

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102319\
 Data File : VV013311.D
 Acq On : 23 Oct 2019 22:09
 Operator : SY/MD
 Sample : K5395-20
 Misc : 5.00ML/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0053

Quant Time: Oct 24 04:49:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 24 04:17:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1243958	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	1201772	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	536563	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	397942	48.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.52%
7) Chloroethane-d5	1.58	69	298224	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.70%
11) 1,1-Dichloroethene-d2	2.13	63	487028	40.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.72%
21) 2-Butanone-d5	3.93	46	546148	98.85	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.85%
24) Chloroform-d	4.40	84	829272	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.34%
26) 1,2-Dichloroethane-d4	5.08	65	509107	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.50%
32) Benzene-d6	5.10	84	1698501	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.82%
36) 1,2-Dichloropropane-d6	6.12	67	536022	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.56%
41) Toluene-d8	7.36	98	1504444	45.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.66	79	229536	45.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.80%
47) 2-Hexanone-d5	8.13	63	291860	84.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.11%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	680756	44.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.90%
64) 1,2-Dichlorobenzene-d4	11.67	152	628670	51.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.12%

Target Compounds

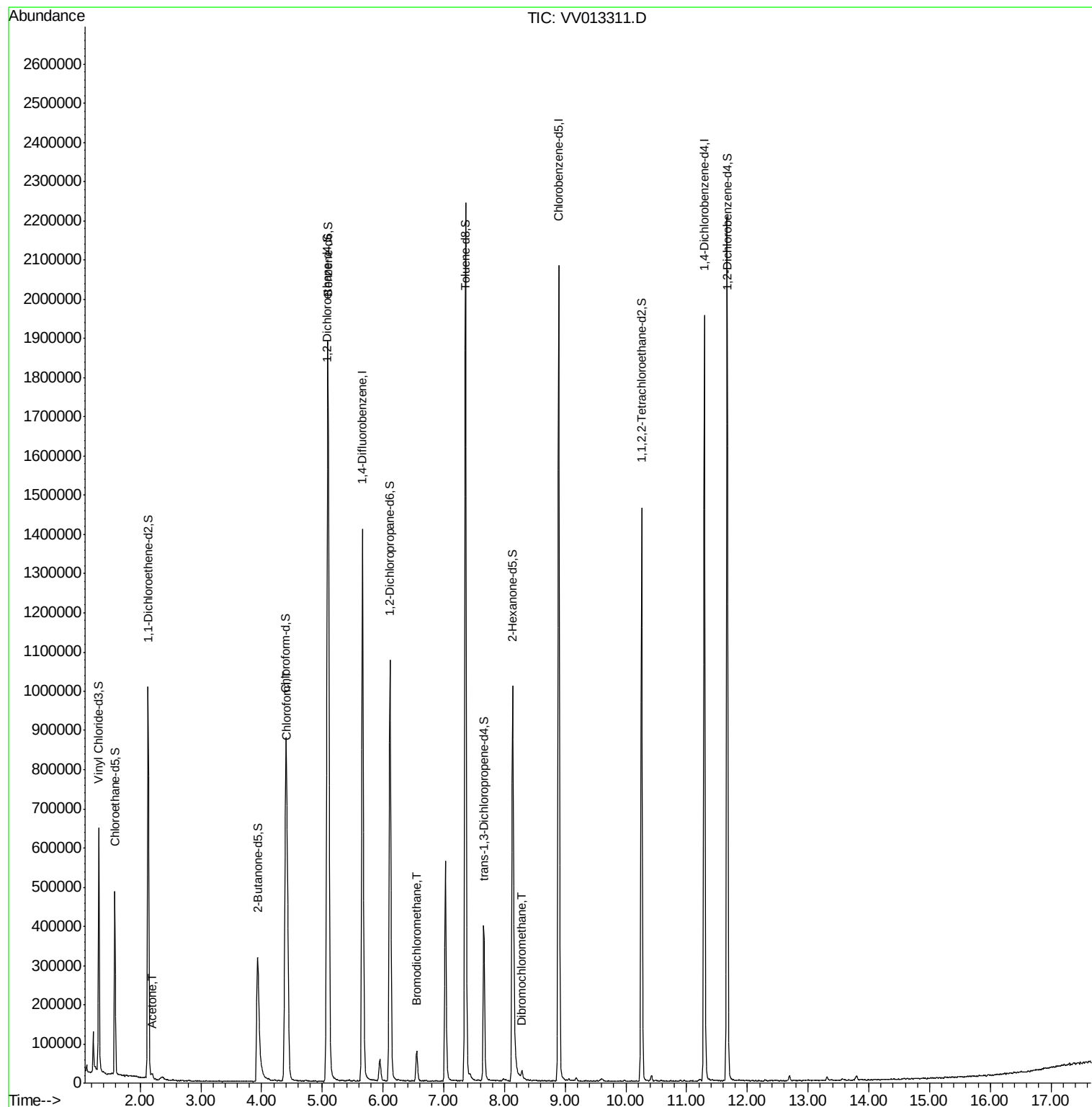
					Ovalue
13) Acetone	2.20	43	14001	3.429 ug/L	89
25) Chloroform	4.42	83	362596	22.562 ug/L	99
38) Bromodichloromethane	6.56	83	54419	4.494 ug/L	94
49) Dibromochloromethane	8.29	129	8835	0.862 ug/L	94

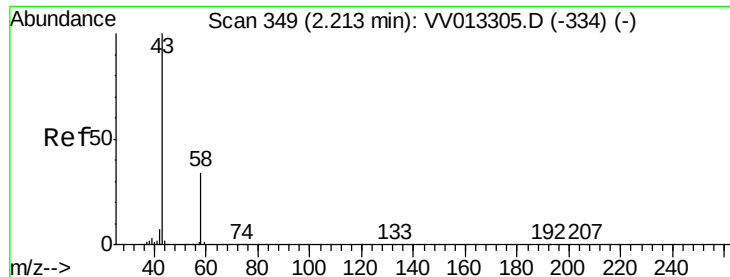
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.429 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.01 min

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Acq: 23 Oct 2019 22:09

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ClientSampleId :

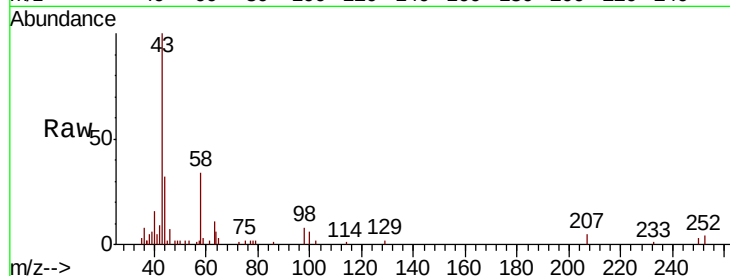
C0053

Tot Ion: 43 Resp: 14001

Ion Ratio Lower Upper

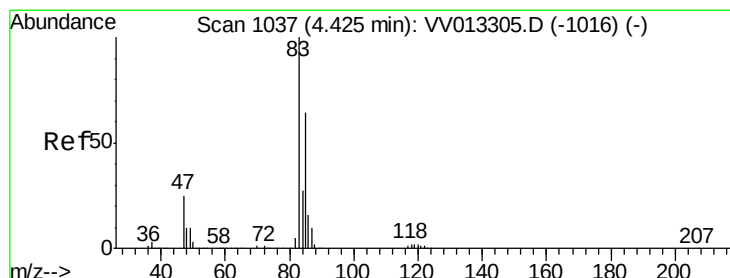
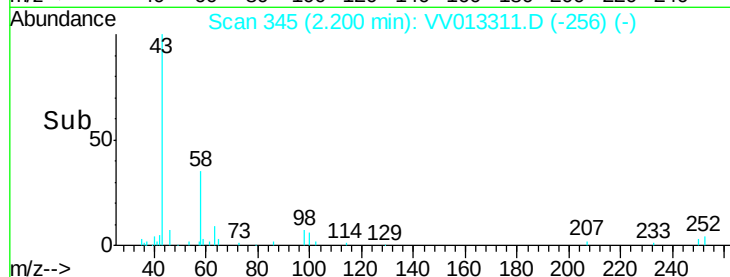
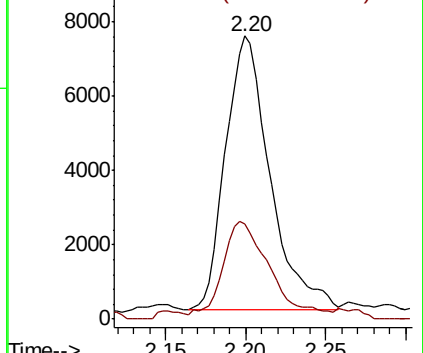
43 100

58 38.1 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#25

Chloroform

Concen: 22.562 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

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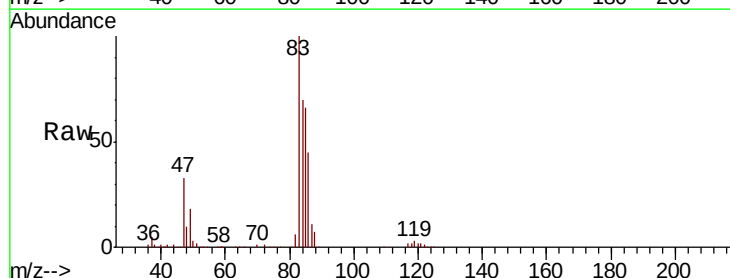
Acq: 23 Oct 2019 22:09

Tgt Ion: 83 Resp: 362596

Ion Ratio Lower Upper

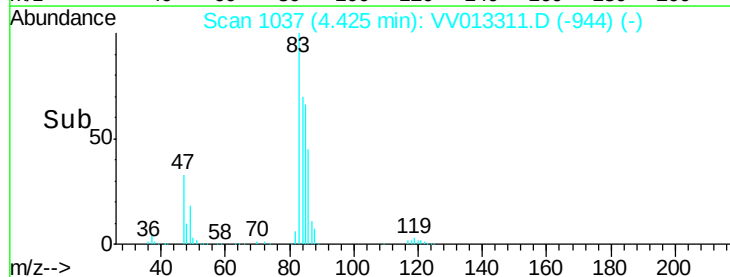
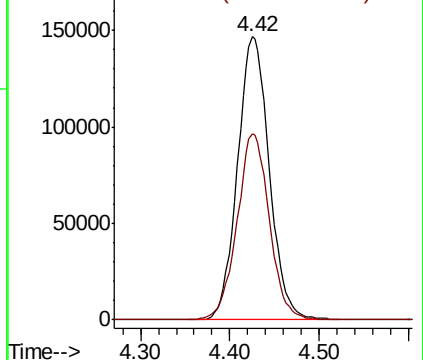
83 100

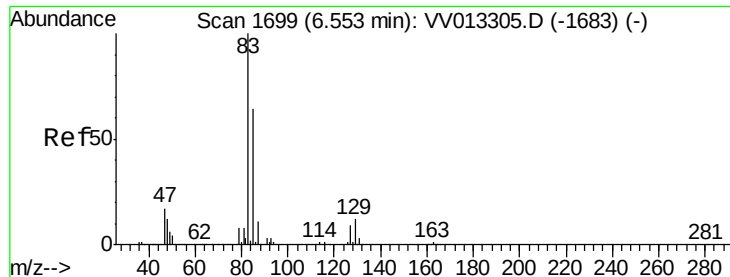
85 65.8 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#38

Bromodichloromethane

Concen: 4.494 ug/L

RT: 6.56 min Scan# 1700

Delta R.T. 0.00 min

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Acq: 23 Oct 2019 22:09

Instrument :

MSVOA_V

ClientSampleId :

C0053

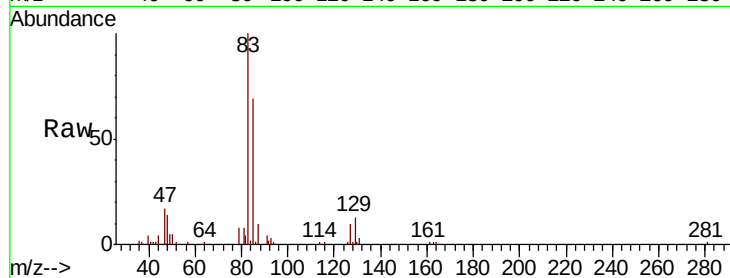
Tot Ion: 83 Resp: 54419

Ion Ratio Lower Upper

83 100

85 68.6 44.6 82.8

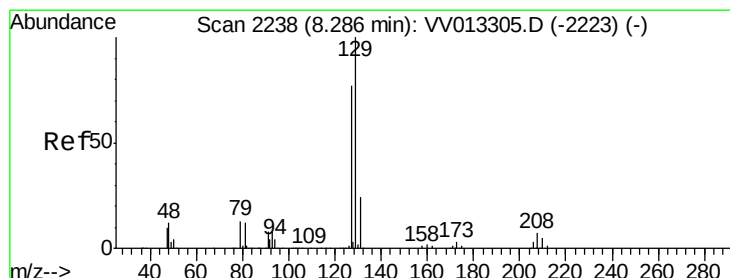
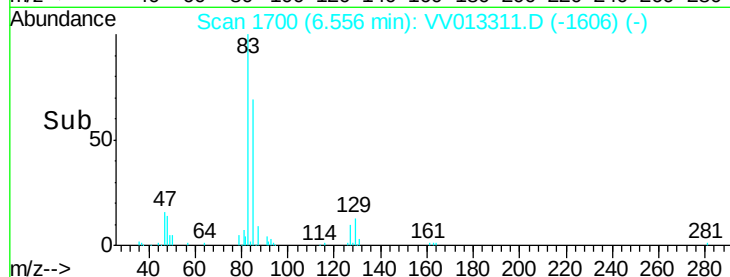
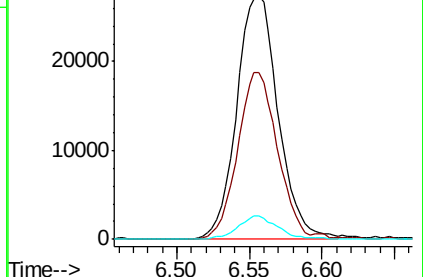
127 9.5 7.4 11.2



Abundance Ion 83.00 (82.70 to 83.70): VV013311.D (-1606) (-)

Ion 85.00 (84.70 to 85.70): VV013311.D (-1606) (-)

Ion 127.00 (126.70 to 127.70): VV013311.D (-1606) (-)



#49

Dibromochloromethane

Concen: 0.862 ug/L

RT: 8.29 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VV013311.D

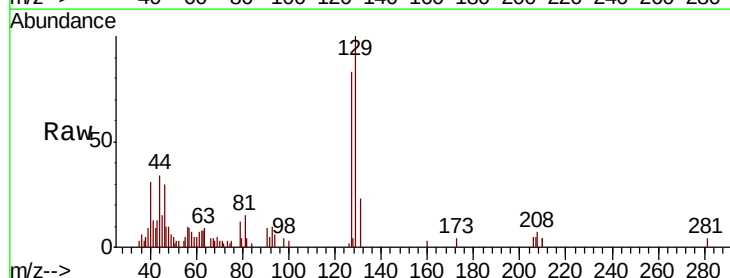
Acq: 23 Oct 2019 22:09

Tgt Ion: 129 Resp: 8835

Ion Ratio Lower Upper

129 100

127 83.0 54.7 101.5



Abundance Ion 129.00 (128.70 to 129.70): VV013311.D (-2145) (-)

Ion 127.00 (126.70 to 127.70): VV013311.D (-2145) (-)

