

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031020\
 Data File : VV014828.D
 Acq On : 11 Mar 2020 01:54
 Operator : SY/MD
 Sample : L1840-24
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBET9

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 11:10:27 AM

Quant Time: Mar 11 06:35:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 11 03:49:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	435013	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	415777	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	202557	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97012	32.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.90%
7) Chloroethane-d5	1.58	69	86036	36.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.94%
11) 1,1-Dichloroethene-d2	2.12	63	127029	25.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.94%#
21) 2-Butanone-d5	3.93	46	180789	82.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.34%
24) Chloroform-d	4.38	84	235474	42.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.48%
26) 1,2-Dichloroethane-d4	5.06	65	159715	42.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.36%
32) Benzene-d6	5.08	84	484792	44.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.32%
36) 1,2-Dichloropropane-d6	6.10	67	154447	42.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.90%
41) Toluene-d8	7.34	98	440837	41.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	7.64	79	67607	38.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.12%
47) 2-Hexanone-d5	8.12	63	155146	96.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.03%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	220436	44.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	193324	48.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.30%

Target Compounds					Ovalue
13) Acetone	2.21	43	9449m	5.155 ug/L	
25) Chloroform	4.40	83	6522	1.104 ug/L	95

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

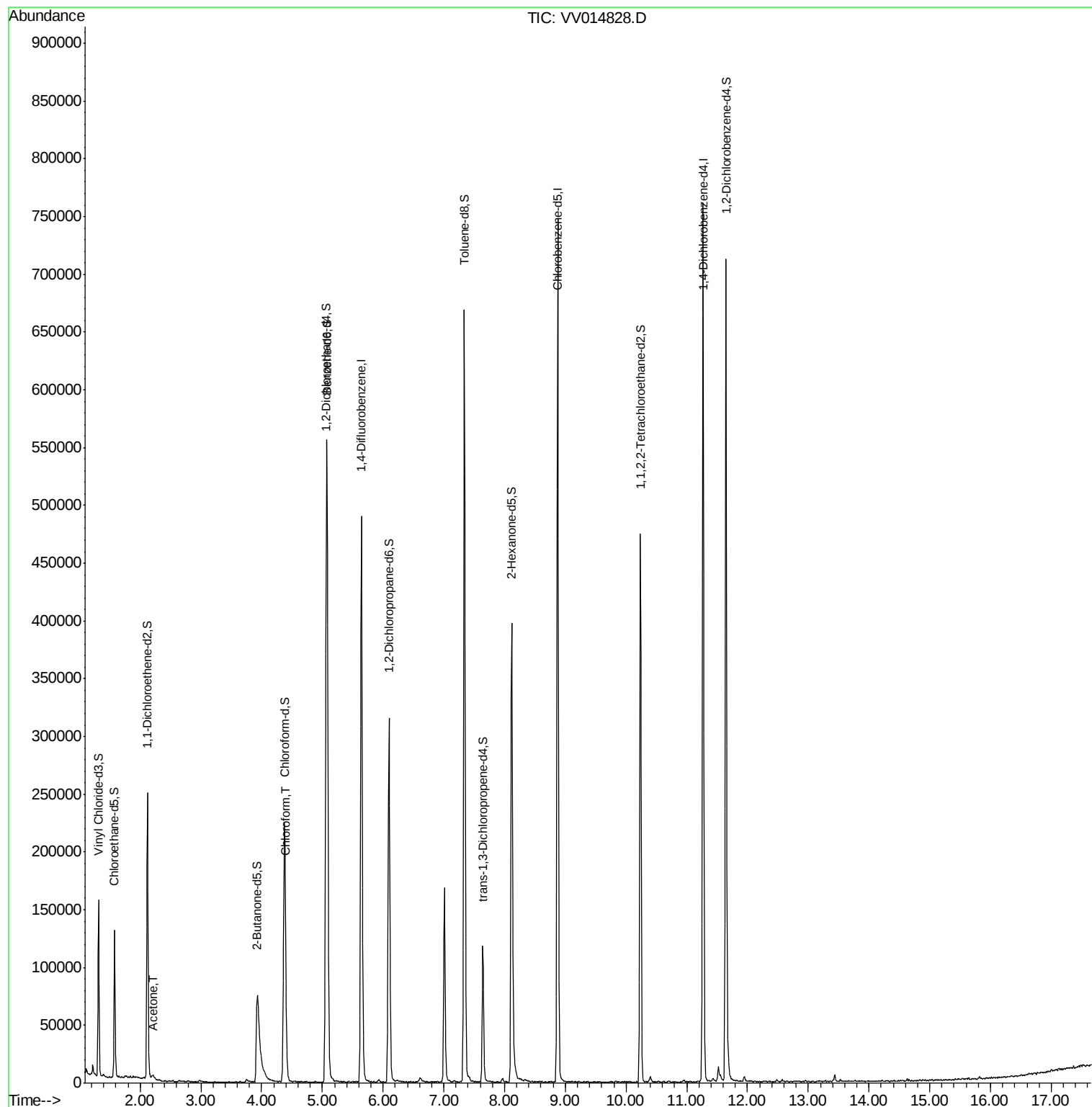
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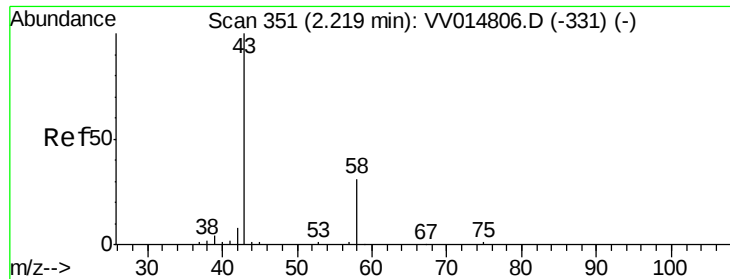
Instrument :
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#13

Acetone

Concen: 5.155 ug/L m

RT: 2.21 min Scan# 348

Delta R.T. -0.01 min

Lab File: VV014828.D

Acq: 11 Mar 2020 01:54

Tot Ion: 43 Resp: 9449

Ion Ratio Lower Upper

43 100

58 13.1 0.0 62.2

Instrument :

MSVOA_V

ClientSampled :

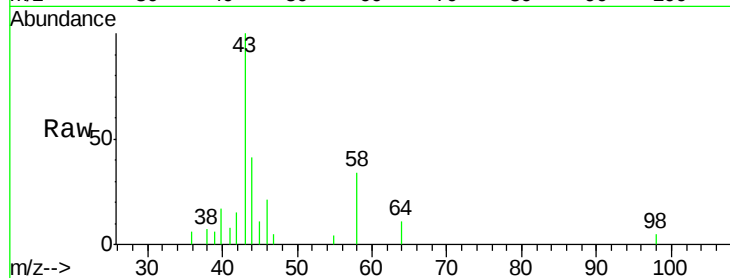
DBET9

Manual Integrations

APPROVED

MMDadoda

3/11/2020 11:10:27 AM



Abundance Ion 43.00 (42.70 to 43.70): VV014806.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV014806.D (-331) (-)

2500

2000

1500

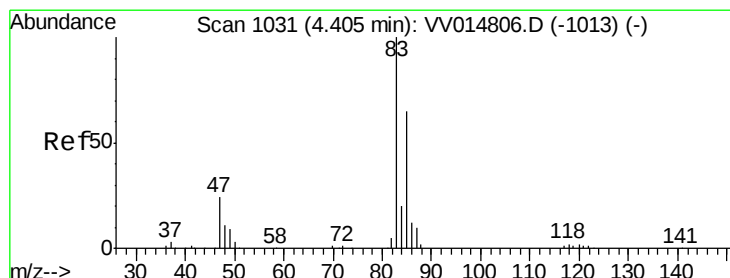
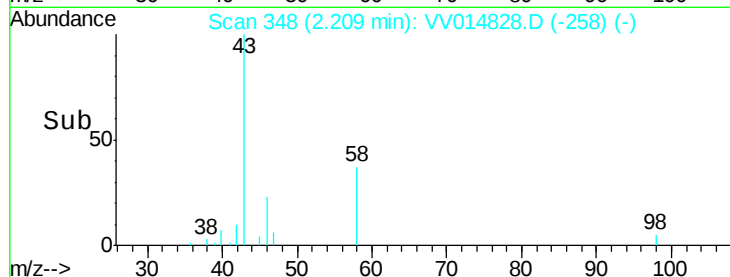
1000

500

0

2.10 2.20 2.30

Time-->



#25

Chloroform

Concen: 1.104 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VV014828.D

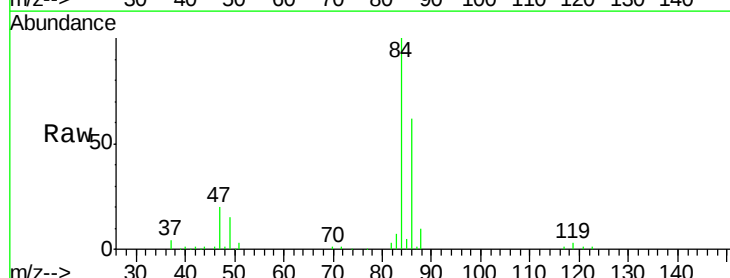
Acq: 11 Mar 2020 01:54

Tgt Ion: 83 Resp: 6522

Ion Ratio Lower Upper

83 100

85 68.6 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV014806.D (-1013) (-)

Ion 85.00 (84.70 to 85.70): VV014806.D (-1013) (-)

3000

2500

2000

1500

1000

500

0

4.35 4.40 4.45

Time-->

