Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031320\

Quantitation Report (Not Reviewed)

Data File : VV014913.D
Acq On : 13 Mar 2020 19:06
Operator : SY/MD
Sample : L1858-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFRG5

Quant Time: Mar 16 01:39:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 16 01:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	405292	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	391801	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	186236	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	95407	34.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 69.58%			
7) Chloroethane-d5	1.58	69	76826	35.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 70.86%			
11) 1,1-Dichloroethene-d2	2.12	63	119720	26.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 52.54%#			
21) 2-Butanone-d5	3.94	46	123218	60.24	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 60.24%			
24) Chloroform-d	4.38	84	212990	41.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.02%			
26) 1,2-Dichloroethane-d4	5.06	65	144975	41.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.20%			
32) Benzene-d6	5.08	84	437461	42.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.58%			
36) 1,2-Dichloropropane-d6	6.10	67	133664	38.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 77.96%			
41) Toluene-d8	7.34	98	417438	41.20	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.40%			
43) trans-1,3-Dichloropropene-	7.64	79	64072	38.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.54%			
47) 2-Hexanone-d5	8.12	63	129577	85.11	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 85.11%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	198375	42.06	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 84.12%			
64) 1,2-Dichlorobenzene-d4	11.65	152	173632	47.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.08%			
Target Compounds						Qvalue
25) Chloroform	4.41	83	6199	1.126	ug/L	86
35) Methylcyclohexane	6.09	83	34677	7.082	ug/L #	18
39) cis-1,3-Dichloropropene	7.01	75	3808	0.792	ug/L #	61
48) 2-Hexanone	8.12	43	14704	4.206	ug/L #	75
49) Dibromochloromethane	8.27	129	2954	0.959	ug/L	93
53) m,p-Xylene	9.16	106	4614	0.872	ug/L	90
61) Bromoform	9.75	173	4207	2.082	ug/L	94

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

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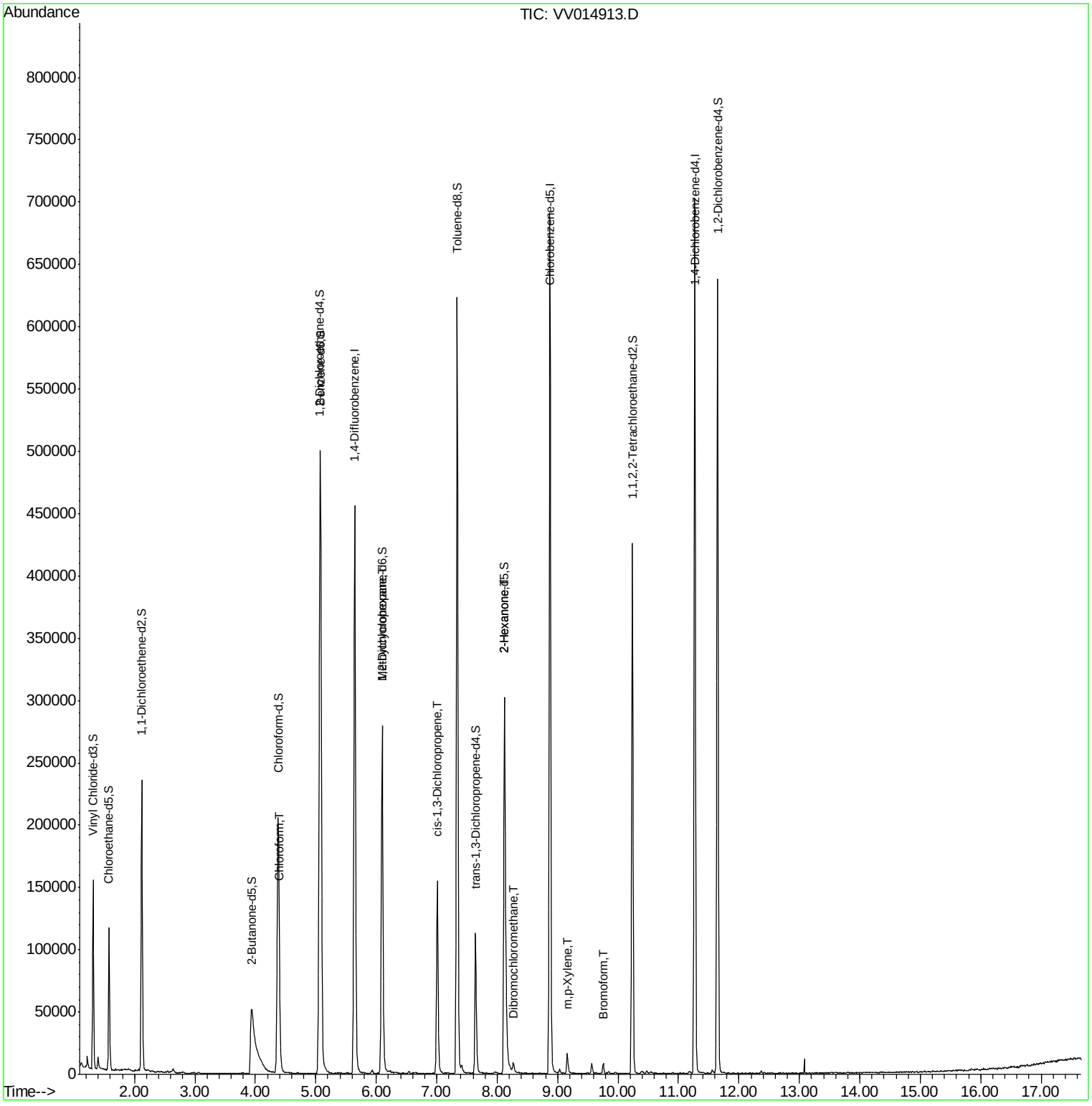
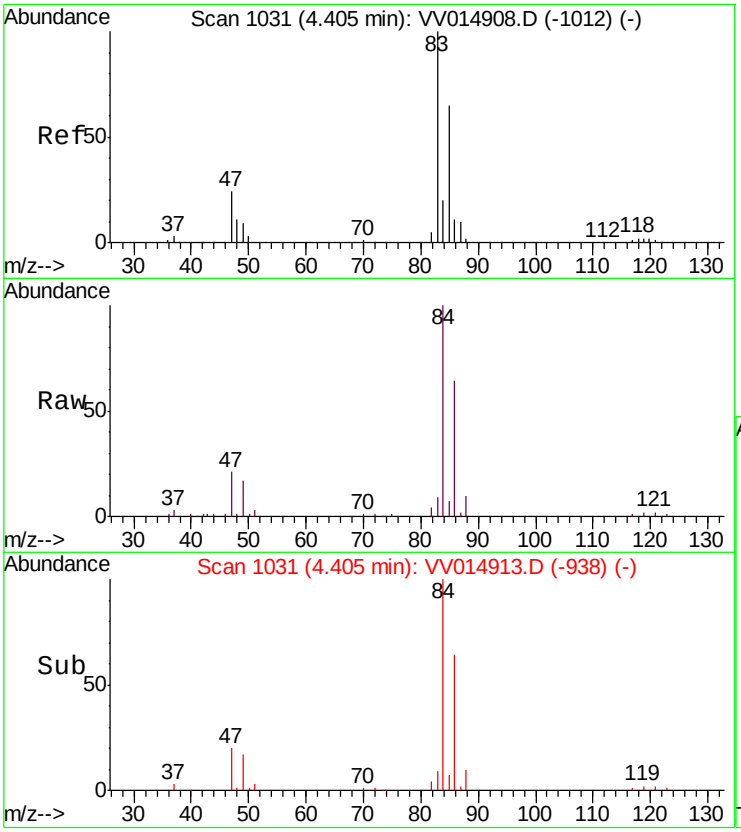


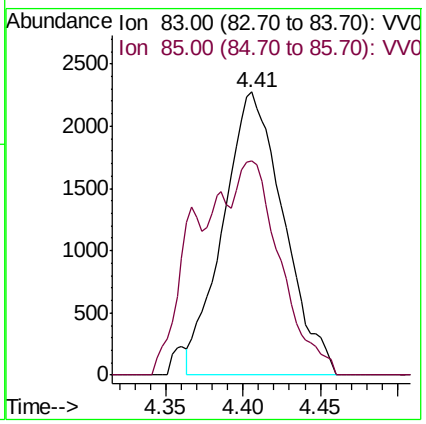


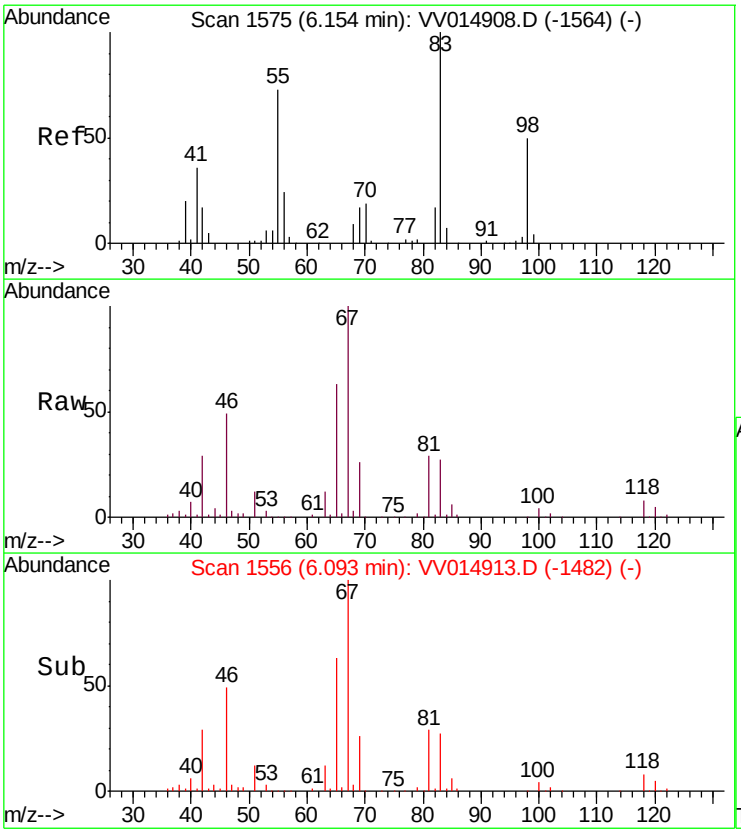
#25
Chloroform
Concen: 1.126 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV014913.D
Acq: 13 Mar 2020 19:06

Instrument :
MSVOA_V
ClientSampleId :
BFRG5

Tgt Ion: 83 Resp: 6199

Ion	Ratio	Lower	Upper
83	100		
85	75.9	45.1	83.9

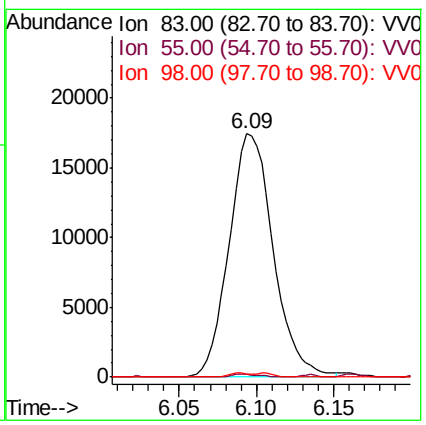


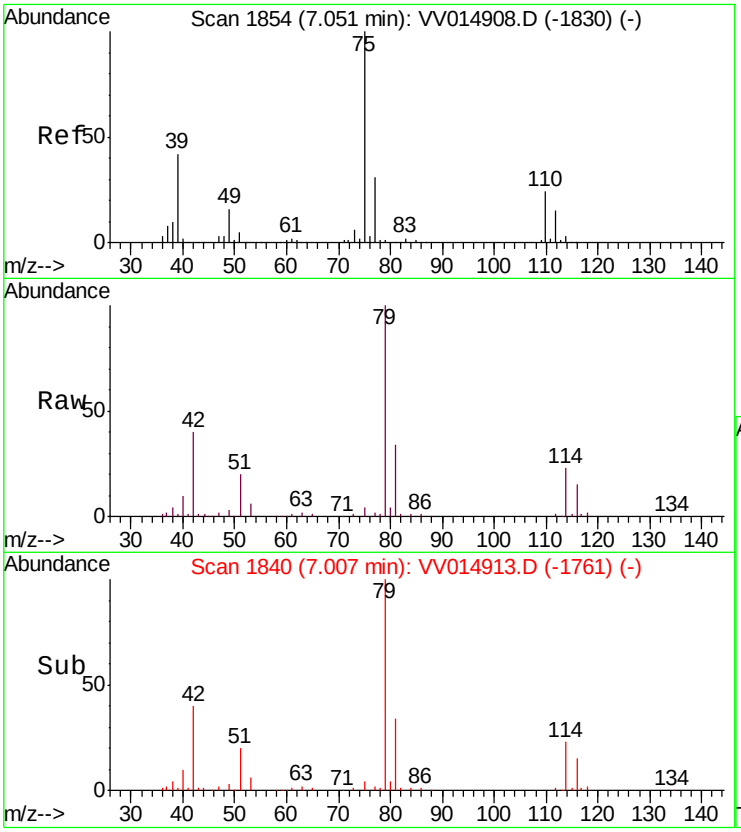


#35
Methylcyclohexane
Concen: 7.082 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV014913.D
Acq: 13 Mar 2020 19:06

Tgt Ion: 83 Resp: 34677

Ion	Ratio	Lower	Upper
83	100		
55	0.7	63.4	95.2#
98	0.8	36.8	55.2#



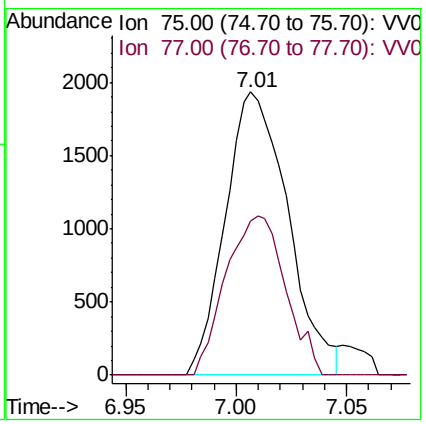


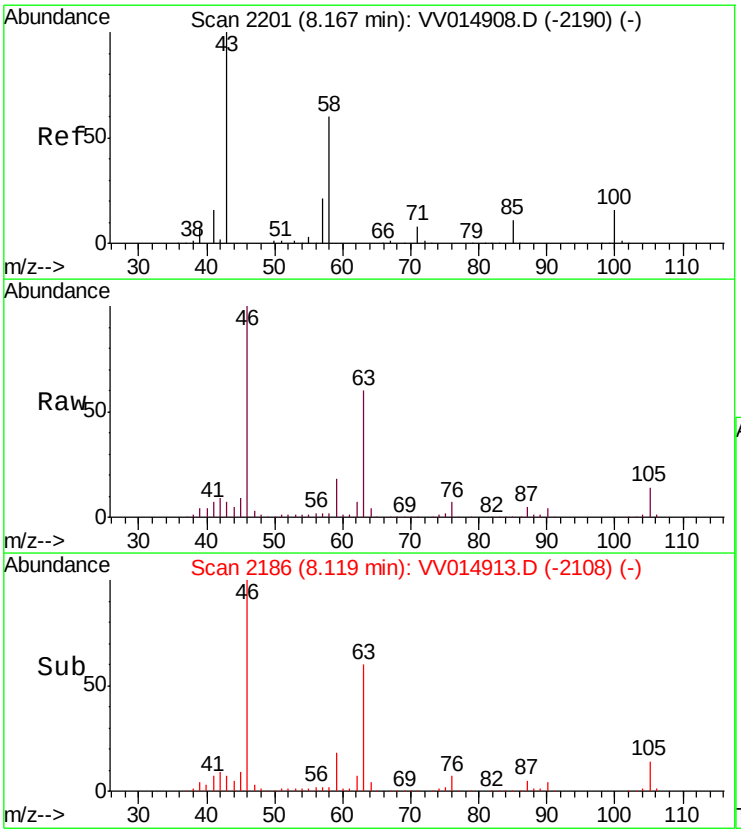
#39
cis-1,3-Dichloropropene
Concen: 0.792 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV014913.D
Acq: 13 Mar 2020 19:06

Instrument : MSVOA_V
ClientSampleId : BFRG5

Tgt Ion: 75 Resp: 3808

Ion	Ratio	Lower	Upper
75	100		
77	54.3	22.8	42.4#

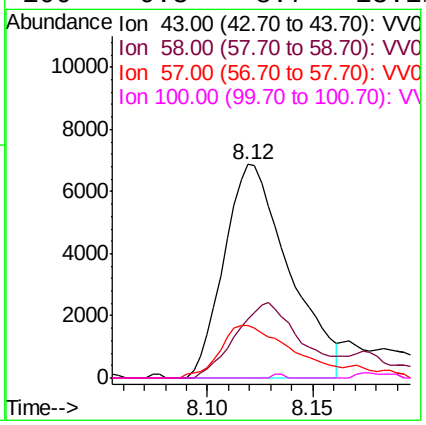


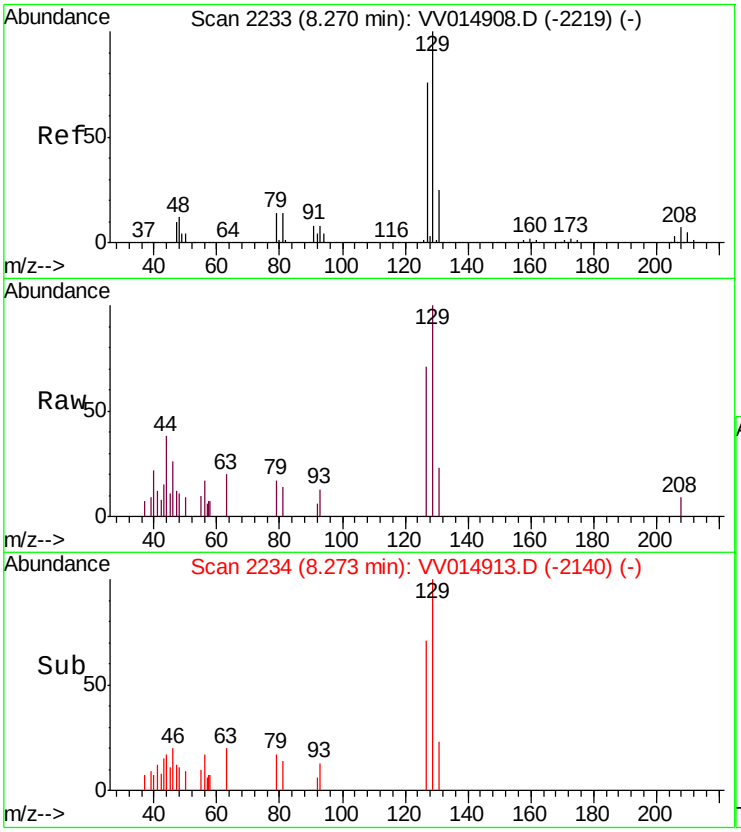


#48
2-Hexanone
Concen: 4.206 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV014913.D
Acq: 13 Mar 2020 19:06

Tgt Ion: 43 Resp: 14704

Ion	Ratio	Lower	Upper
43	100		
58	35.2	43.3	64.9#
57	27.5	15.6	23.4#
100	0.3	8.7	13.1#



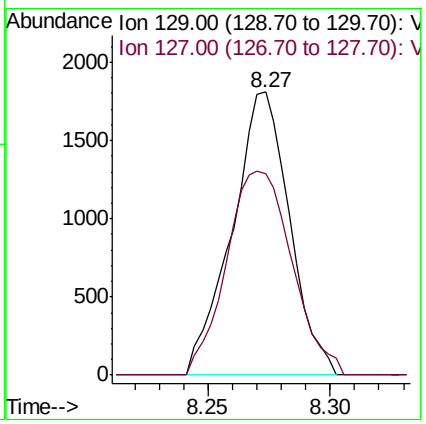


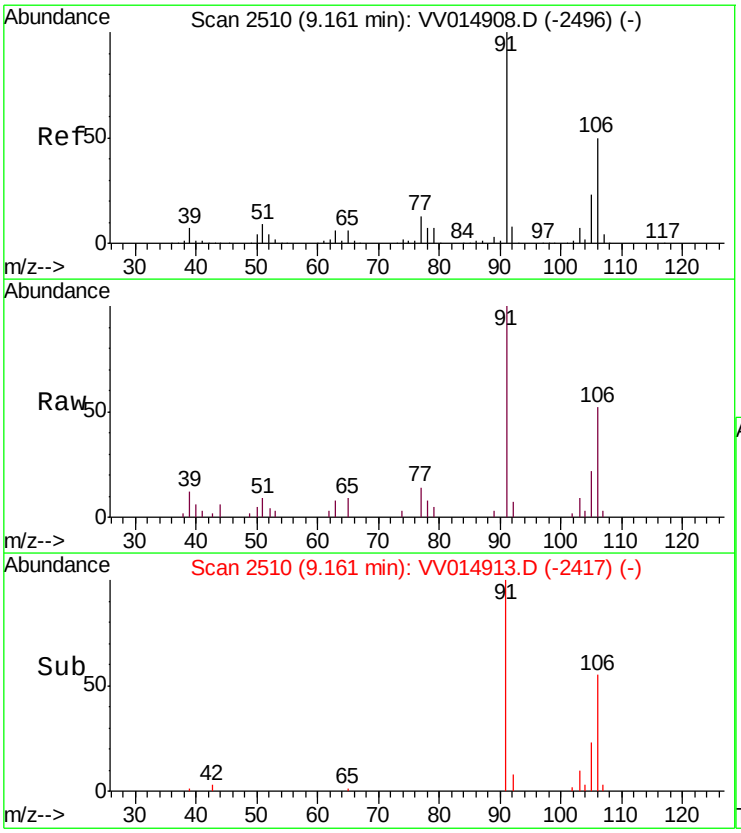
#49
Dibromochloromethane
Concen: 0.959 ug/L
RT: 8.27 min Scan# 2234
Delta R.T. 0.00 min
Lab File: VV014913.D
Acq: 13 Mar 2020 19:06

Instrument :
MSVOA_V
ClientSampleId :
BFRG5

Tgt Ion:129 Resp: 2954

Ion	Ratio	Lower	Upper
129	100		
127	71.4	53.9	100.1

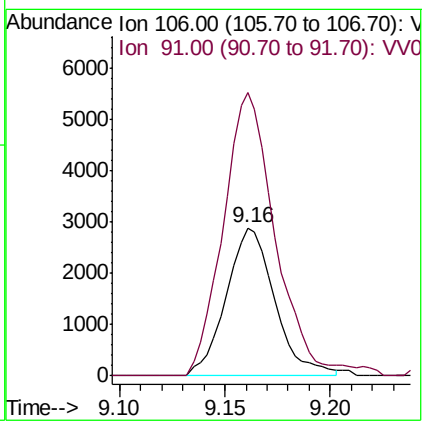


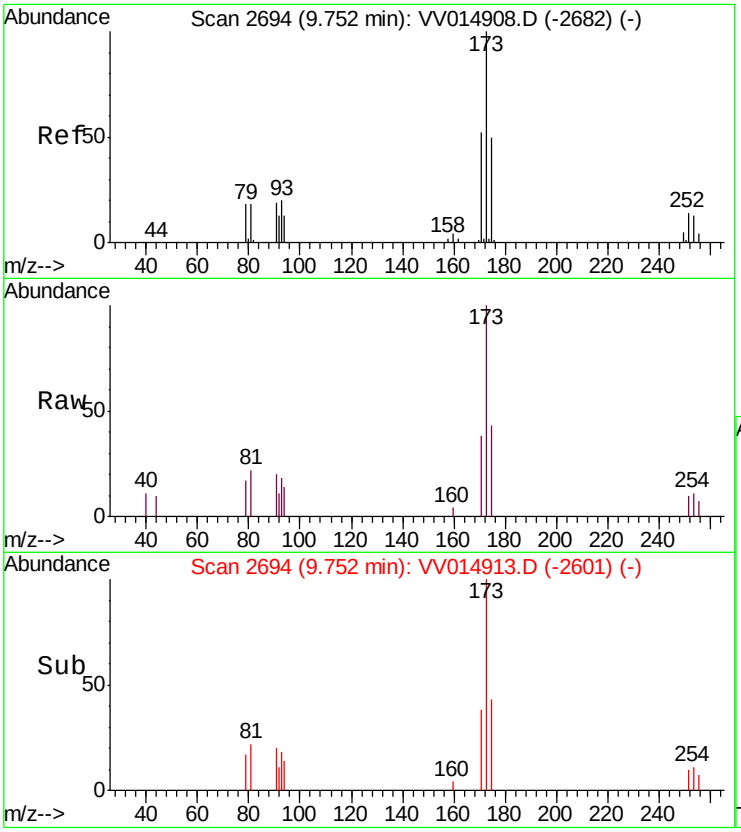


#53
m,p-Xylene
Concen: 0.872 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV014913.D
Acq: 13 Mar 2020 19:06

Tgt Ion:106 Resp: 4614

Ion	Ratio	Lower	Upper
106	100		
91	191.2	145.1	269.5





#61
Bromoform
Concen: 2.082 ug/L
RT: 9.75 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VV014913.D
Acq: 13 Mar 2020 19:06

Instrument :
MSVOA_V
ClientSampleId :
BFRG5

Tgt Ion:173 Resp: 4207

Ion	Ratio	Lower	Upper
173	100		
175	43.8	39.0	58.4
254	9.8	8.6	13.0