

Data File : VV014912.D
Acq On : 13 Mar 2020 18:42
Operator : SY/MD
Sample : L1858-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFRG2

Quant Time: Mar 16 01:39:13 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	399842	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	388089	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	187490	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93994	34.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.48%
7) Chloroethane-d5	1.58	69	75611	35.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.70%
11) 1,1-Dichloroethene-d2	2.12	63	118857	26.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.86%#
21) 2-Butanone-d5	3.94	46	115238	57.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	57.10%
24) Chloroform-d	4.38	84	216086	42.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.34%
26) 1,2-Dichloroethane-d4	5.06	65	144204	41.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.88%
32) Benzene-d6	5.08	84	439464	42.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.78%
36) 1,2-Dichloropropane-d6	6.10	67	135565	39.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.82%
41) Toluene-d8	7.34	98	417311	41.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.16%
43) trans-1,3-Dichloropropene-	7.64	79	64460	38.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.74%
47) 2-Hexanone-d5	8.12	63	133463	88.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.50%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	195633	41.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	174436	46.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.88%

Target Compounds

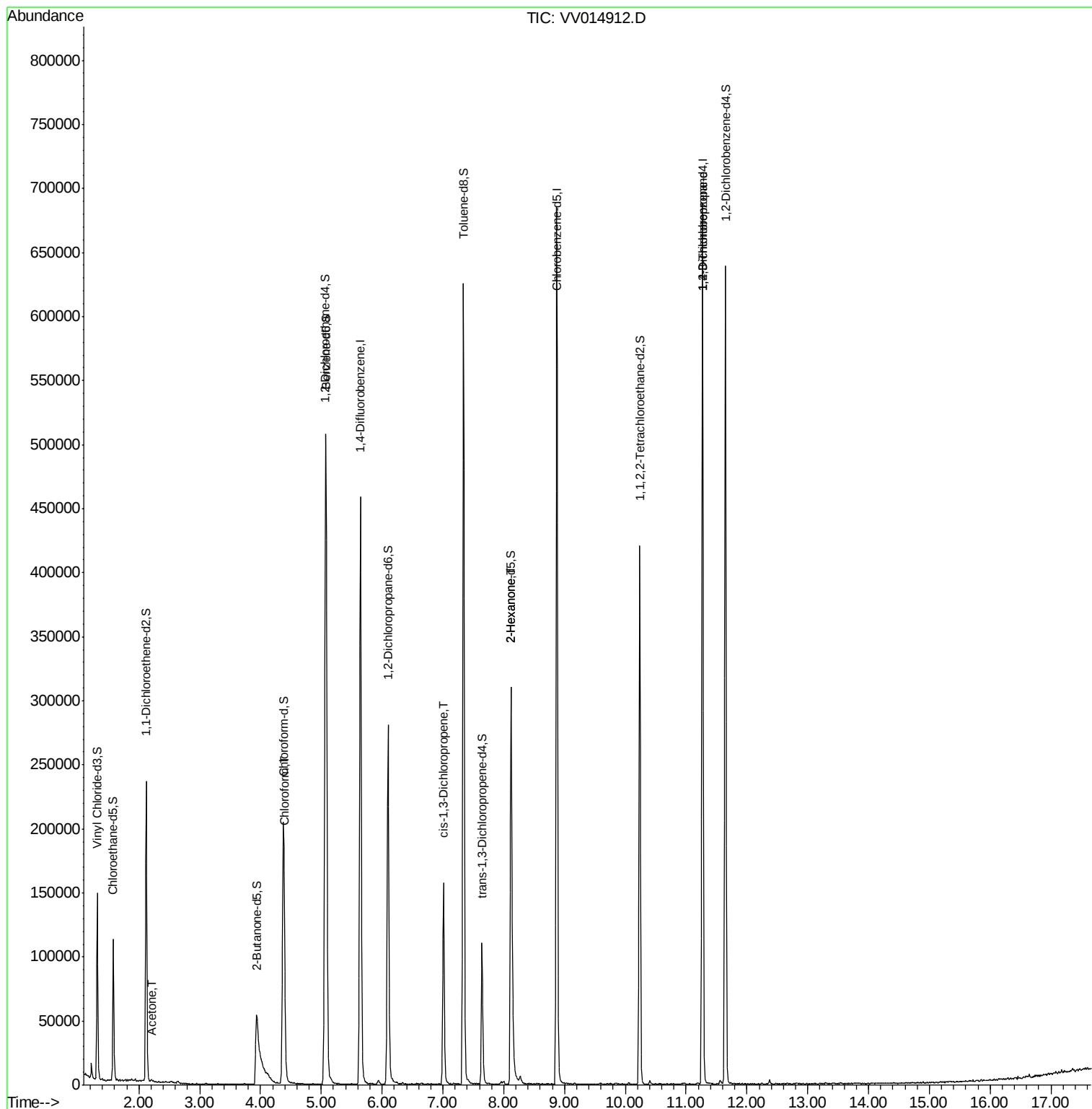
					Qvalue
13) Acetone	2.21	43	1729	1.026 ug/L	60
25) Chloroform	4.40	83	5404	0.995 ug/L	78
39) cis-1,3-Dichloropropene	7.01	75	3800	0.798 ug/L	85
48) 2-Hexanone	8.12	43	14993	4.330 ug/L #	78
59) 1,2,3-Trichloropropane	11.27	75	18065	4.656 ug/L	91

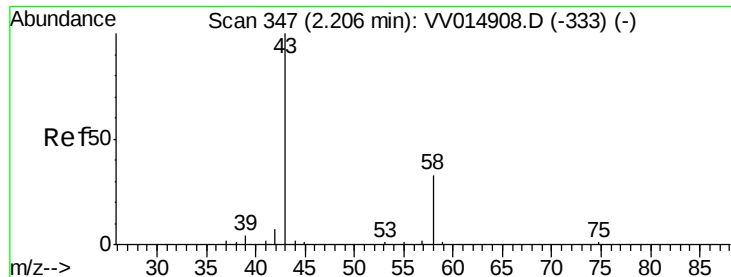
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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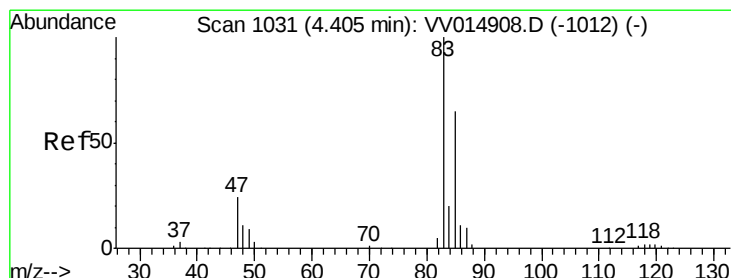
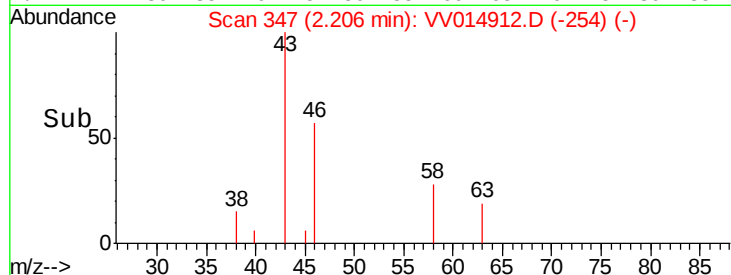
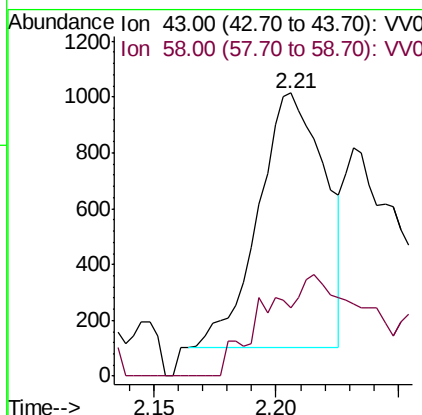
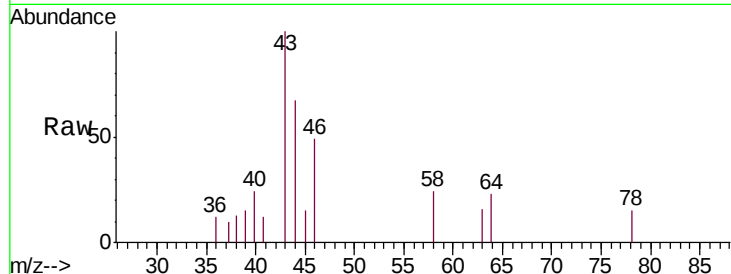




#13
Acetone
Concen: 1.026 ug/L
RT: 2.21 min Scan# 347
Delta R.T. 0.00 min
Lab File: VV014912.D
Acq: 13 Mar 2020 18:42

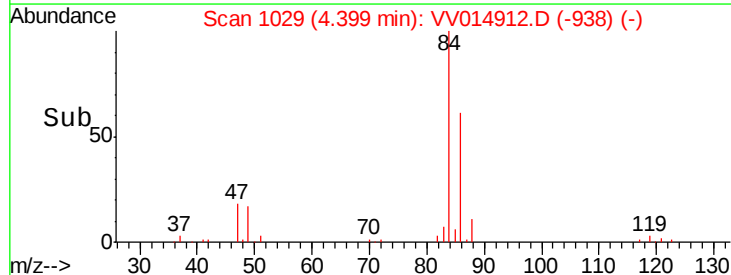
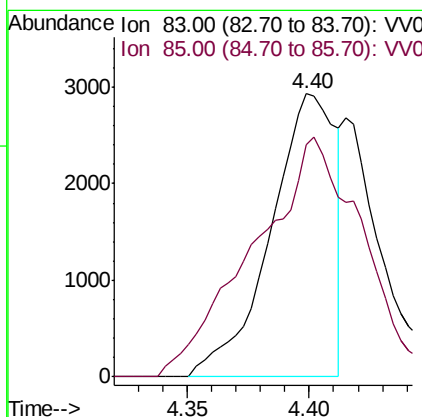
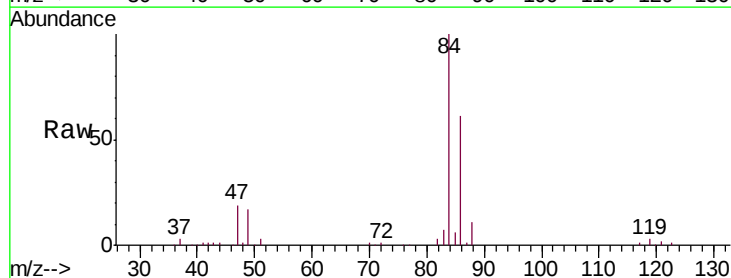
Instrument :
MSVOA_V
ClientSampled :
BFRG2

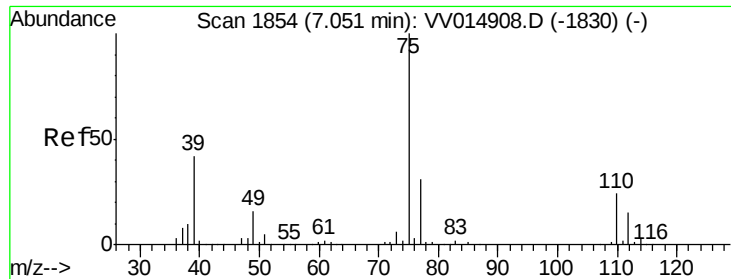
Tgt Ion: 43 Resp: 1729
Ion Ratio Lower Upper
43 100
58 8.9 0.0 62.2



#25
Chloroform
Concen: 0.995 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VV014912.D
Acq: 13 Mar 2020 18:42

Tgt Ion: 83 Resp: 5404
Ion Ratio Lower Upper
83 100
85 81.9 45.1 83.9

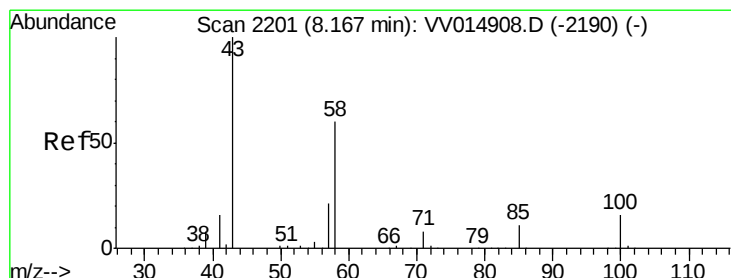
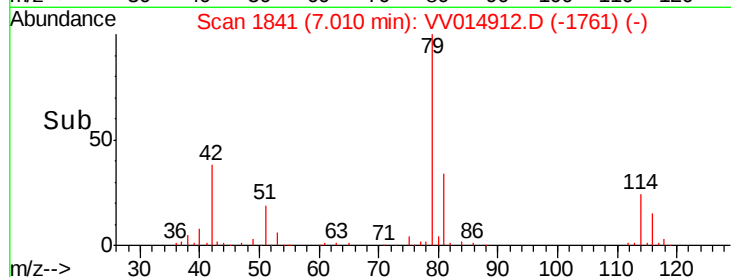
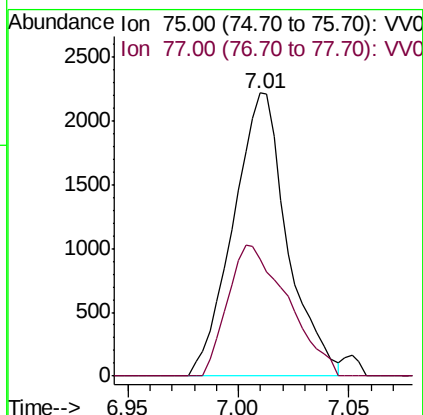
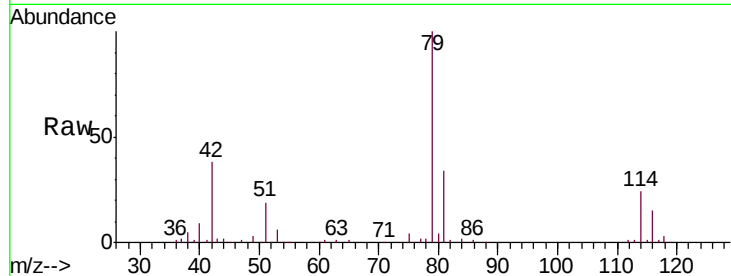




#39
 cis-1,3-Dichloropropene
 Concen: 0.798 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV014912.D
 Acq: 13 Mar 2020 18:42

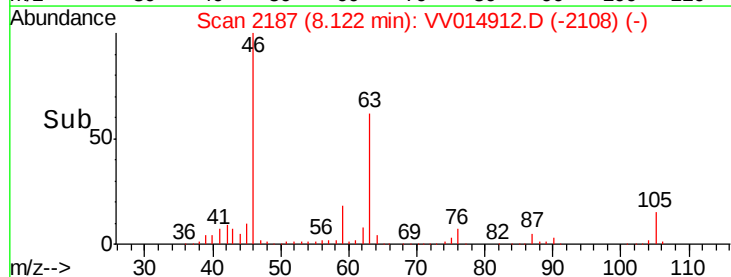
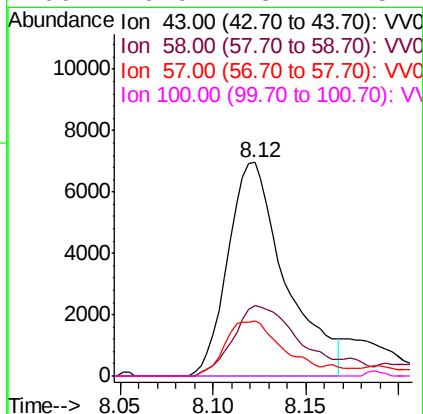
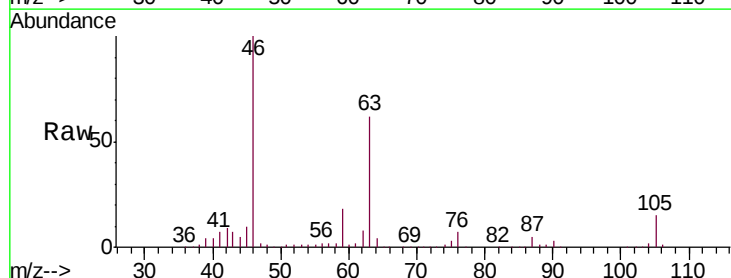
Instrument :
 MSVOA_V
 ClientSampleId :
 BFRG2

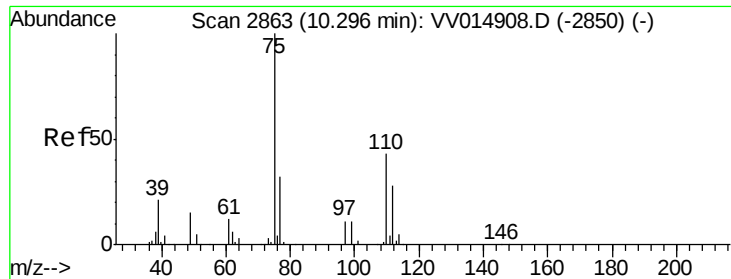
Tgt Ion: 75 Resp: 3800
 Ion Ratio Lower Upper
 75 100
 77 41.3 22.8 42.4



#48
 2-Hexanone
 Concen: 4.330 ug/L
 RT: 8.12 min Scan# 2187
 Delta R.T. -0.04 min
 Lab File: VV014912.D
 Acq: 13 Mar 2020 18:42

Tgt Ion: 43 Resp: 14993
 Ion Ratio Lower Upper
 43 100
 58 37.5 43.3 64.9#
 57 25.8 15.6 23.4#
 100 0.0 8.7 13.1#





#59

1,2,3-Trichloropropane

Concen: 4.656 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV014912.D

Acq: 13 Mar 2020 18:42

Instrument :

MSVOA_V

ClientSampleId :

BFRG2

Tgt Ion: 75 Resp: 18065

Ion Ratio Lower Upper

75 100

77 37.2 25.6 38.4

