

Data File : VV013839.D
Acq On : 29 Nov 2019 11:01
Operator : SY/MD
Sample : VV1129WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK81

Quant Time: Nov 29 22:36:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 29 22:33:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	644913	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	648701	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	276603	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	210283	55.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.36%
7) Chloroethane-d5	1.58	69	191155	62.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	124.36%
11) 1,1-Dichloroethene-d2	2.13	63	297254	45.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.02%
21) 2-Butanone-d5	3.92	46	273884	98.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.09%
24) Chloroform-d	4.39	84	400662	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.74%
26) 1,2-Dichloroethane-d4	5.07	65	270816	50.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.24%
32) Benzene-d6	5.09	84	839026	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.98%
36) 1,2-Dichloropropane-d6	6.11	67	255728	45.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.14%
41) Toluene-d8	7.35	98	768472	48.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.54%
43) trans-1,3-Dichloropropene-	7.66	79	121605	47.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.30%
47) 2-Hexanone-d5	8.13	63	187630	92.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.16%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	353796	50.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.34%
64) 1,2-Dichlorobenzene-d4	11.67	152	324562	58.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.72%

Target Compounds

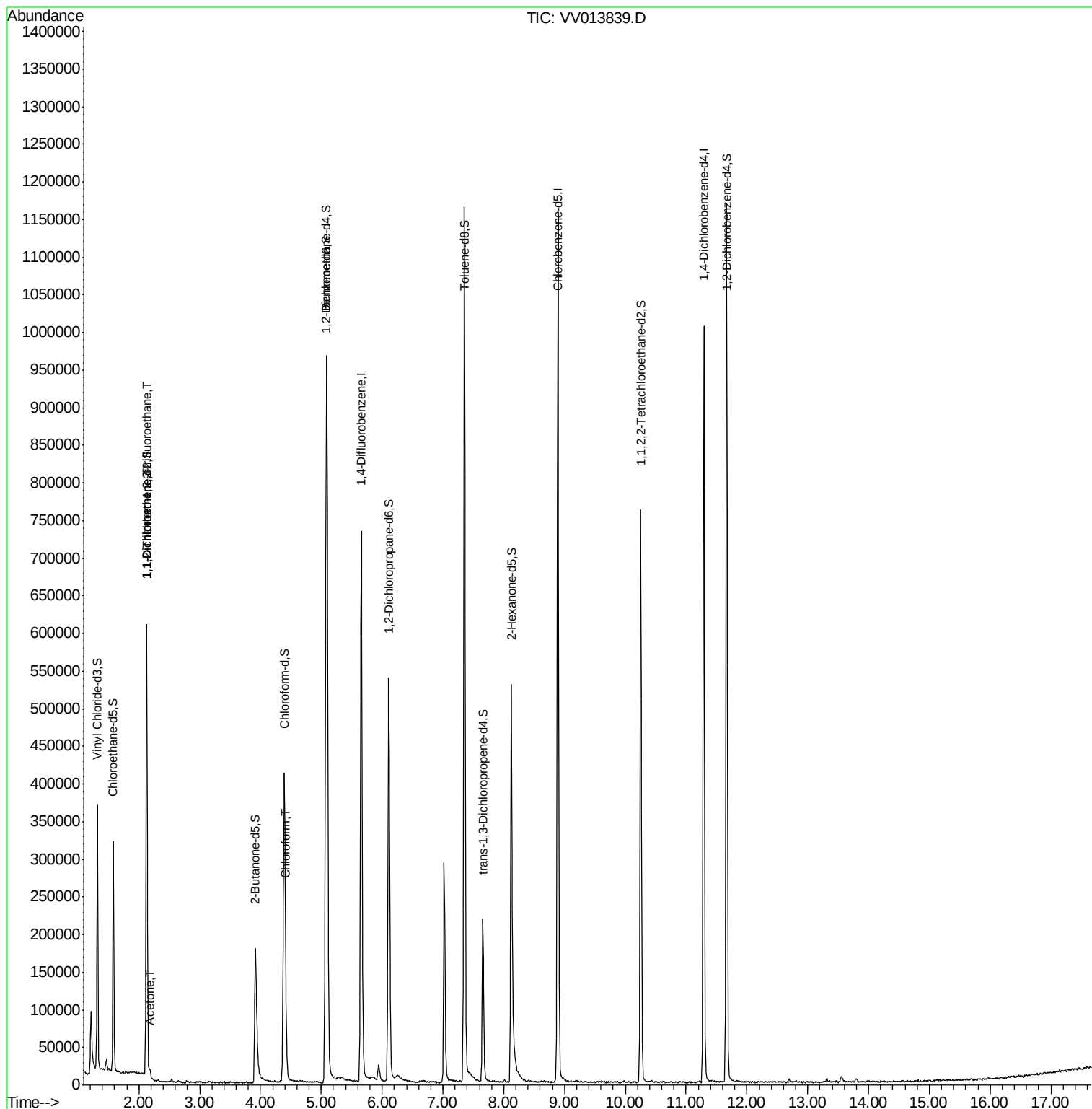
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2929	0.822 ug/L #	16
12) 1,1-Dichloroethene	2.13	96	2782	0.818 ug/L #	1
13) Acetone	2.18	43	5911	2.268 ug/L	97
25) Chloroform	4.42	83	21736	2.617 ug/L	94

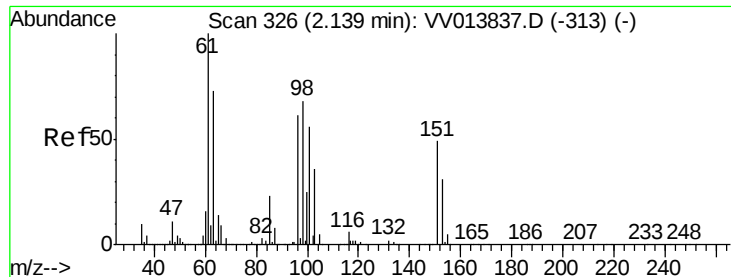
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.822 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampled :

VBLK81

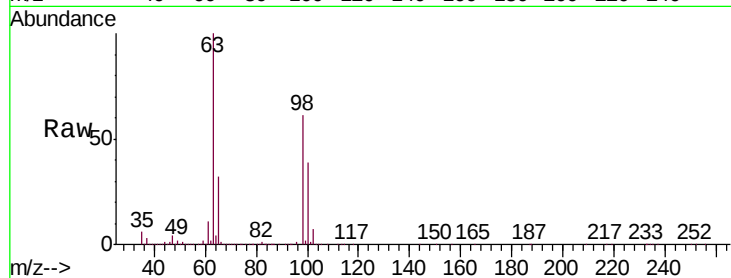
Tgt Ion: 101 Resp: 2929

Ion Ratio Lower Upper

101 100

85 1.4 33.3 49.9#

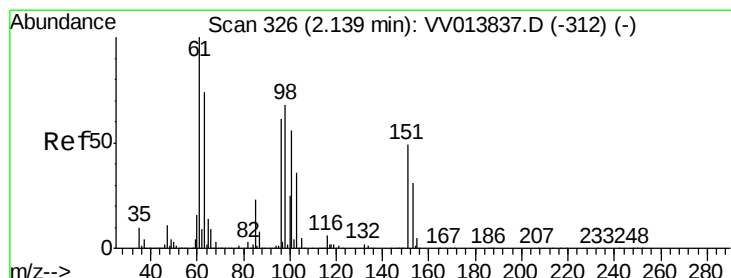
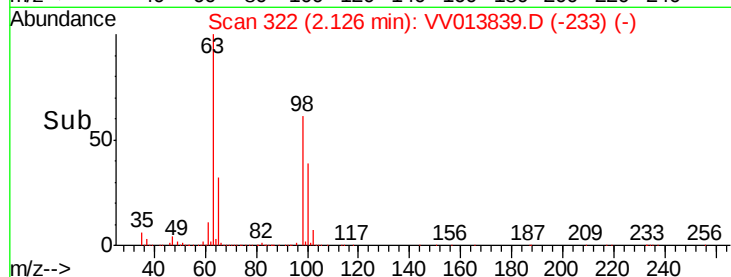
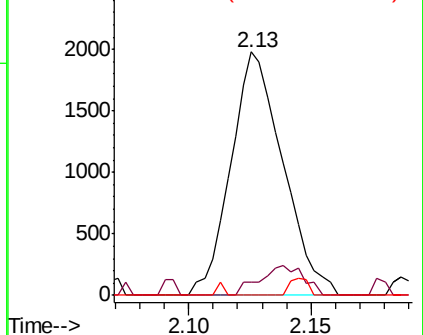
151 0.0 69.5 104.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.818 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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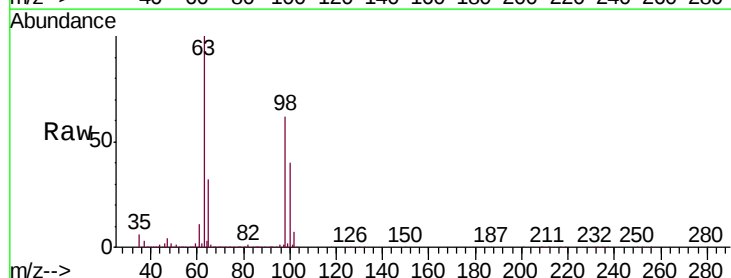
Tgt Ion: 96 Resp: 2782

Ion Ratio Lower Upper

96 100

61 1099.1 116.9 217.1#

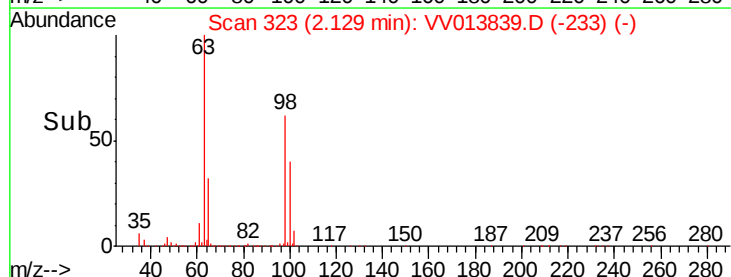
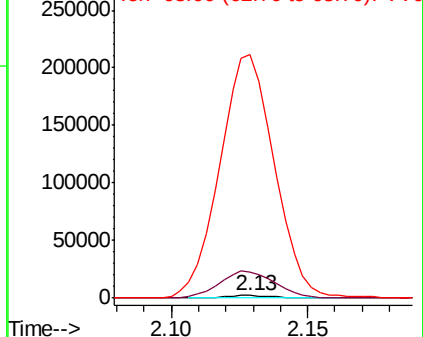
63 10062.8 91.5 169.9#

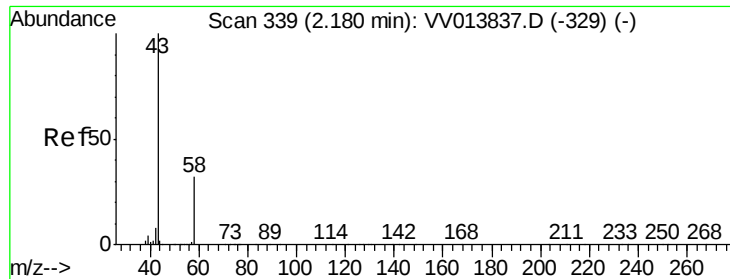


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.268 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

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MSVOA_V

ClientSampleId :

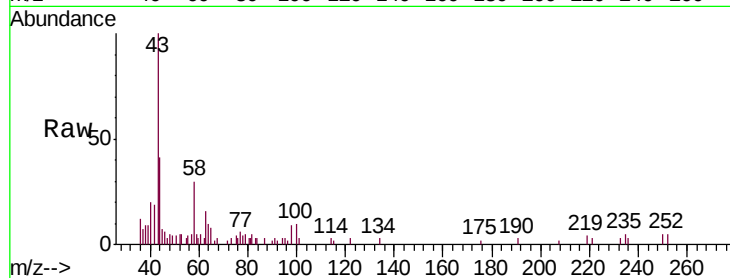
VBLK81

Tgt Ion: 43 Resp: 5911

Ion Ratio Lower Upper

43 100

58 34.3 0.0 65.2



Abundance Ion 43.00 (42.70 to 43.70): VV013837.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV013837.D (-329) (-)

2.18

4000

3000

2000

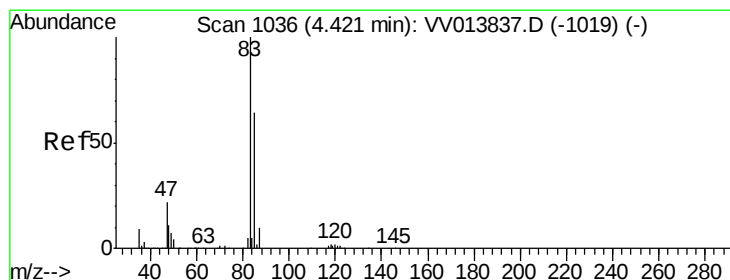
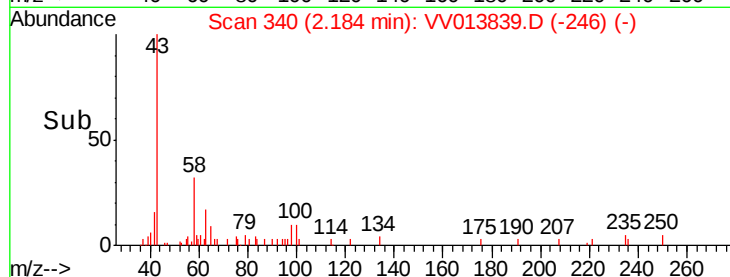
1000

0

Time-->

2.15

2.20



#25

Chloroform

Concen: 2.617 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

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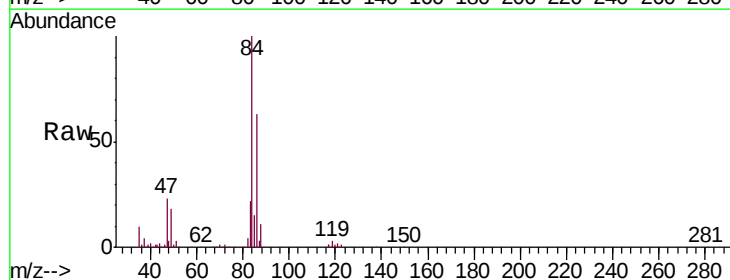
Acq: 29 Nov 2019 11:01

Tgt Ion: 83 Resp: 21736

Ion Ratio Lower Upper

83 100

85 67.8 44.4 82.5



Abundance Ion 83.00 (82.70 to 83.70): VV013837.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV013837.D (-1019) (-)

4.42

8000

6000

4000

2000

0

Time-->

4.35

4.40

4.45

4.50

