

Data File : VV014916.D
Acq On : 13 Mar 2020 20:19
Operator : SY/MD
Sample : L1858-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFRG8

Quant Time: Mar 16 01:39:51 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	403027	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	389518	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	191876	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94538	34.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.32%
7) Chloroethane-d5	1.58	69	76193	35.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.68%
11) 1,1-Dichloroethene-d2	2.12	63	121127	26.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.46%#
21) 2-Butanone-d5	3.94	46	137199	67.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	67.45%
24) Chloroform-d	4.38	84	217933	42.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.06	65	148192	42.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.50%
32) Benzene-d6	5.08	84	440429	42.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.64%
36) 1,2-Dichloropropane-d6	6.10	67	136835	40.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.28%
41) Toluene-d8	7.34	98	423147	42.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.02%
43) trans-1,3-Dichloropropene-	7.64	79	63419	38.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.20%
47) 2-Hexanone-d5	8.12	63	131927	87.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.16%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	199036	42.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	176501	46.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.82%

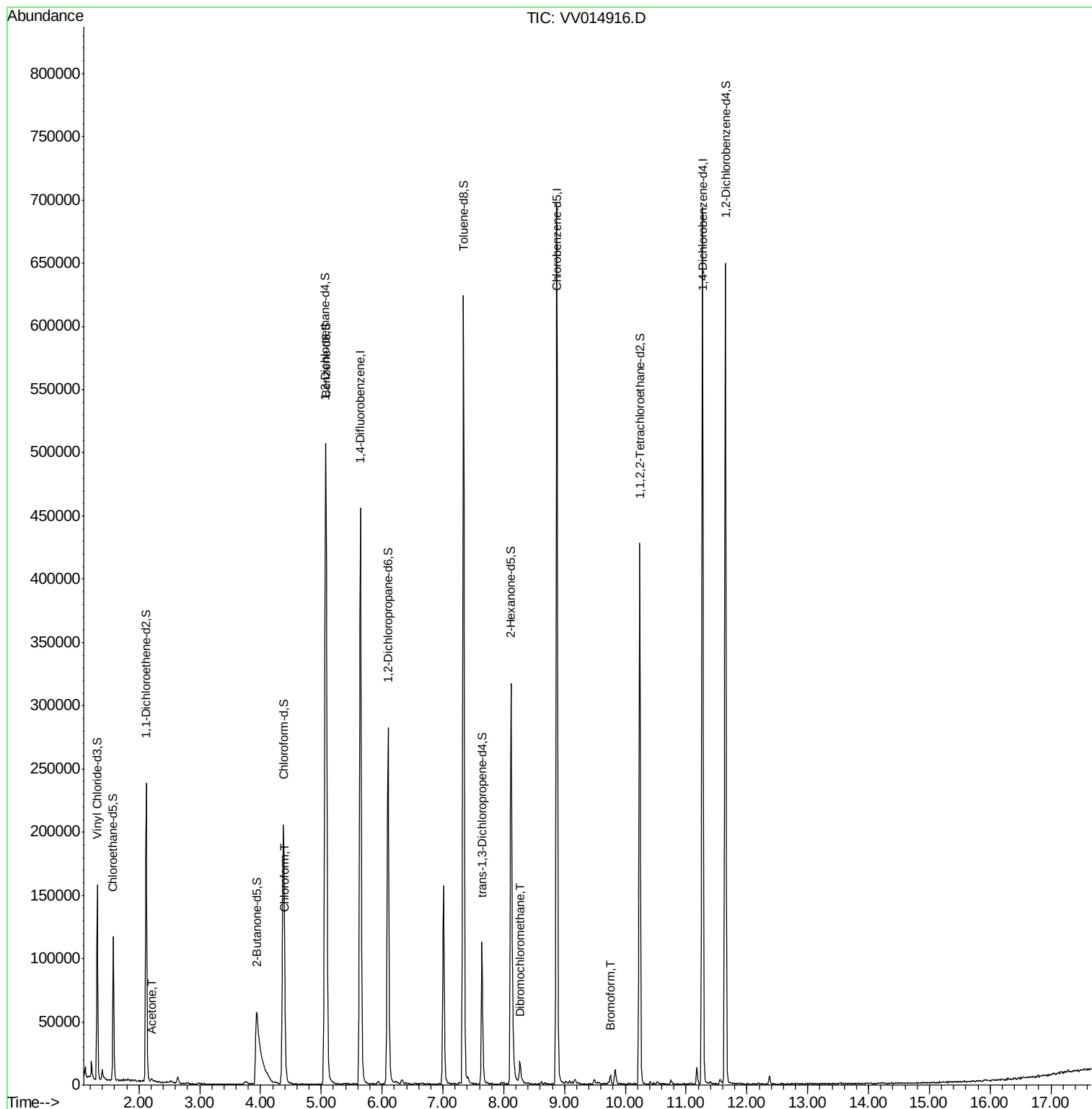
Target Compounds					Qvalue
13) Acetone	2.21	43	2194	1.292 ug/L	74
25) Chloroform	4.41	83	6581	1.202 ug/L	80
49) Dibromochloromethane	8.27	129	2121	0.693 ug/L	81
61) Bromoform	9.75	173	3232	1.553 ug/L	94

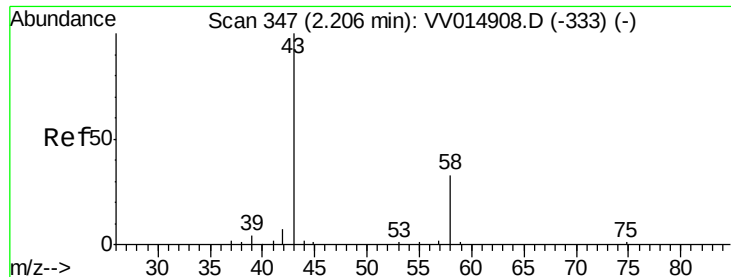
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.292 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampled :

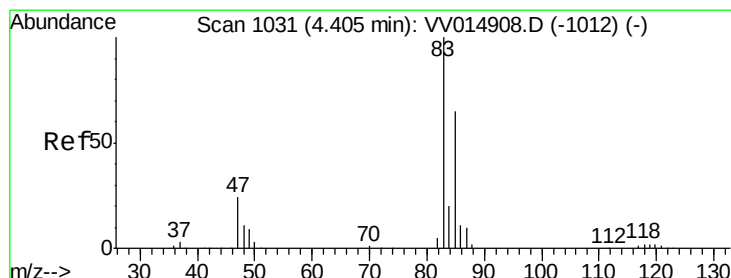
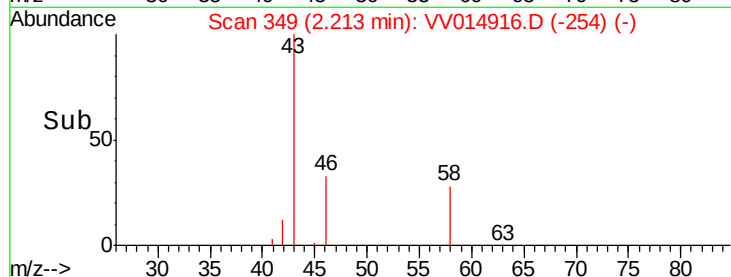
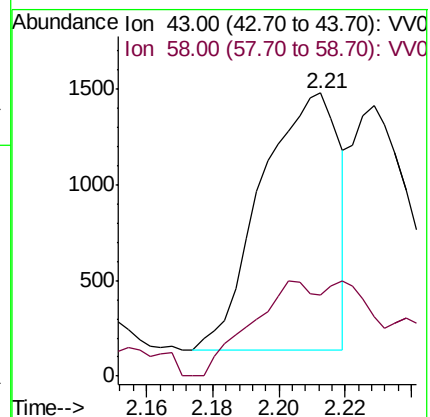
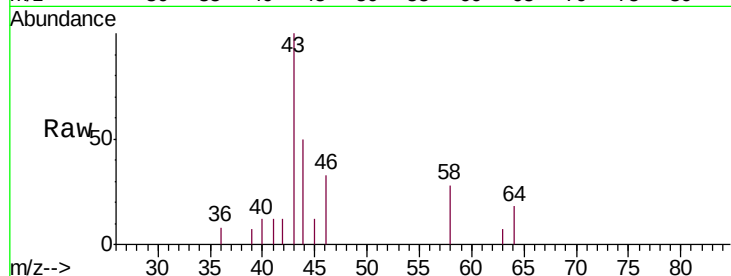
BFRG8

Tgt Ion: 43 Resp: 2194

Ion Ratio Lower Upper

43 100

58 16.8 0.0 62.2



#25

Chloroform

Concen: 1.202 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.00 min

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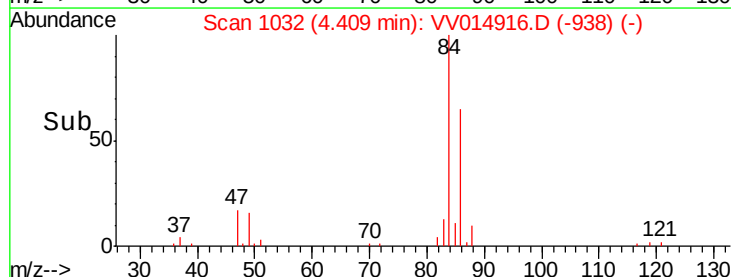
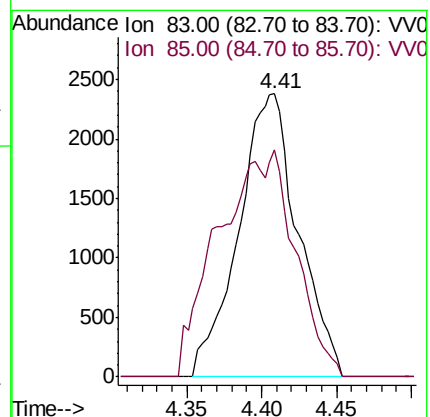
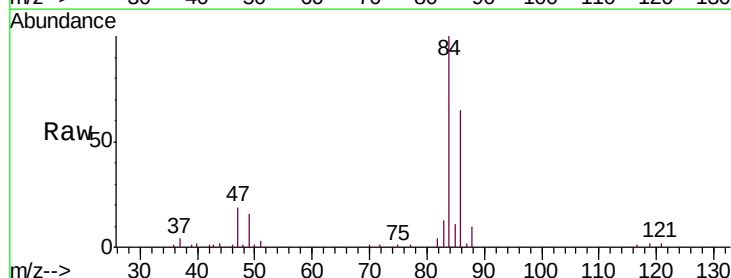
Acq: 13 Mar 2020 20:19

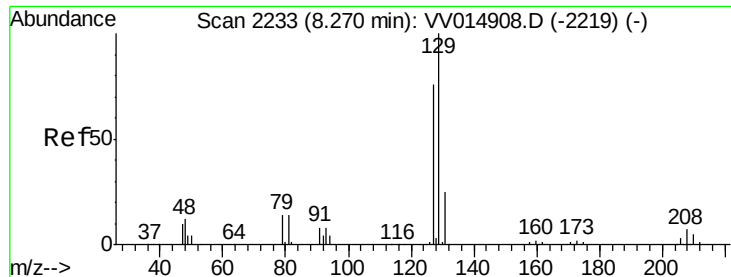
Tgt Ion: 83 Resp: 6581

Ion Ratio Lower Upper

83 100

85 80.1 45.1 83.9





#49

Dibromochloromethane

Concen: 0.693 ug/L

RT: 8.27 min Scan# 2233

Delta R.T. 0.00 min

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Acq: 13 Mar 2020 20:19

Instrument :

MSVOA_V

ClientSampled :

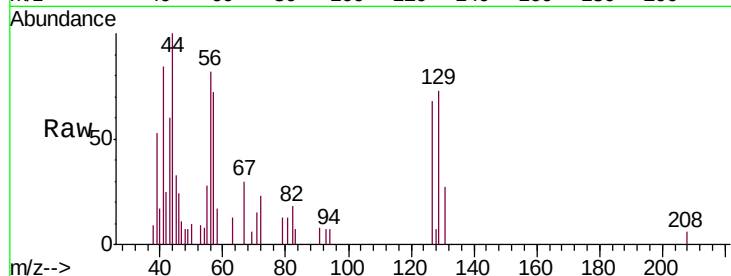
BFRG8

Tgt Ion:129 Resp: 2121

Ion Ratio Lower Upper

129 100

127 93.2 53.9 100.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.27

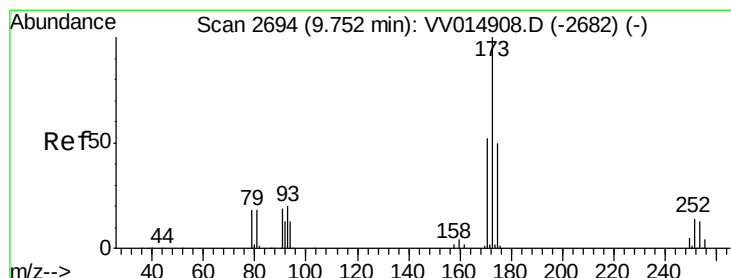
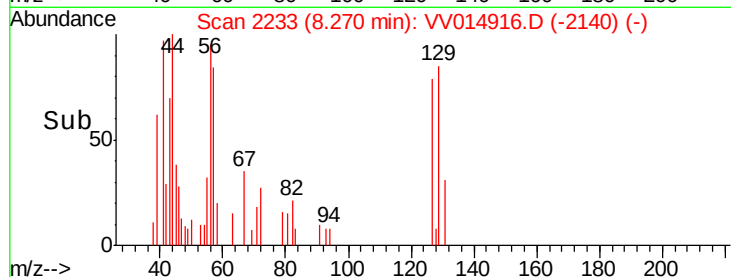
1500

1000

500

0

Time--> 8.22 8.24 8.26 8.28 8.30



#61

Bromoform

Concen: 1.553 ug/L

RT: 9.75 min Scan# 2694

Delta R.T. 0.00 min

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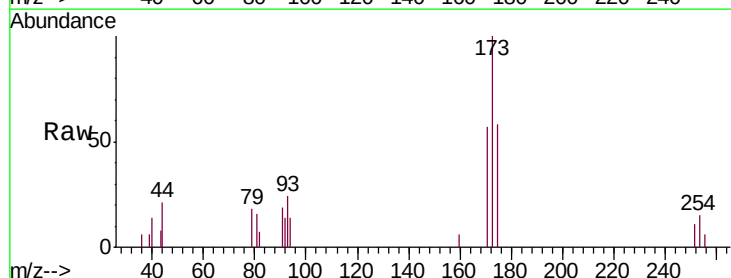
Tgt Ion:173 Resp: 3232

Ion Ratio Lower Upper

173 100

175 44.6 39.0 58.4

254 12.2 8.6 13.0



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V

9.75

2500

2000

1500

1000

500

0

Time--> 9.70 9.75 9.80

