

Data File : VV013934.D
Acq On : 06 Dec 2019 11:45
Operator : SY/MD
Sample : K6170-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0BT5

Quant Time: Dec 07 01:41:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 07 01:39:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1220459	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	1114408	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	477843	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	424302	60.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	120.22%
7) Chloroethane-d5	1.57	69	422515	57.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.70%
11) 1,1-Dichloroethene-d2	2.13	63	688846	44.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.26%
21) 2-Butanone-d5	3.91	46	591445	119.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.04%
24) Chloroform-d	4.39	84	826174	55.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.46%
26) 1,2-Dichloroethane-d4	5.07	65	481247	51.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.46%
32) Benzene-d6	5.09	84	1570452	54.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.76%
36) 1,2-Dichloropropane-d6	6.11	67	446380	51.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.00%
41) Toluene-d8	7.35	98	1354154	51.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.88%
43) trans-1,3-Dichloropropene-	7.66	79	203298	48.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.40%
47) 2-Hexanone-d5	8.12	63	281204	86.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.88%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	550026	43.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.64%
64) 1,2-Dichlorobenzene-d4	11.67	152	499783	53.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.50%

Target Compounds

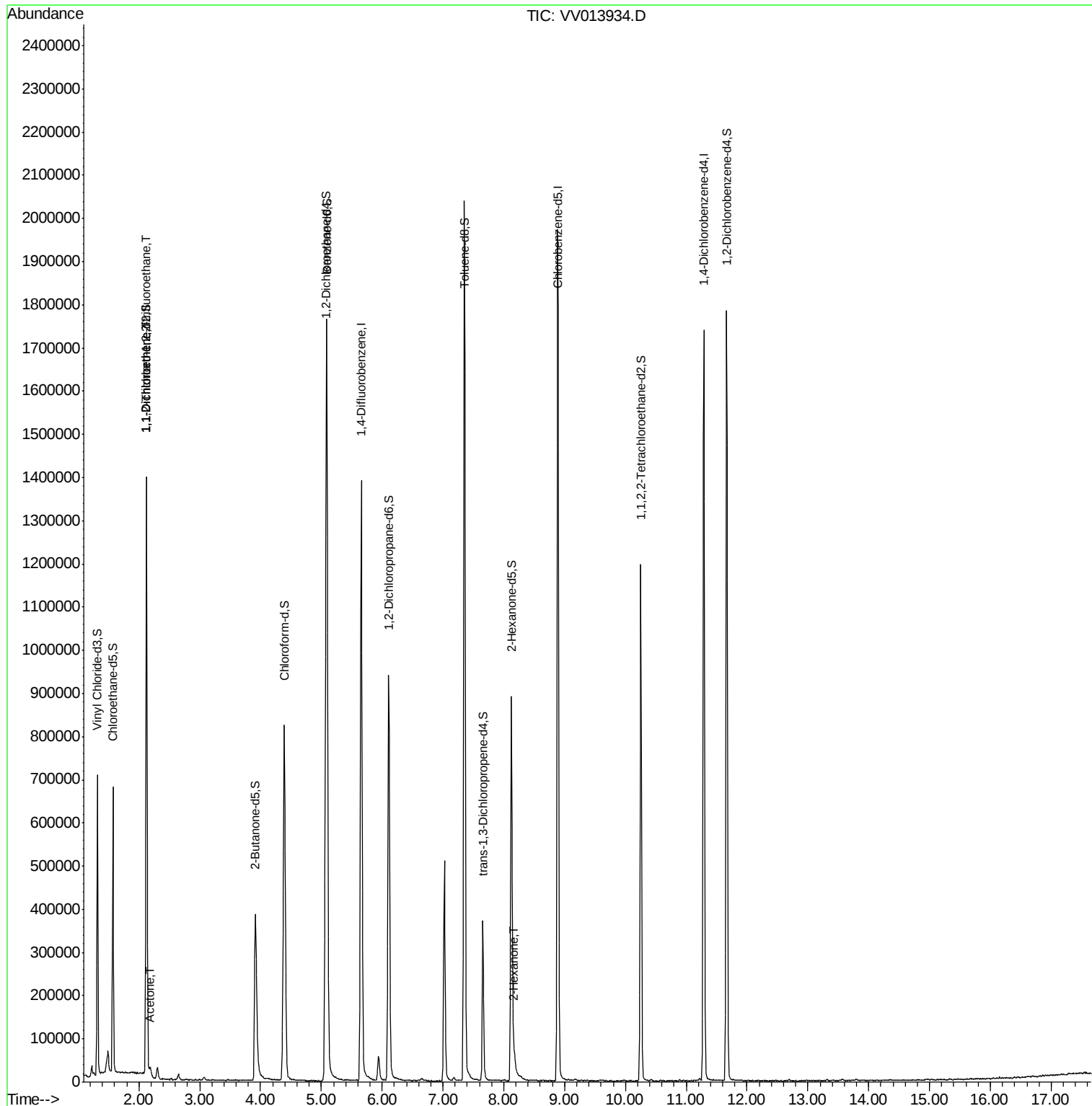
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	6700	0.730 ug/L #	17
12) 1,1-Dichloroethene	2.13	96	6172	0.696 ug/L #	1
13) Acetone	2.18	43	8657	1.189 ug/L	94
48) 2-Hexanone	8.17	43	19134	2.290 ug/L #	69

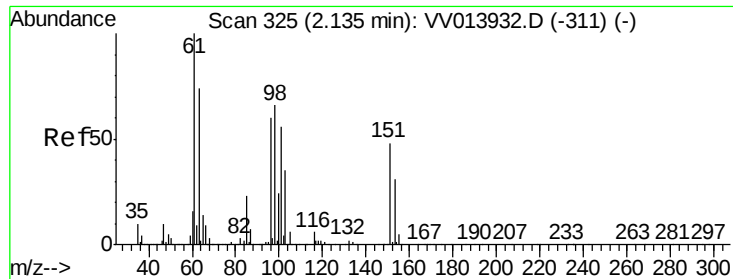
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.730 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

C0BT5

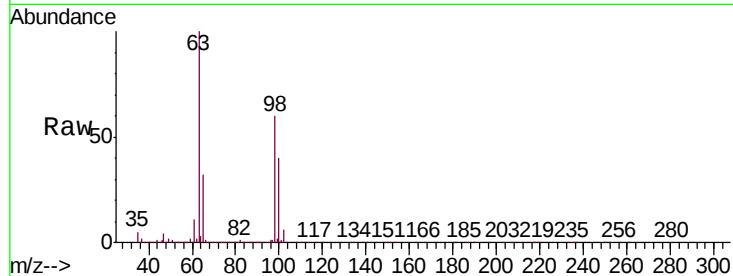
Tgt Ion: 101 Resp: 6700

Ion Ratio Lower Upper

101 100

85 3.3 32.5 48.7#

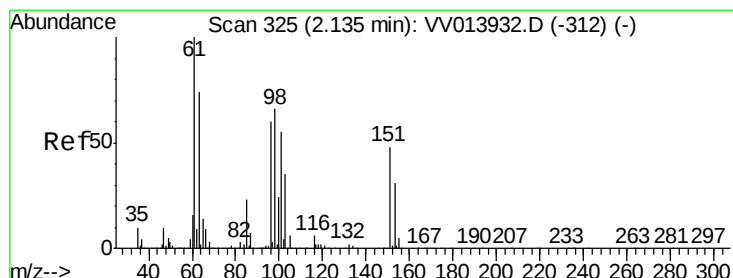
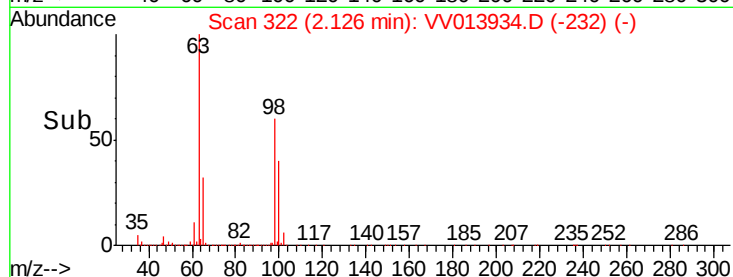
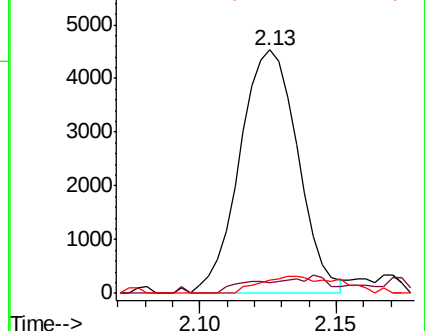
151 0.0 69.8 104.6#



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: 0.696 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013934.D

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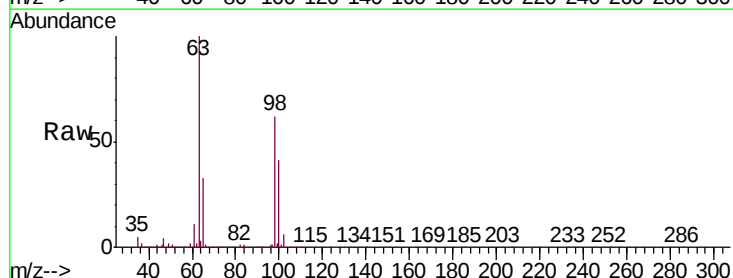
Tgt Ion: 96 Resp: 6172

Ion Ratio Lower Upper

96 100

61 1227.0 114.0 211.8#

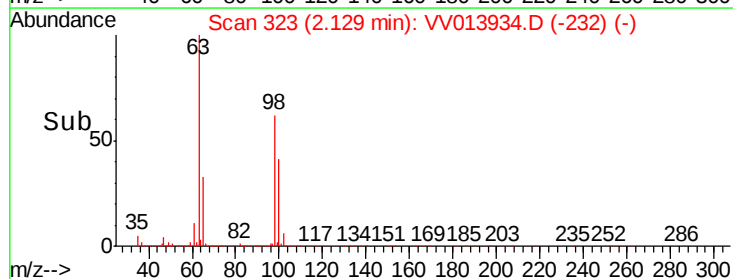
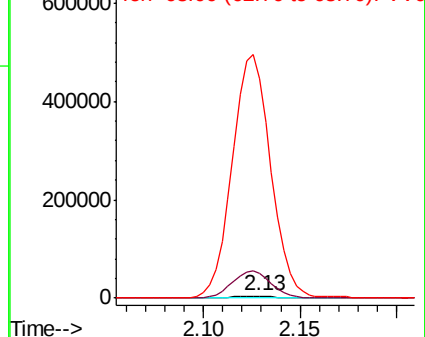
63 11057.1 80.3 149.1#

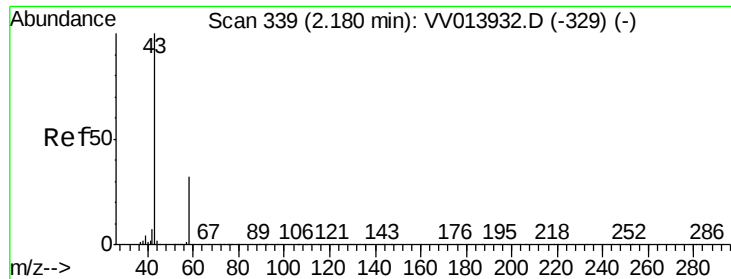


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.189 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

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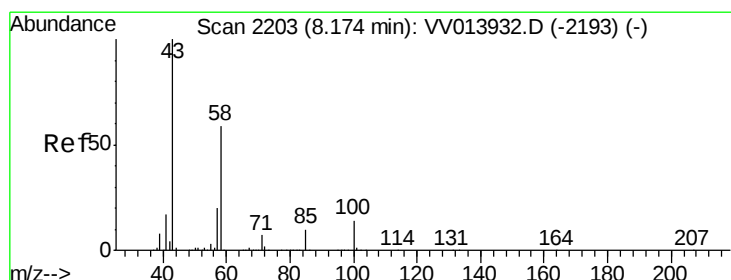
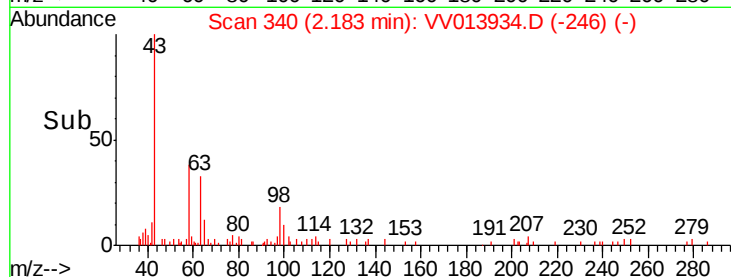
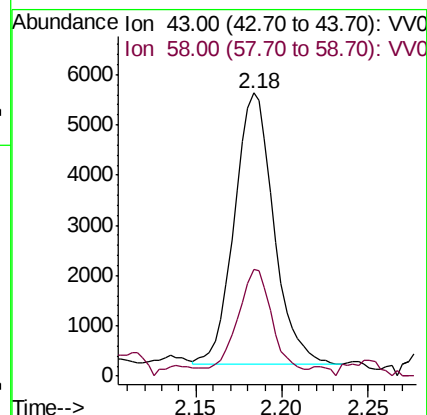
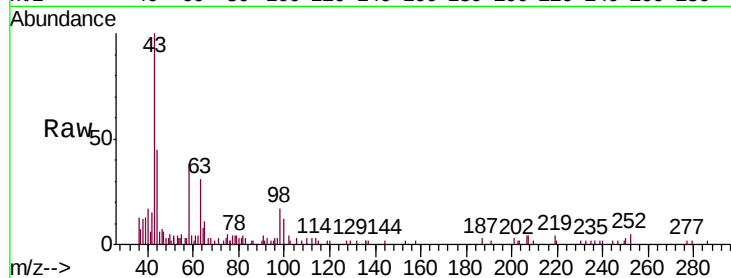
C0BT5

Tgt Ion: 43 Resp: 8657

Ion Ratio Lower Upper

43 100

58 33.5 0.0 60.8



#48

2-Hexanone

Concen: 2.290 ug/L

RT: 8.17 min Scan# 2203

Delta R.T. 0.00 min

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Acq: 06 Dec 2019 11:45

Tgt Ion: 43 Resp: 19134

Ion Ratio Lower Upper

43 100

58 38.0 48.4 72.6#

57 2.0 16.6 24.8#

100 4.1 11.9 17.9#

