

Data File : VV013993.D
Acq On : 10 Dec 2019 17:48
Operator : SY/MD
Sample : K6202-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0C09

Quant Time: Dec 11 00:30:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 11 00:25:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	625152	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	544765	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	241931	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	145220	40.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.32%
7) Chloroethane-d5	1.56	69	157874	41.83	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.66%
11) 1,1-Dichloroethene-d2	2.12	63	246803	30.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.74%
21) 2-Butanone-d5	3.92	46	263042	103.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.36%
24) Chloroform-d	4.39	84	360069	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.84%
26) 1,2-Dichloroethane-d4	5.07	65	227381	47.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.52%
32) Benzene-d6	5.09	84	720755	51.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.12%
36) 1,2-Dichloropropane-d6	6.11	67	189230	44.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.32%
41) Toluene-d8	7.35	98	497680	38.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.34%#
43) trans-1,3-Dichloropropene-	7.66	79	78635	38.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.28%
47) 2-Hexanone-d5	8.13	63	125789	79.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.50%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	241028	39.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.56%
64) 1,2-Dichlorobenzene-d4	11.67	152	220093	46.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.64%

Target Compounds

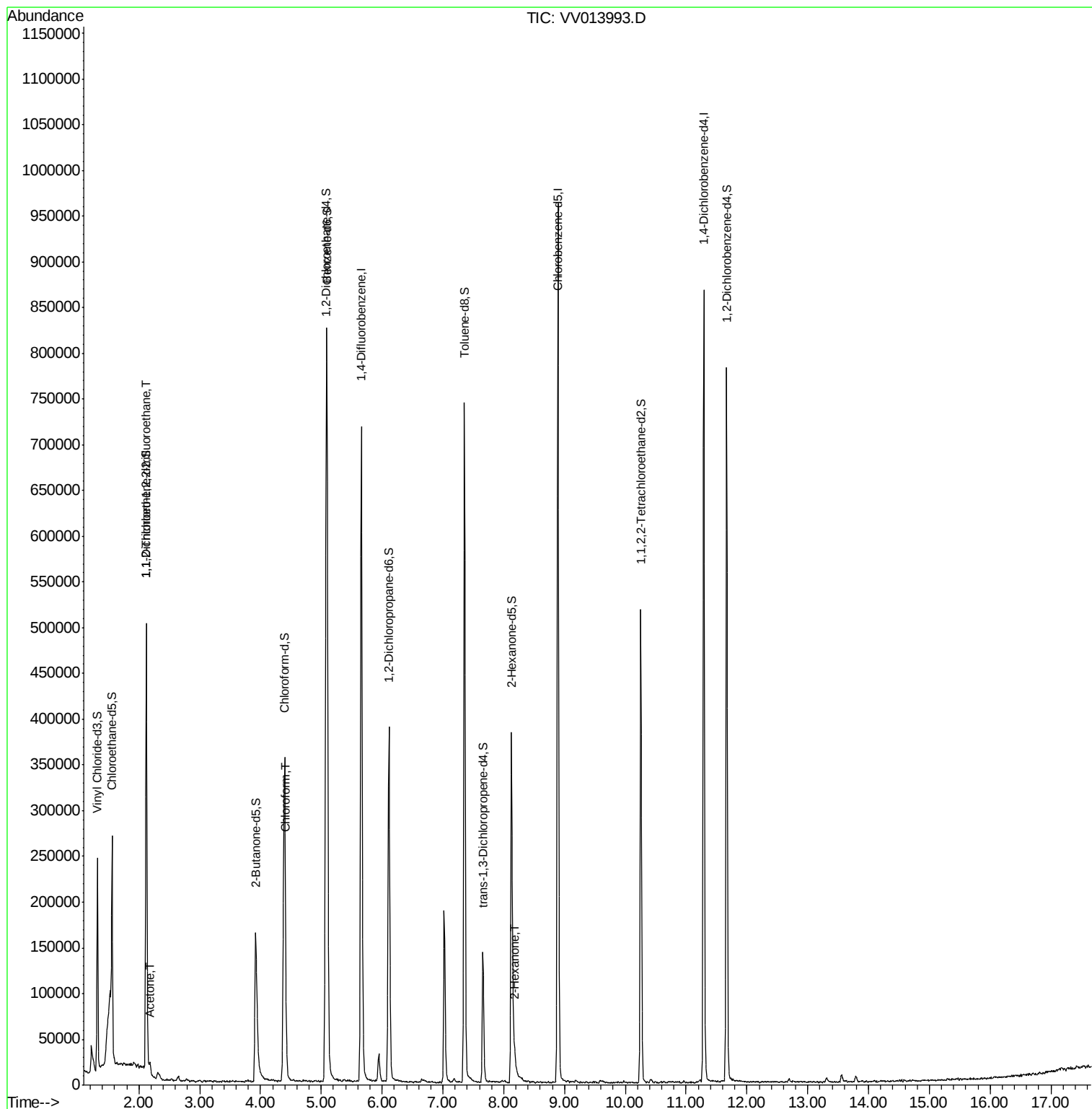
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3030	0.644 ug/L #	28
13) Acetone	2.18	43	7782	2.087 ug/L	94
25) Chloroform	4.42	83	8015	0.937 ug/L	84
48) 2-Hexanone	8.18	43	11834	2.897 ug/L #	88

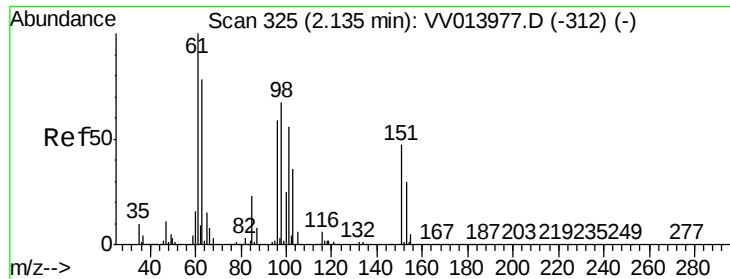
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.644 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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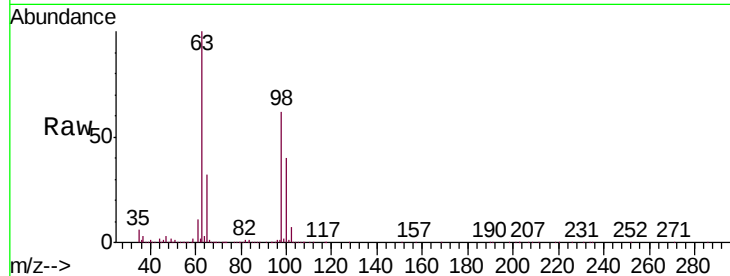
Tgt Ion:101 Resp: 3030

Ion Ratio Lower Upper

101 100

85 7.2 32.5 48.7#

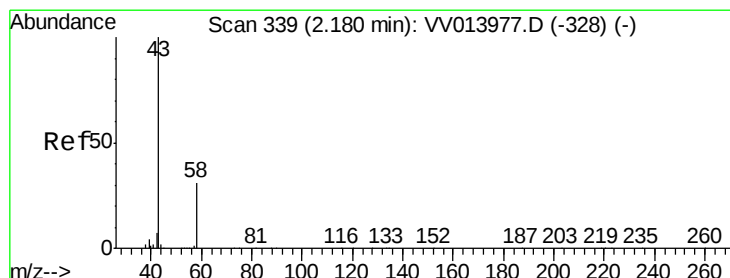
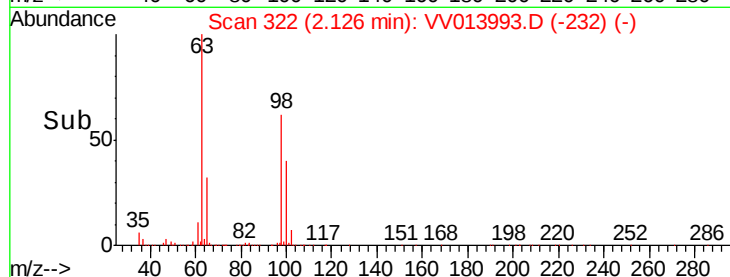
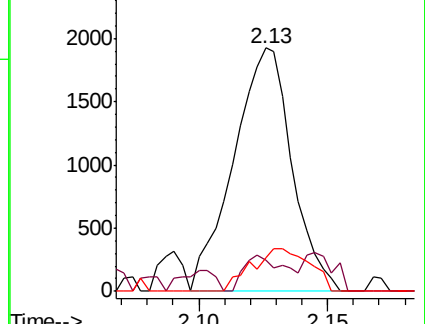
151 13.3 69.8 104.6#



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



#13

Acetone

Concen: 2.087 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV013993.D

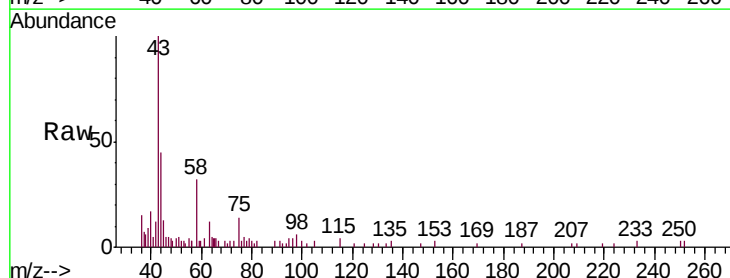
Acq: 10 Dec 2019 17:48

Tgt Ion: 43 Resp: 7782

Ion Ratio Lower Upper

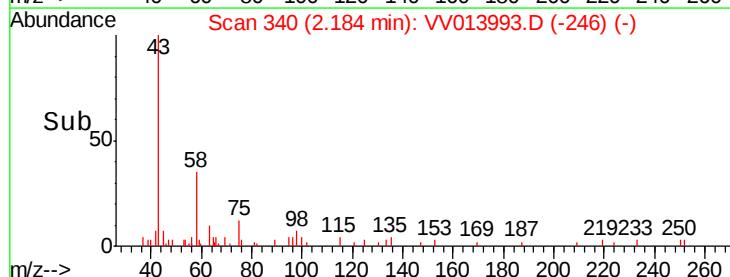
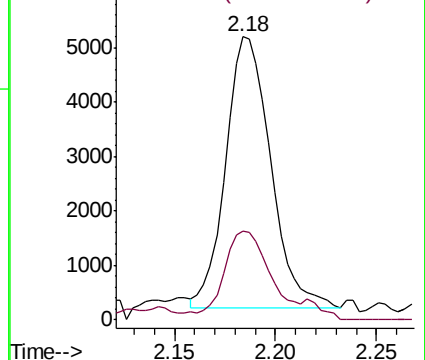
43 100

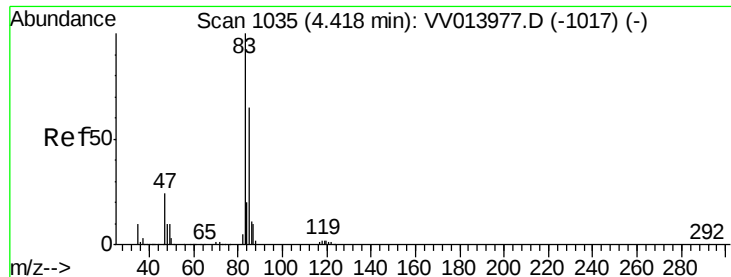
58 33.5 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#25

Chloroform

Concen: 0.937 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. 0.00 min

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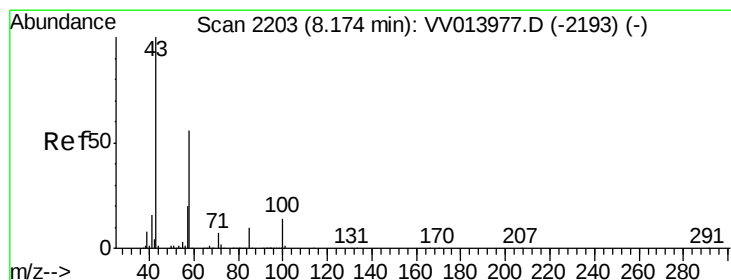
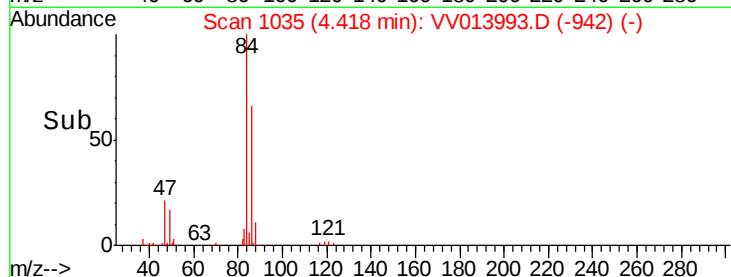
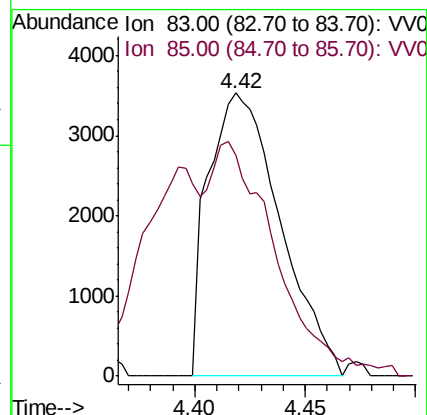
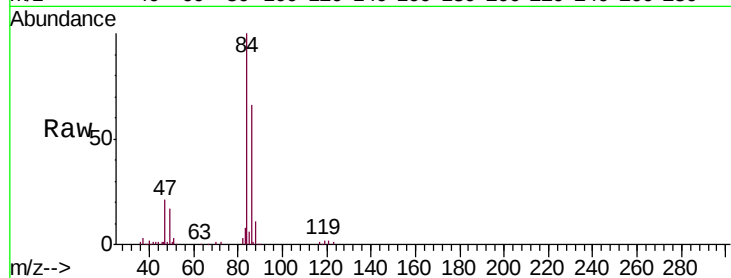
C0C09

Tgt Ion: 83 Resp: 8015

Ion Ratio Lower Upper

83 100

85 77.7 45.7 84.9



#48

2-Hexanone

Concen: 2.897 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.01 min

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Acq: 10 Dec 2019 17:48

Tgt Ion: 43 Resp: 11834

Ion Ratio Lower Upper

43 100

58 61.8 48.4 72.6

57 8.6 16.6 24.8#

100 2.0 11.9 17.9#

