

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102319\
 Data File : VV013310.D
 Acq On : 23 Oct 2019 21:46
 Operator : SY/MD
 Sample : K5395-19
 Misc : 5.00ML/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0052

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 10:46:13 AM

Quant Time: Oct 24 04:47:11 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	1198407	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	1153559	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	511272	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	357880	45.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.10%
7) Chloroethane-d5	1.58	69	301149	49.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.22%
11) 1,1-Dichloroethene-d2	2.13	63	436126	37.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.04%
21) 2-Butanone-d5	3.95	46	410270	77.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.08%
24) Chloroform-d	4.40	84	807797	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.38%
26) 1,2-Dichloroethane-d4	5.08	65	498814	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.14%
32) Benzene-d6	5.10	84	1652689	46.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.06%
36) 1,2-Dichloropropane-d6	6.12	67	522649	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.04%
41) Toluene-d8	7.36	98	1448127	45.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.44%
43) trans-1,3-Dichloropropene-	7.66	79	221731	45.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.38%
47) 2-Hexanone-d5	8.13	63	260101	78.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.09%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	670105	46.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	607178	51.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.50%

Target Compounds

					Ovalue
13) Acetone	2.22	43	10047m	2.554	ug/L
25) Chloroform	4.42	83	349246	22.557	ug/L
38) Bromodichloromethane	6.56	83	53061	4.565	ug/L
49) Dibromochloromethane	8.29	129	8281	0.841	ug/L

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

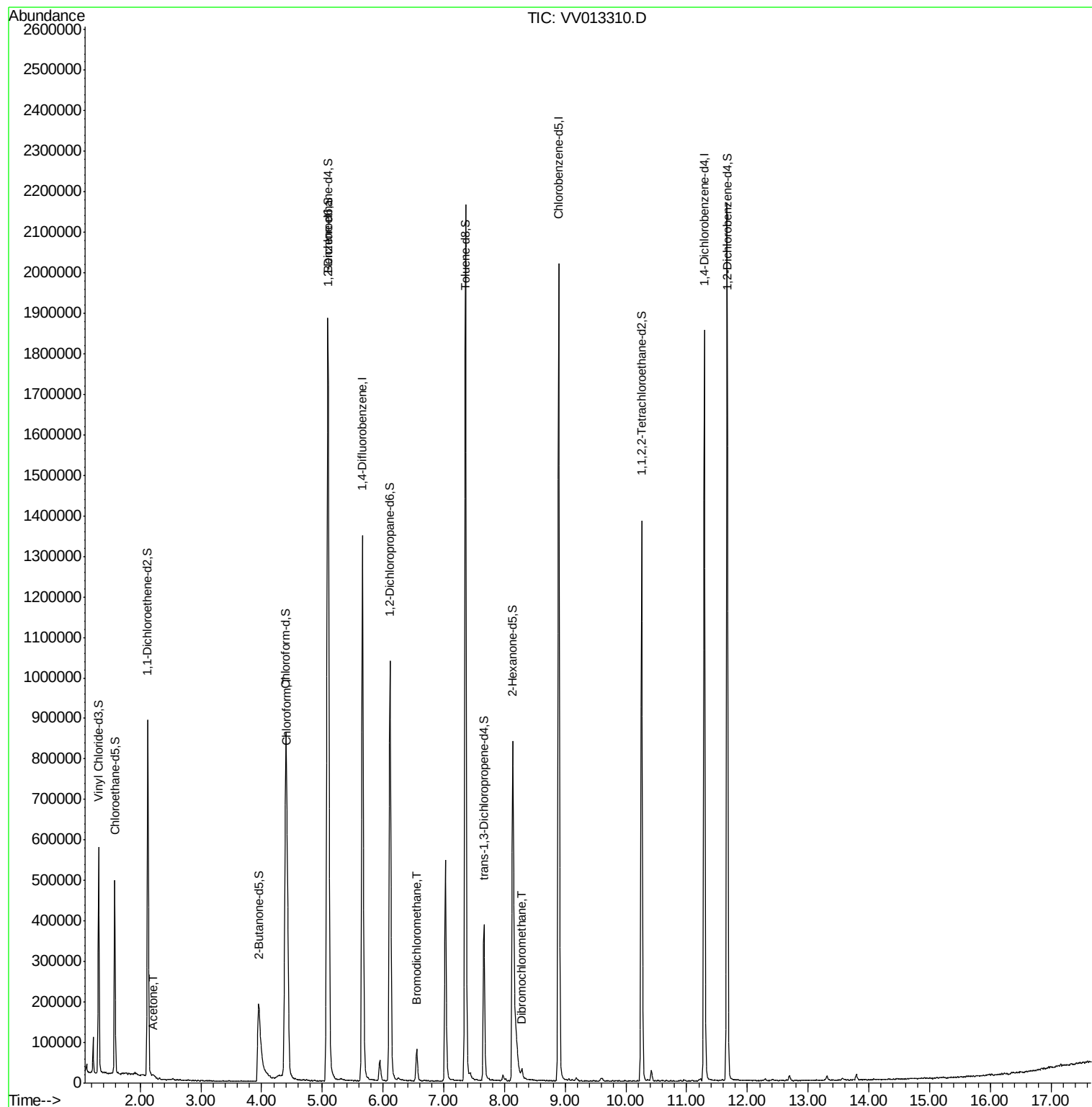
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV102319\
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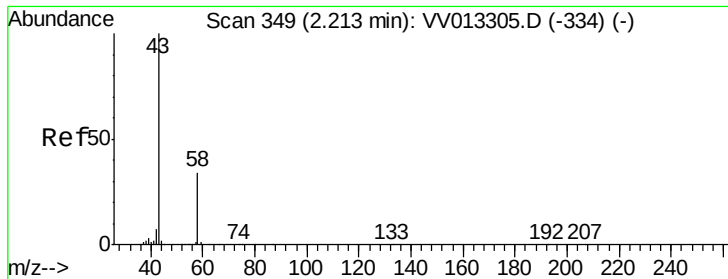
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Quant Title : VOC Analysis
QLast Update : Thu Oct 24 04:17:57 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.554 ug/L m

RT: 2.22 min Scan# 351

Delta R.T. 0.01 min

Lab File: VV013310.D

Acq: 23 Oct 2019 21:46

Instrument :

MSVOA_V

ClientSampleId :

C0052

Tot Ion: 43 Resp: 10047

Ion Ratio Lower Upper

43 100

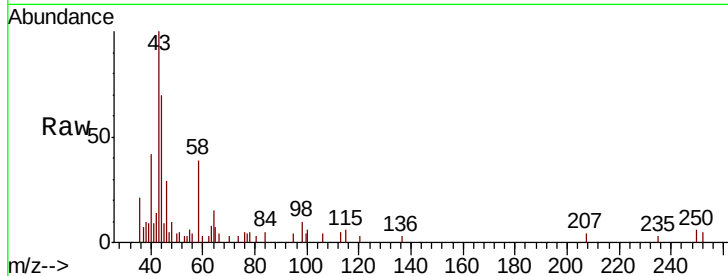
58 26.9 0.0 64.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.22

4000

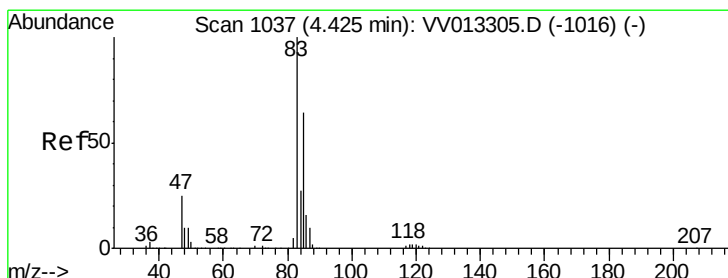
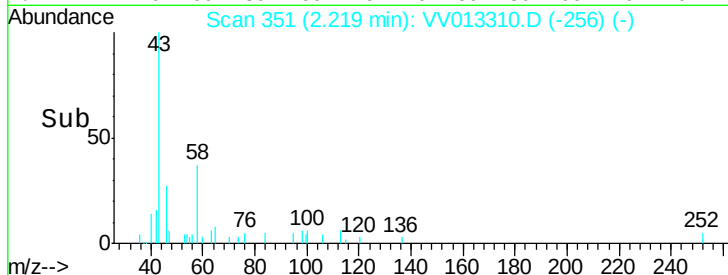
3000

2000

1000

0

Time--> 2.15 2.20 2.25 2.30



#25

Chloroform

Concen: 22.557 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VV013310.D

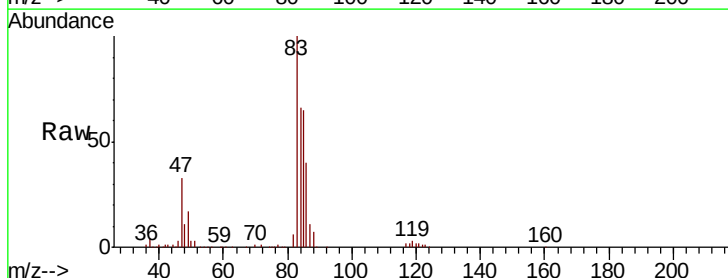
Acq: 23 Oct 2019 21:46

Tgt Ion: 83 Resp: 349246

Ion Ratio Lower Upper

83 100

85 64.6 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.42

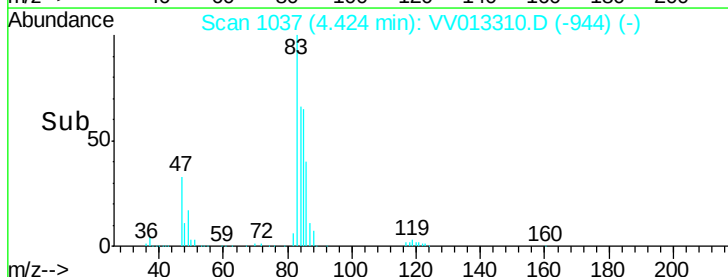
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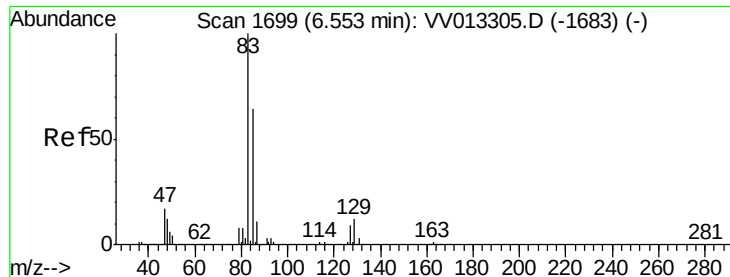
100000

50000

0

Time--> 4.30 4.40 4.50





#38

Bromodichloromethane

Concen: 4.565 ug/L

RT: 6.56 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VV013310.D

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Instrument :

MSVOA_V

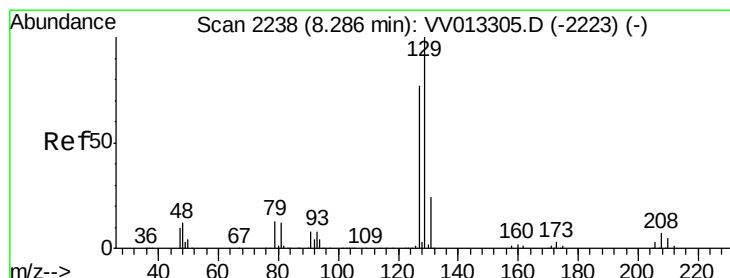
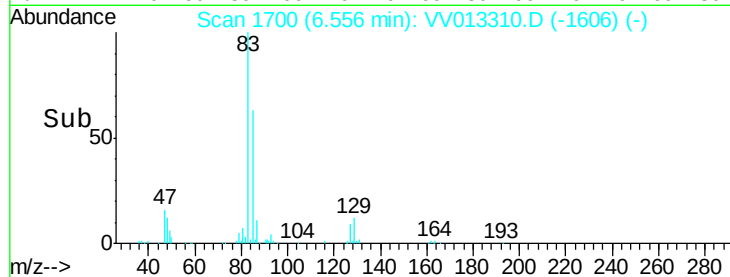
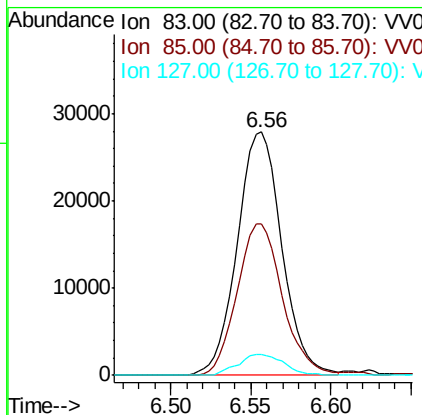
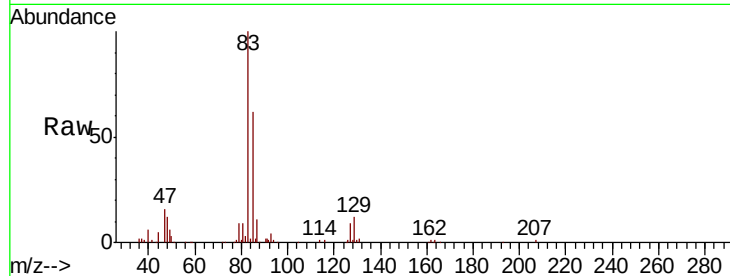
ClientSampleId :

C0052

Tot Ion:	83	Resp:	53061
Ion Ratio	Lower	Upper	
83	100		
85	62.1	44.6	82.8
127	8.7	7.4	11.2

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#49

Dibromochloromethane

Concen: 0.841 ug/L

RT: 8.29 min Scan# 2238

Delta R.T. -0.00 min

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Tgt Ion:	129	Resp:	8281
Ion Ratio	Lower	Upper	
129	100		
127	79.8	54.7	101.5

