

Data File : VV014092.D
Acq On : 17 Dec 2019 14:46
Operator : SY/MD
Sample : K6276-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0C78

Quant Time: Dec 18 06:55:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 18 06:35:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	708209	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	671305	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	310043	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	236027	57.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	115.24%
7) Chloroethane-d5	1.58	69	219729	51.39	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.78%
11) 1,1-Dichloroethene-d2	2.13	63	319446	35.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.54%
21) 2-Butanone-d5	3.92	46	293462	101.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.79%
24) Chloroform-d	4.40	84	429057	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.76%
26) 1,2-Dichloroethane-d4	5.08	65	268849	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.64%
32) Benzene-d6	5.10	84	834790	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.98%
36) 1,2-Dichloropropane-d6	6.11	67	267687	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.54%
41) Toluene-d8	7.36	98	738504	46.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.14%
43) trans-1,3-Dichloropropene-	7.66	79	113616	44.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.44%
47) 2-Hexanone-d5	8.13	63	189325	97.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.10%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	345982	45.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.52%
64) 1,2-Dichlorobenzene-d4	11.67	152	303038	49.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.54%

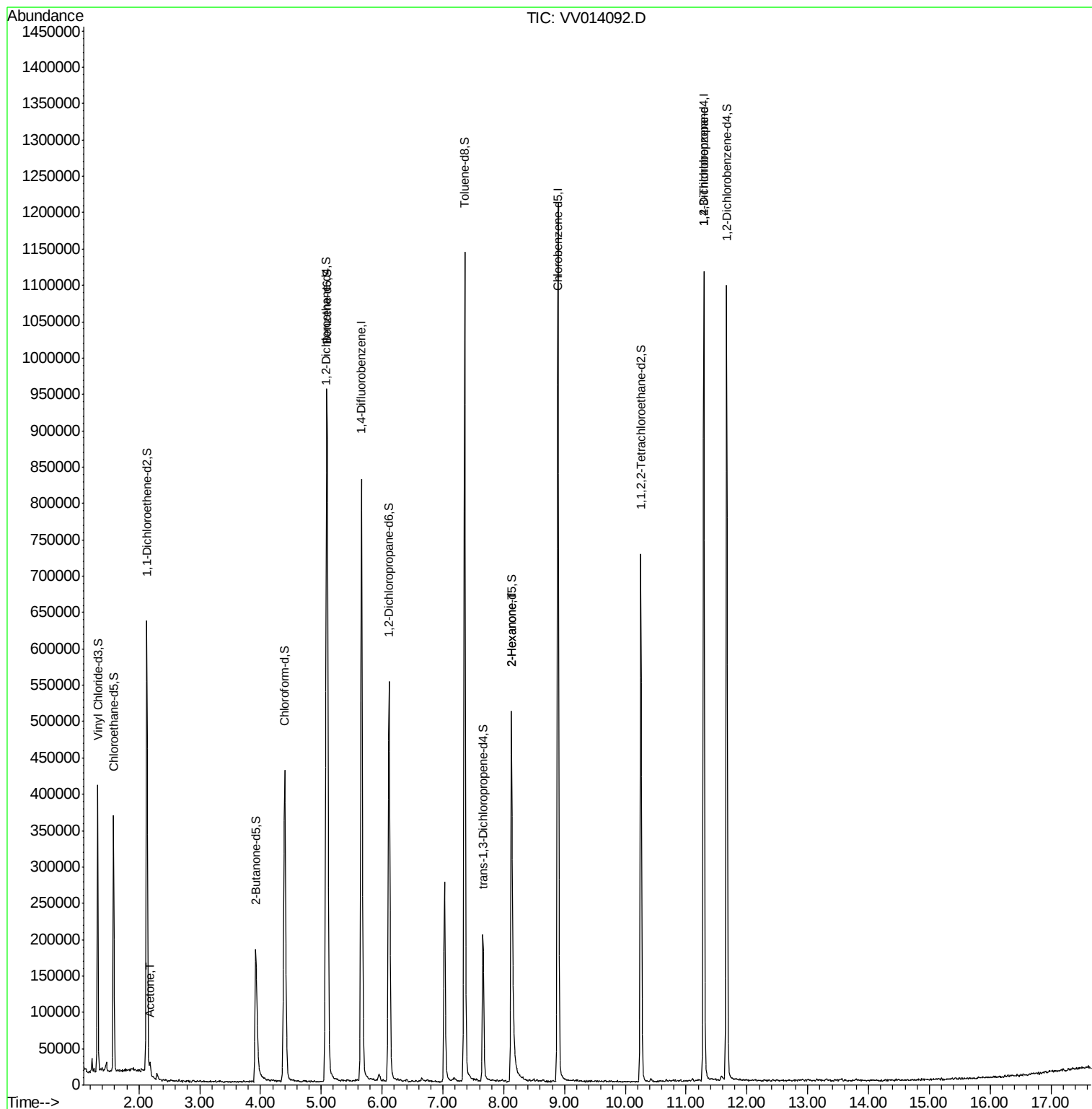
Target Compounds					Qvalue
13) Acetone	2.18	43	12380	2.930 ug/L	95
48) 2-Hexanone	8.13	43	21739	4.319 ug/L #	58
59) 1,2,3-Trichloropropane	11.29	75	30836	4.709 ug/L	96

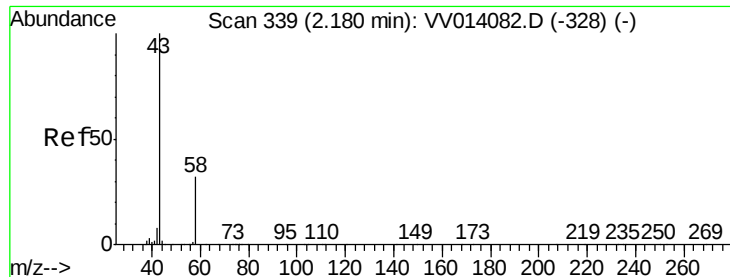
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.930 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

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ClientSampleId :

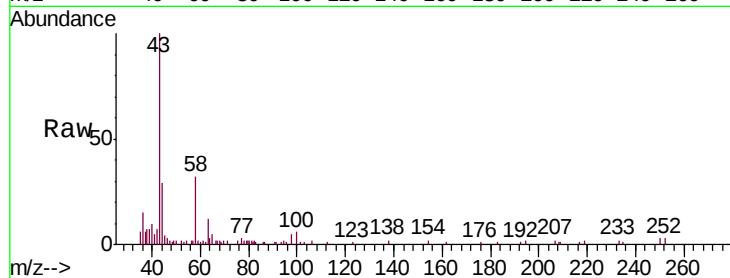
C0C78

Tgt Ion: 43 Resp: 12380

Ion Ratio Lower Upper

43 100

58 33.2 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.18

10000

8000

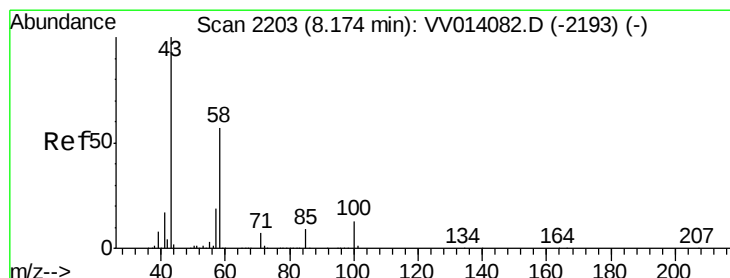
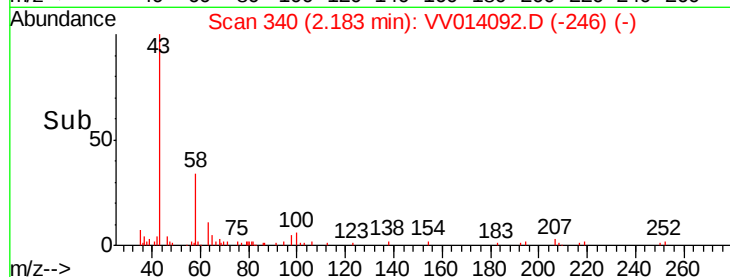
6000

4000

2000

0

Time--> 2.10 2.15 2.20 2.25



#48

2-Hexanone

Concen: 4.319 ug/L

RT: 8.13 min Scan# 2189

Delta R.T. -0.05 min

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Tgt Ion: 43 Resp: 21739

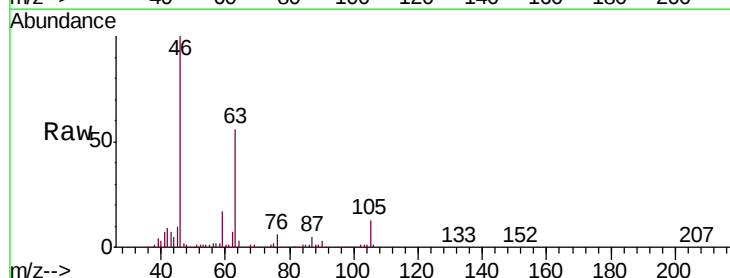
Ion Ratio Lower Upper

43 100

58 21.0 48.4 72.6#

57 30.6 16.6 24.8#

100 1.4 11.9 17.9#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

8.13

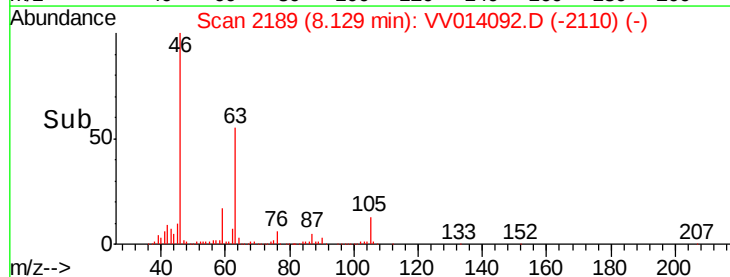
15000

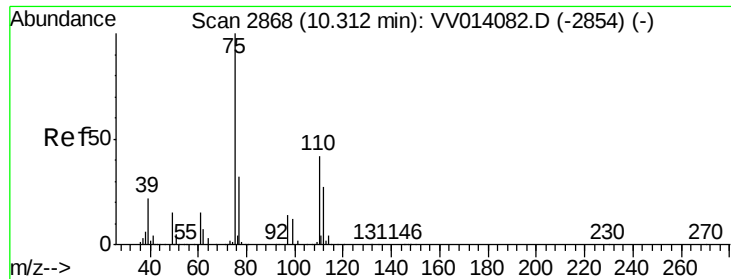
10000

5000

0

Time--> 8.10 8.15





#59

1,2,3-Trichloropropane

Concen: 4.709 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.98 min

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Tgt Ion: 75 Resp: 30836

Ion Ratio Lower Upper

75 100

77 34.7 25.8 38.8

