

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016883.D
 Acq On : 12 Jun 2020 16:59
 Operator : SY/MD
 Sample : VV0612WBL02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK84

Quant Time: Jun 13 03:09:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 03:02:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	345782	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	329082	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	160449	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103673	42.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.98%
7) Chloroethane-d5	1.58	69	78070	53.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.66%
11) 1,1-Dichloroethene-d2	2.12	63	150497	36.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.46%
21) 2-Butanone-d5	3.89	46	179159	99.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.21%
24) Chloroform-d	4.37	84	237368	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.68%
26) 1,2-Dichloroethane-d4	5.05	65	172843	51.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.44%
32) Benzene-d6	5.07	84	454545	47.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.84%
36) 1,2-Dichloropropane-d6	6.09	67	139903	47.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.62%
41) Toluene-d8	7.34	98	415010	47.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.34%
43) trans-1,3-Dichloropropene-	7.64	79	70320	45.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.32%
47) 2-Hexanone-d5	8.11	63	104347	80.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.94%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	179063	45.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	171471	50.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.16%

Target Compounds

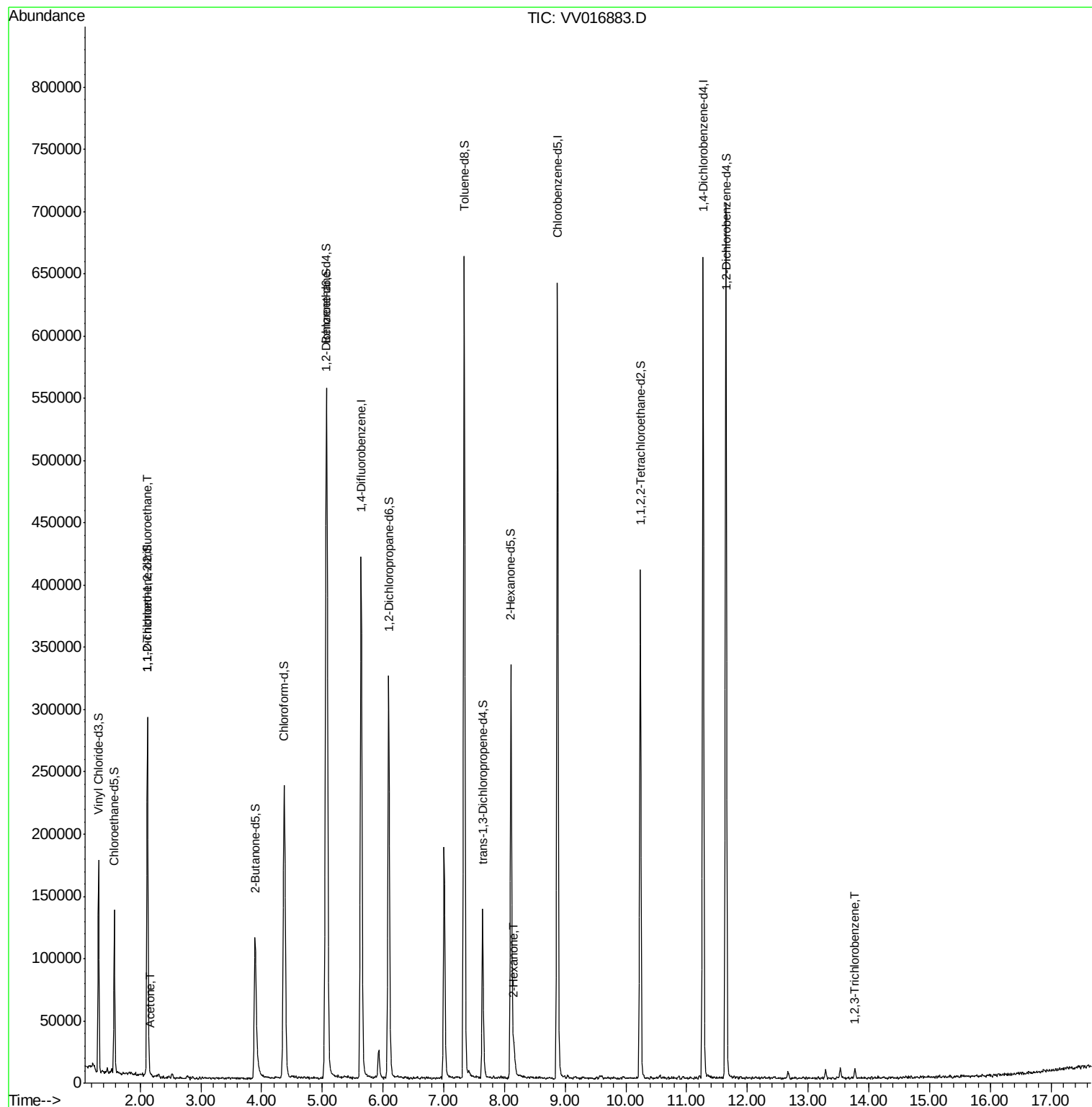
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1520	0.827 ug/L #	22
13) Acetone	2.17	43	1879	1.579 ug/L	93
48) 2-Hexanone	8.16	43	11126	3.999 ug/L #	90
70) 1,2,3-Trichlorobenzene	13.77	180	2002	0.589 ug/L	95

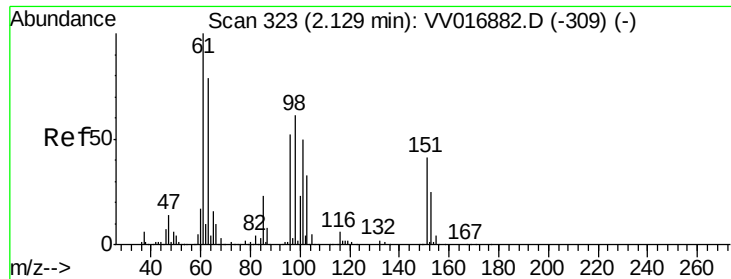
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.827 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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ClientSampleId :

VBLK84

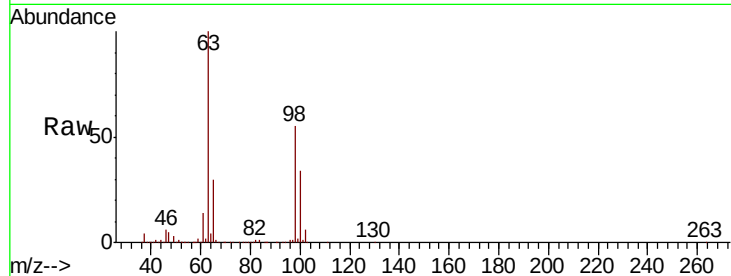
Tot Ion:101 Resp: 1520

Ion Ratio Lower Upper

101 100

85 8.6 35.5 53.3#

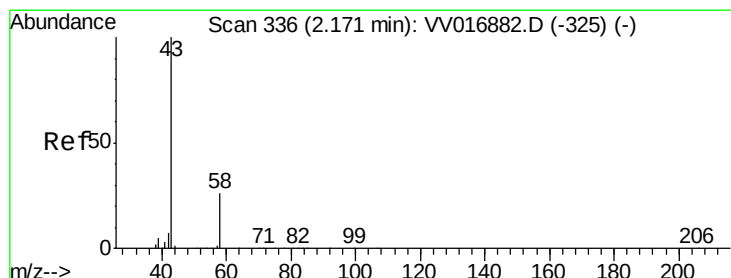
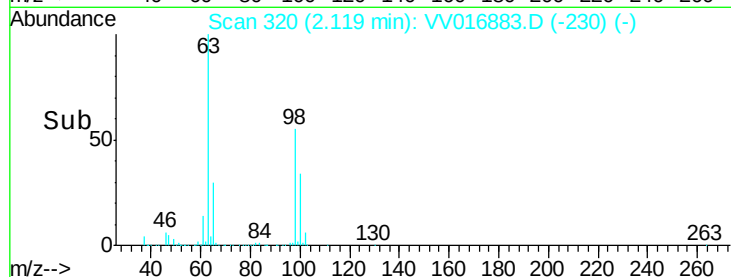
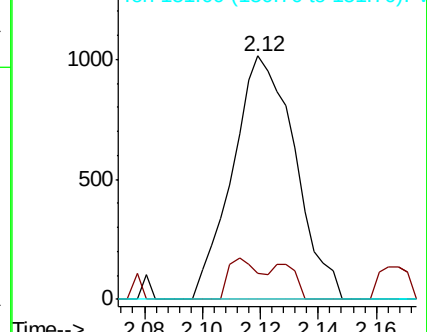
151 0.0 63.9 95.9#



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: 1.579 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

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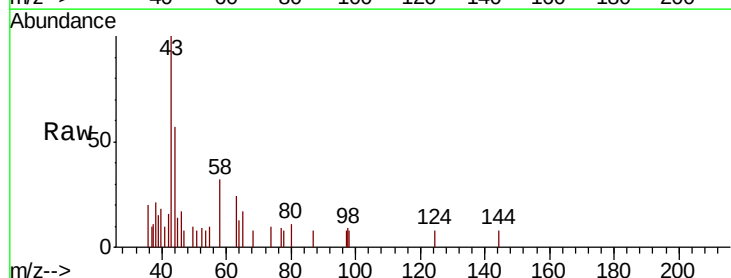
Acq: 12 Jun 2020 16:59

Tgt Ion: 43 Resp: 1879

Ion Ratio Lower Upper

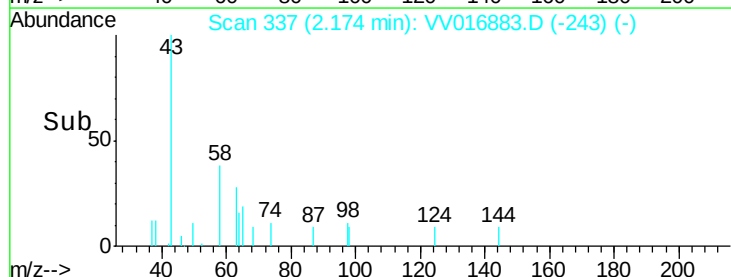
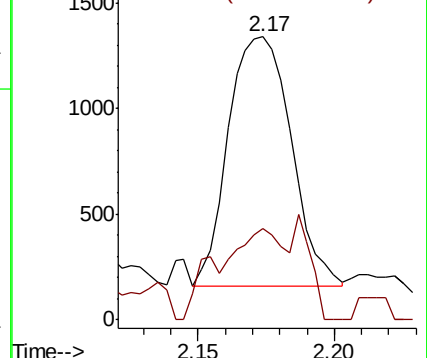
43 100

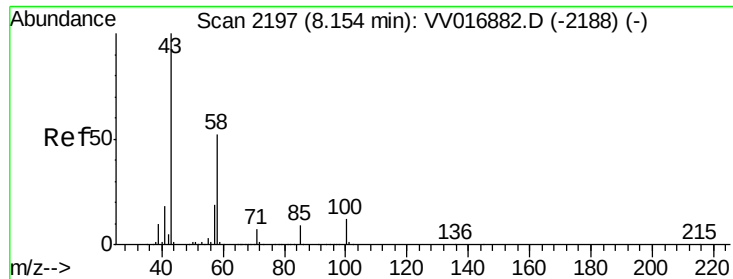
58 24.0 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

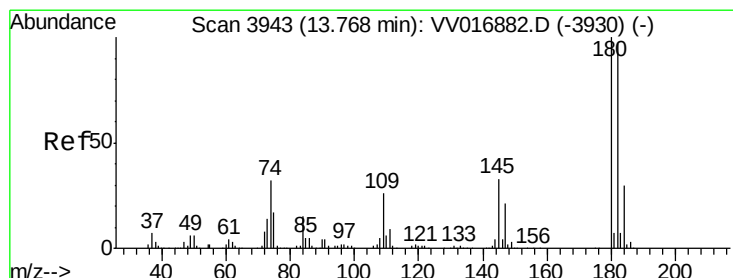
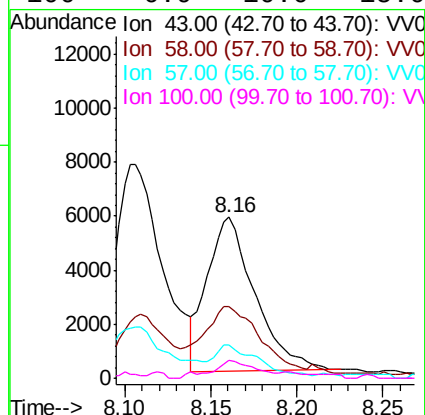
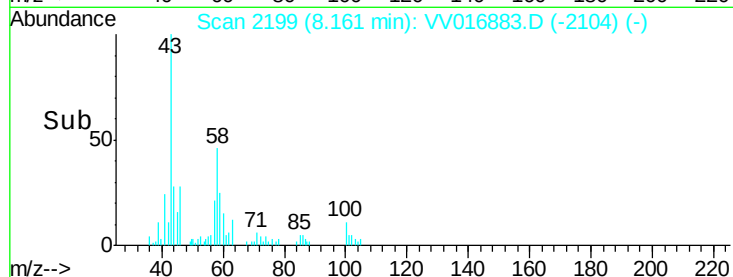
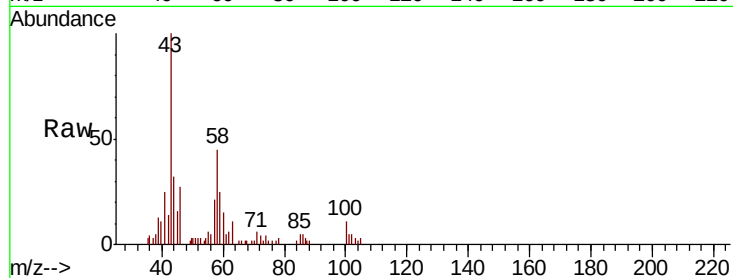




#48
 2-Hexanone
 Concen: 3.999 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.01 min
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Tot Ion: 43 Resp: 11126
 Ion Ratio Lower Upper
 43 100
 58 55.1 43.1 64.7
 57 4.5 15.3 22.9#
 100 6.9 10.0 15.0#



#70
 1,2,3-Trichlorobenzene
 Concen: 0.589 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VV016883.D
 Acq: 12 Jun 2020 16:59

Tgt Ion: 180 Resp: 2002
 Ion Ratio Lower Upper
 180 100
 182 92.4 76.5 114.7
 145 26.1 26.1 39.1

