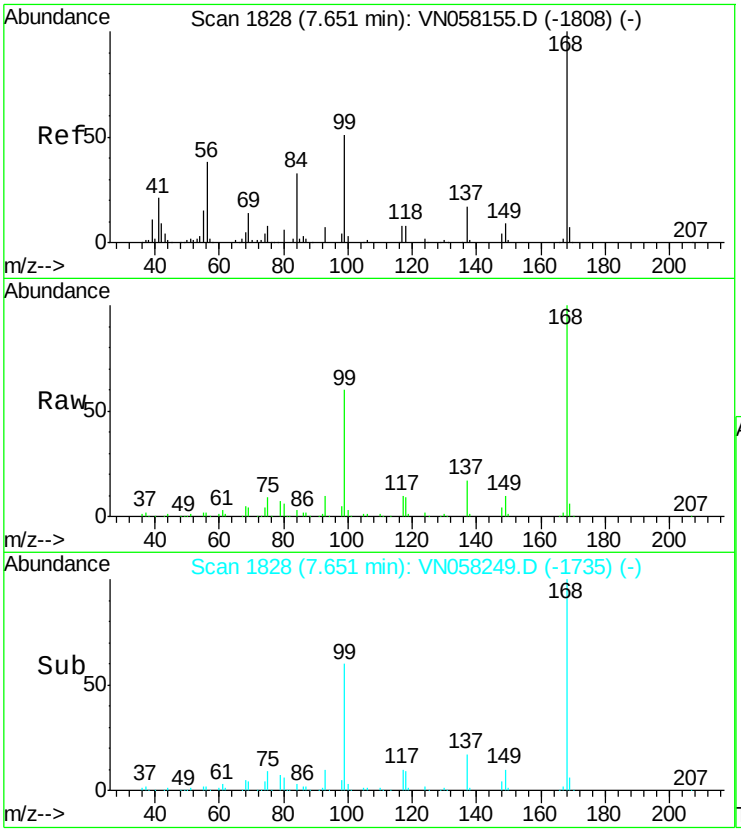
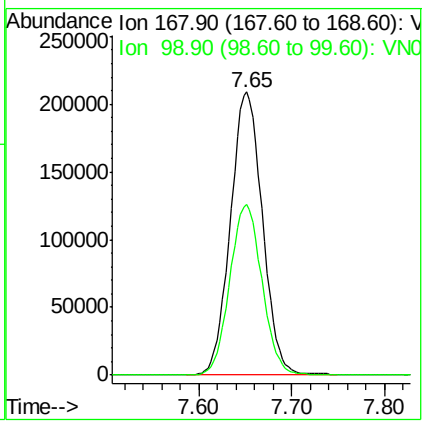




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN058249.D
Acq: 20 Sep 2019 14:53

Tgt Ion:168 Resp: 499758

Ion	Ratio	Lower	Upper
168	100		
99	60.2	47.4	71.2



Instrument :
MSVOA_N
ClientSampleId :
RE132D2-20190916

Manual Integrations APPROVED
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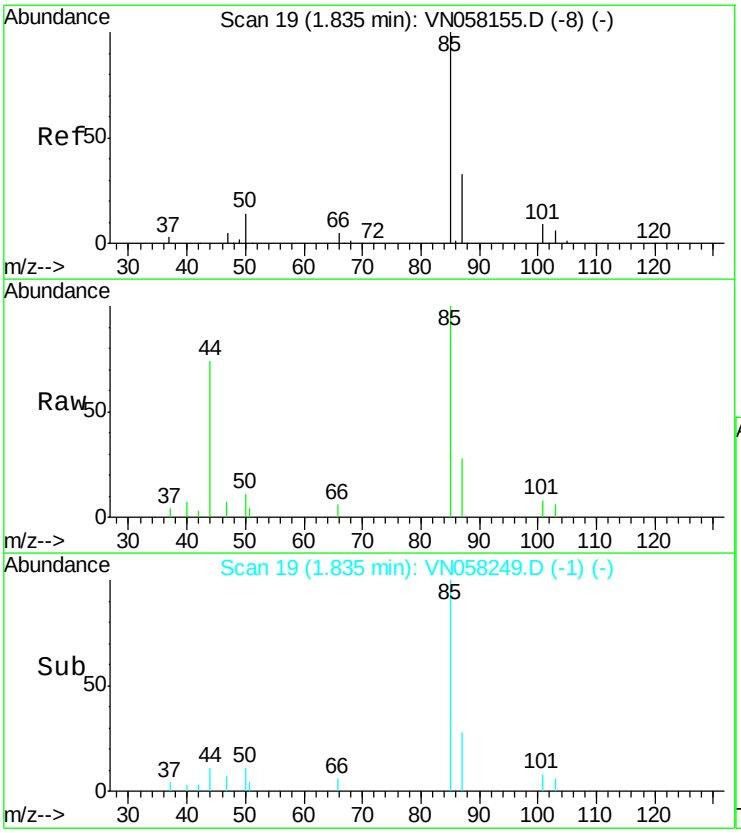
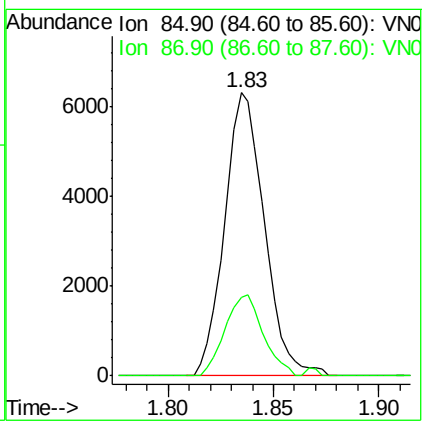
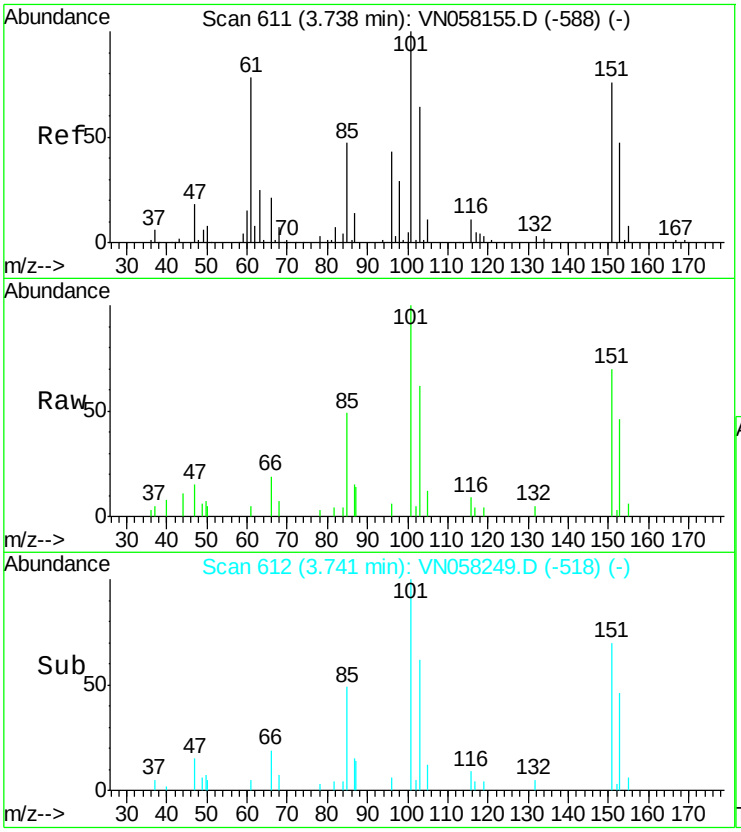


#2
Dichlorodifluoromethane
Concen: 2.010 ug/l
RT: 1.83 min Scan# 19
Delta R.T. 0.00 min
Lab File: VN058249.D
Acq: 20 Sep 2019 14:53

Tgt Ion: 85 Resp: 8251

Ion	Ratio	Lower	Upper
85	100		
87	27.6	16.3	48.9

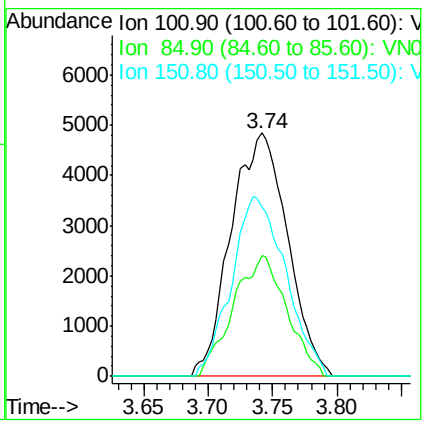




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.655 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN058249.D
Acq: 20 Sep 2019 14:53

Tgt Ion:101 Resp: 14766

Ion	Ratio	Lower	Upper
101	100		
85	46.9	37.3	55.9
151	70.9	59.6	89.4



Instrument :
MSVOA_N
ClientSampleId :
RE132D2-20190916

Manual Integrations APPROVED
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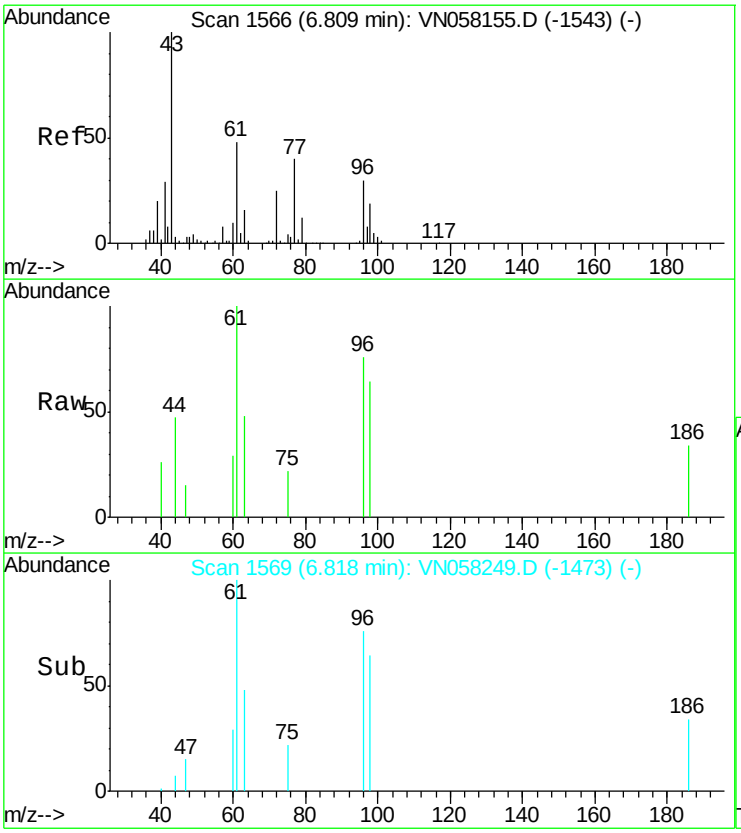
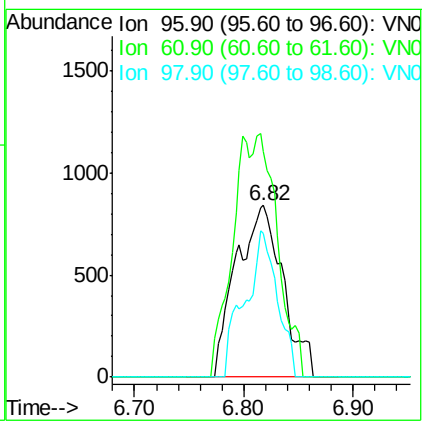
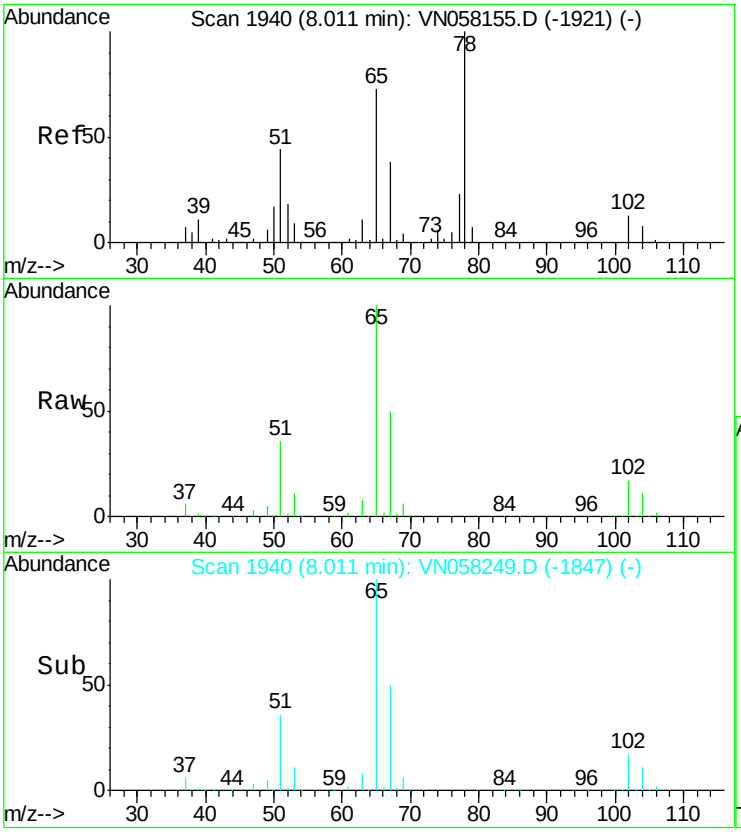


#27
cis-1,2-Dichloroethene
Concen: 0.491 ug/l m
RT: 6.82 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VN058249.D
Acq: 20 Sep 2019 14:53

Tgt Ion: 96 Resp: 2487

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	319.0
98	59.4	0.0	126.6





#33
1,2-Dichloroethane-d4
Concen: 51.725 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058249.D
Acq: 20 Sep 2019 14:53

Tgt Ion: 65 Resp: 360040

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.4

Instrument :
MSVOA_N
ClientSampleId :
RE132D2-20190916

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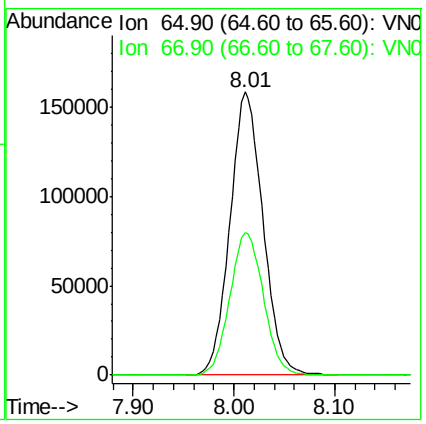
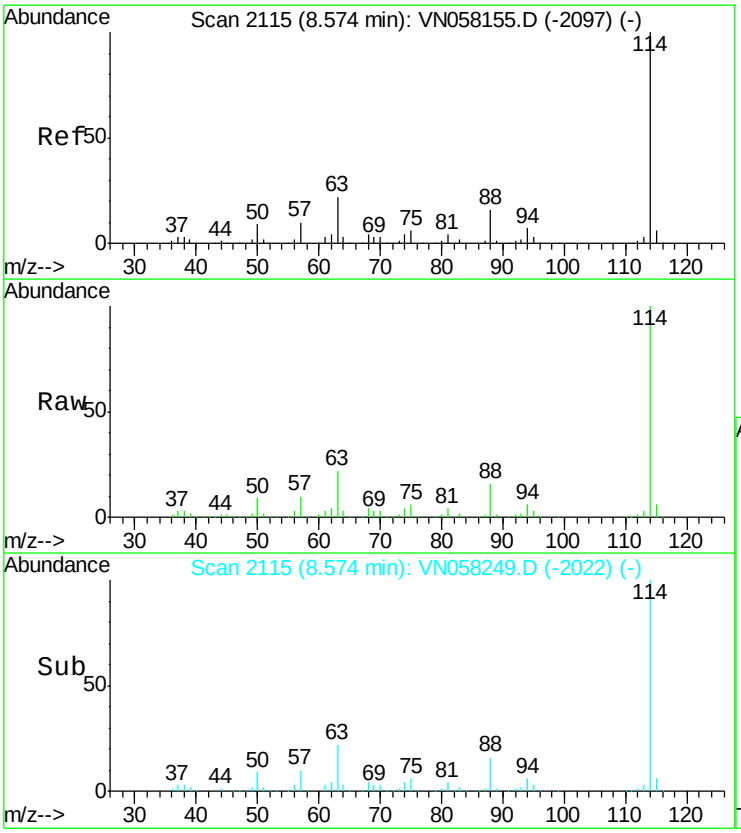
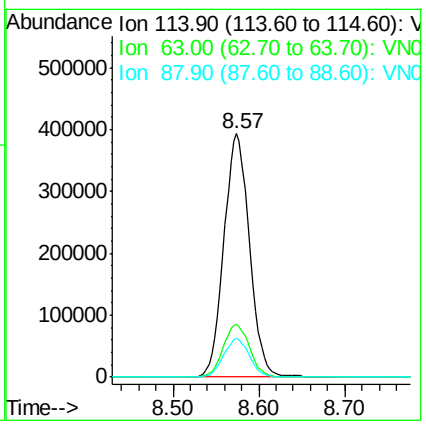


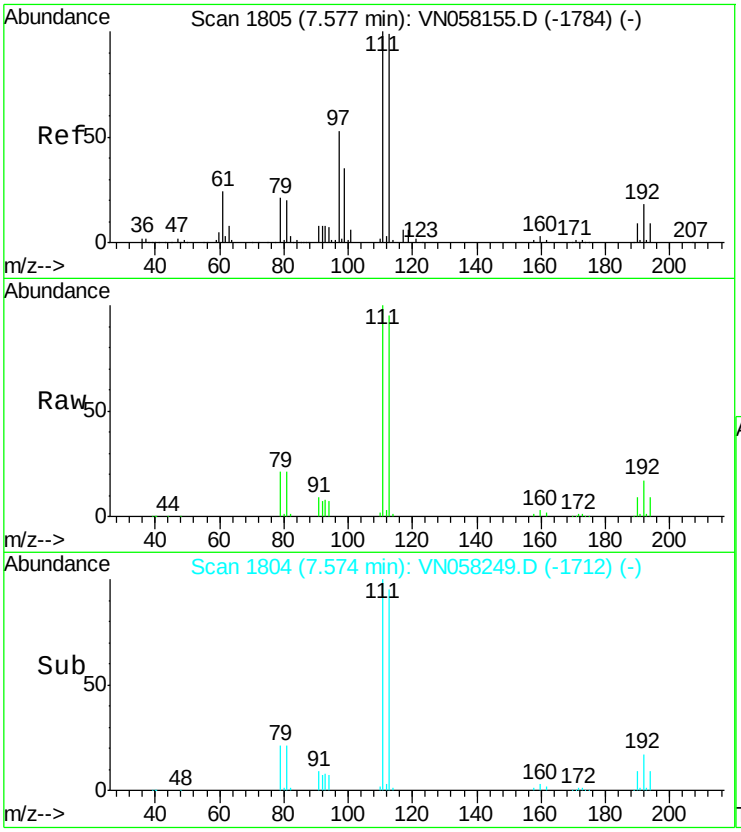


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN058249.D
Acq: 20 Sep 2019 14:53

Tgt Ion:114 Resp: 814549

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	44.2
88	15.9	0.0	31.6

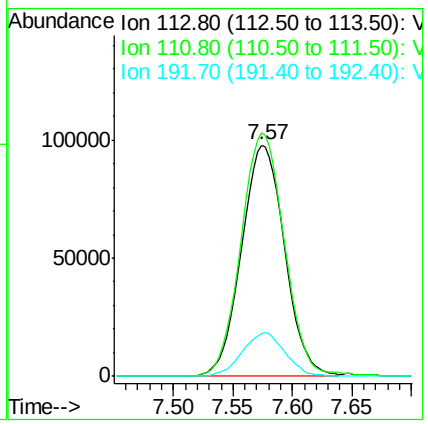




#35
Dibromofluoromethane
Concen: 49.622 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN058249.D
Acq: 20 Sep 2019 14:53

Tgt Ion:113 Resp: 245718

Ion	Ratio	Lower	Upper
113	100		
111	106.5	81.8	122.6
192	18.7	14.5	21.7



Instrument :
MSVOA_N
ClientSampleId :
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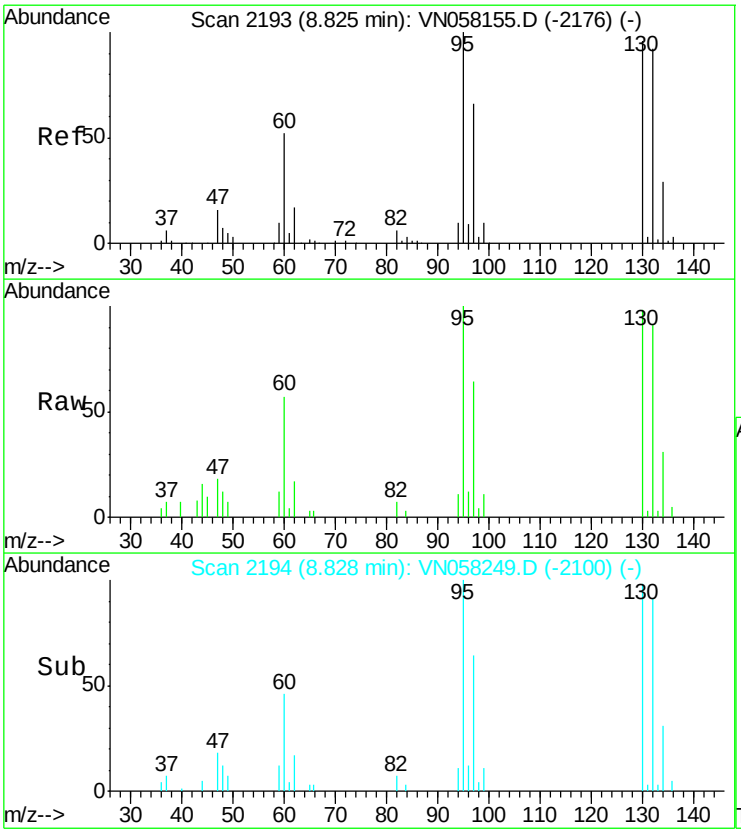
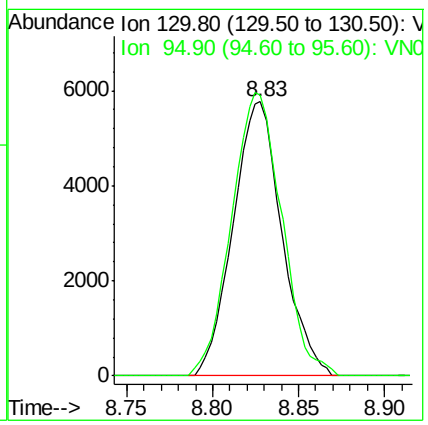
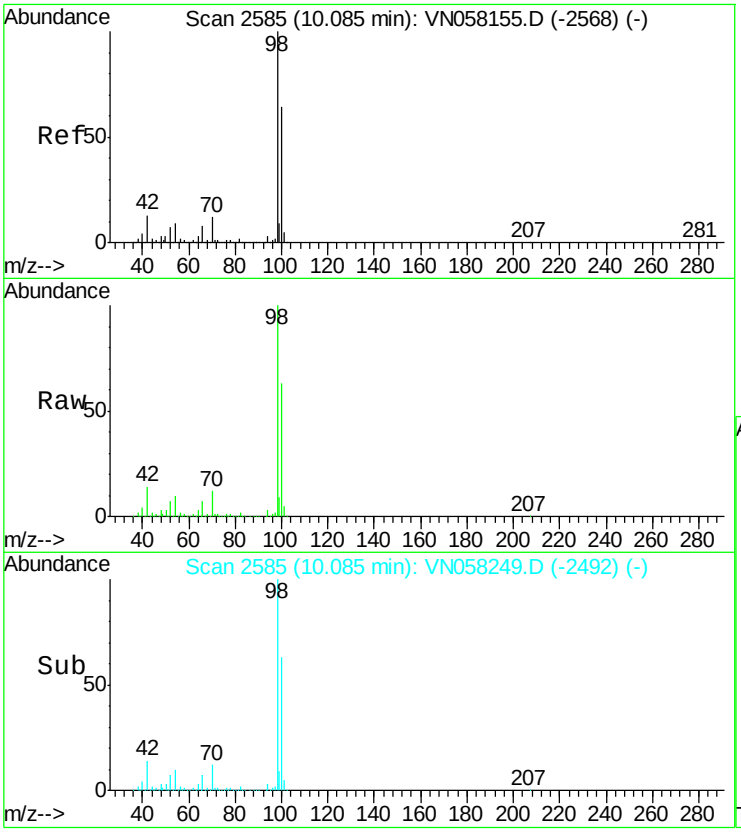


#44
Trichloroethene
Concen: 2.599 ug/l
RT: 8.83 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VN058249.D
Acq: 20 Sep 2019 14:53

Tgt Ion:130 Resp: 11413

Ion	Ratio	Lower	Upper
130	100		
95	102.4	0.0	207.8

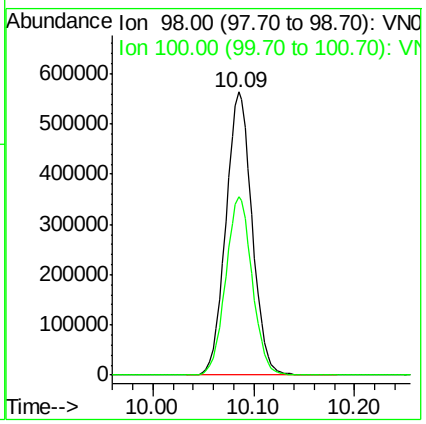




#50
Toluene-d8
Concen: 52.816 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058249.D
Acq: 20 Sep 2019 14:53

Tgt Ion: 98 Resp: 1018992

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.1	76.7



Instrument :
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ClientSampleId :
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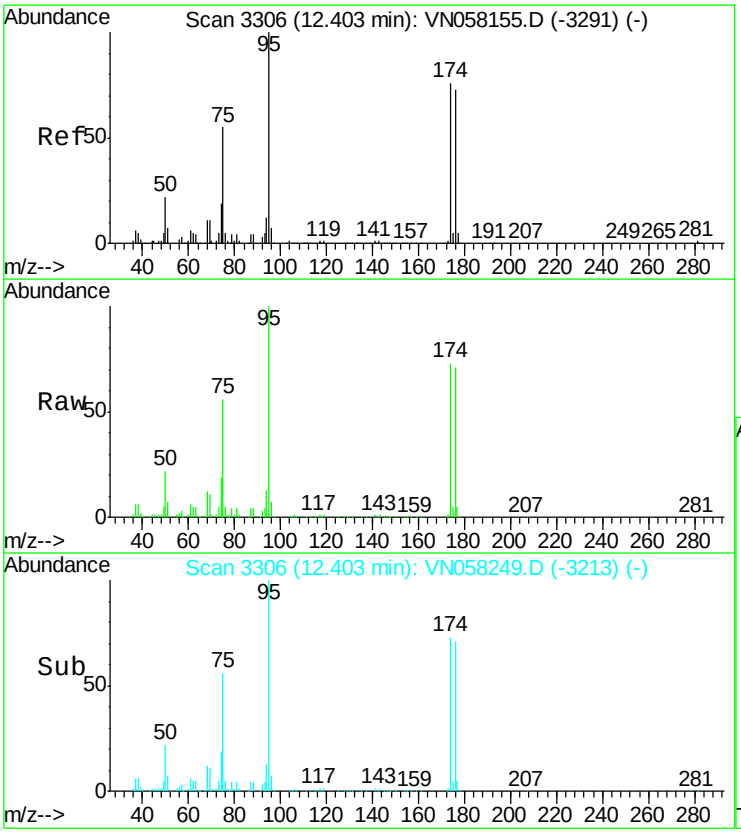
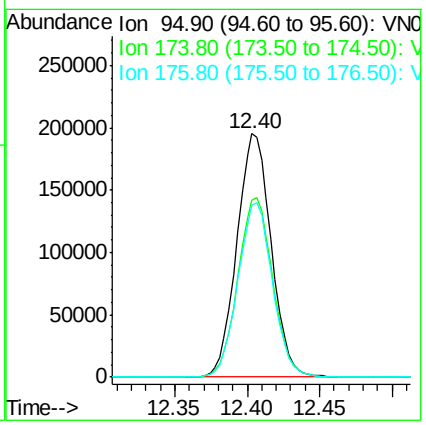
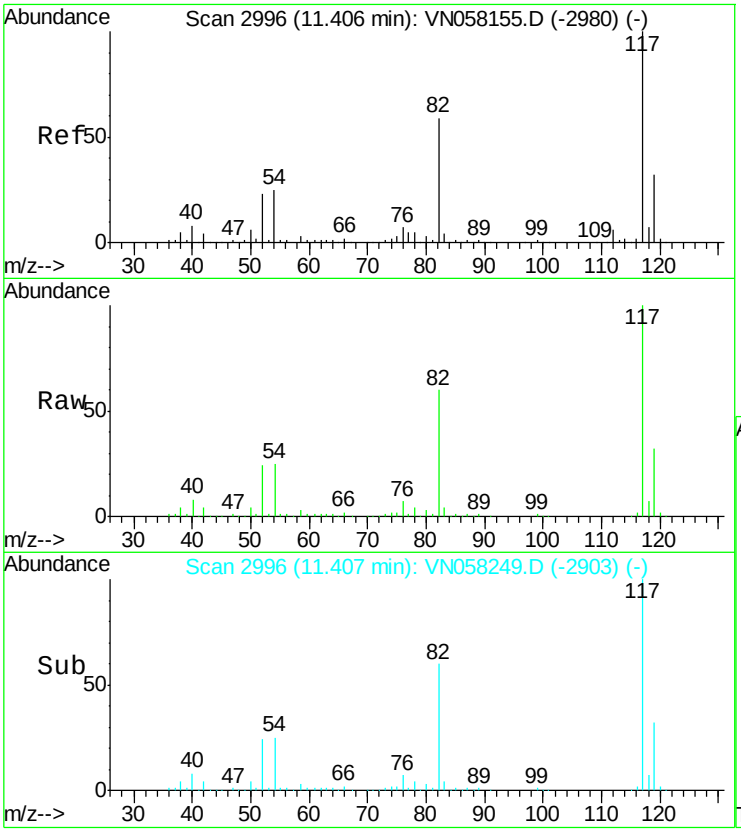


#62
4-Bromofluorobenzene
Concen: 44.796 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058249.D
Acq: 20 Sep 2019 14:53

Tgt Ion: 95 Resp: 321036

Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	152.2
176	72.3	0.0	148.0

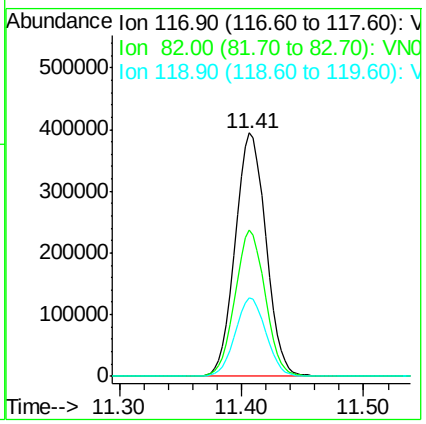




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058249.D
Acq: 20 Sep 2019 14:53

Tgt Ion:117 Resp: 686866

Ion	Ratio	Lower	Upper
117	100		
82	59.9	46.9	70.3
119	32.2	25.3	37.9



Instrument :
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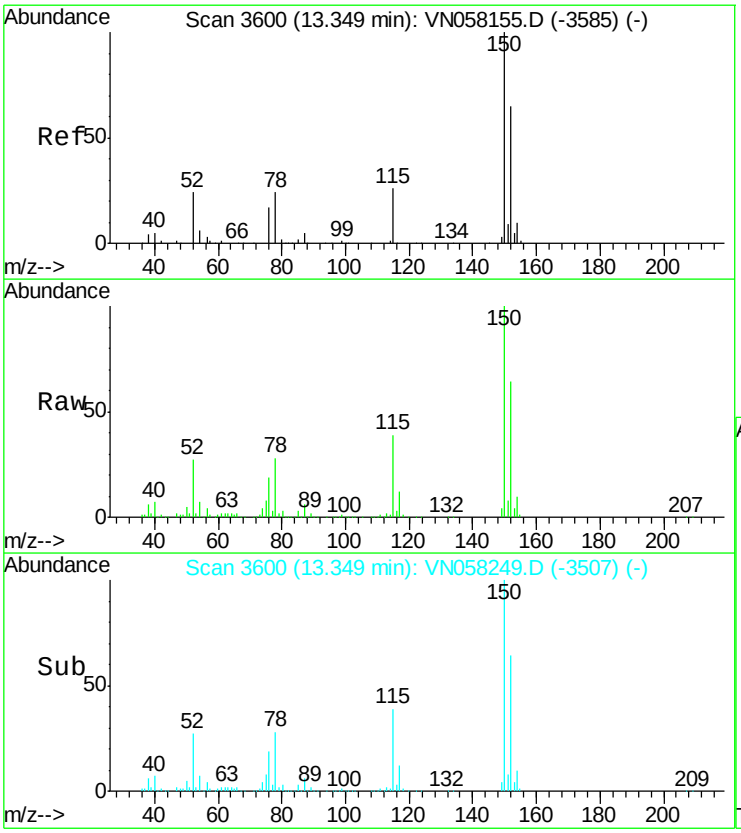

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058249.D
Acq: 20 Sep 2019 14:53

Tgt Ion:152 Resp: 278236

Ion	Ratio	Lower	Upper
152	100		
115	61.5	30.1	90.3
150	157.6	0.0	346.4