

Data File : VV010302.D
Acq On : 12 Apr 2019 22:52
Operator : SY/MD
Sample : K2303-20
Misc : 5.29G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF8B3

Quant Time: Apr 13 05:53:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 05:50:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	216636	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	213507	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	91329	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35491	14.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.92%
7) Chloroethane-d5	1.57	69	37565	17.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.12%
10) 1,1-Dichloroethene-d2	2.13	63	76006	11.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.88%
20) 2-Butanone-d5	3.93	46	35755	56.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.32%
24) Chloroform-d	4.40	84	89506	18.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.36%
26) 1,2-Dichloroethane-d4	5.08	65	62250	22.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.36%
29) Benzene-d6	5.10	84	184681	17.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.76%
33) 1,2-Dichloropropane-d6	6.12	67	59521	19.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.76%
37) Toluene-d8	7.36	98	166446	16.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.32%
38) trans-1,3-Dichloropropene-	7.66	79	22052	17.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.08%
39) 2-Hexanone-d5	8.13	63	27502	52.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.00%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	62948	22.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.60%
61) 1,2-Dichlorobenzene-d4	11.68	152	68406	20.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.12%

Target Compounds

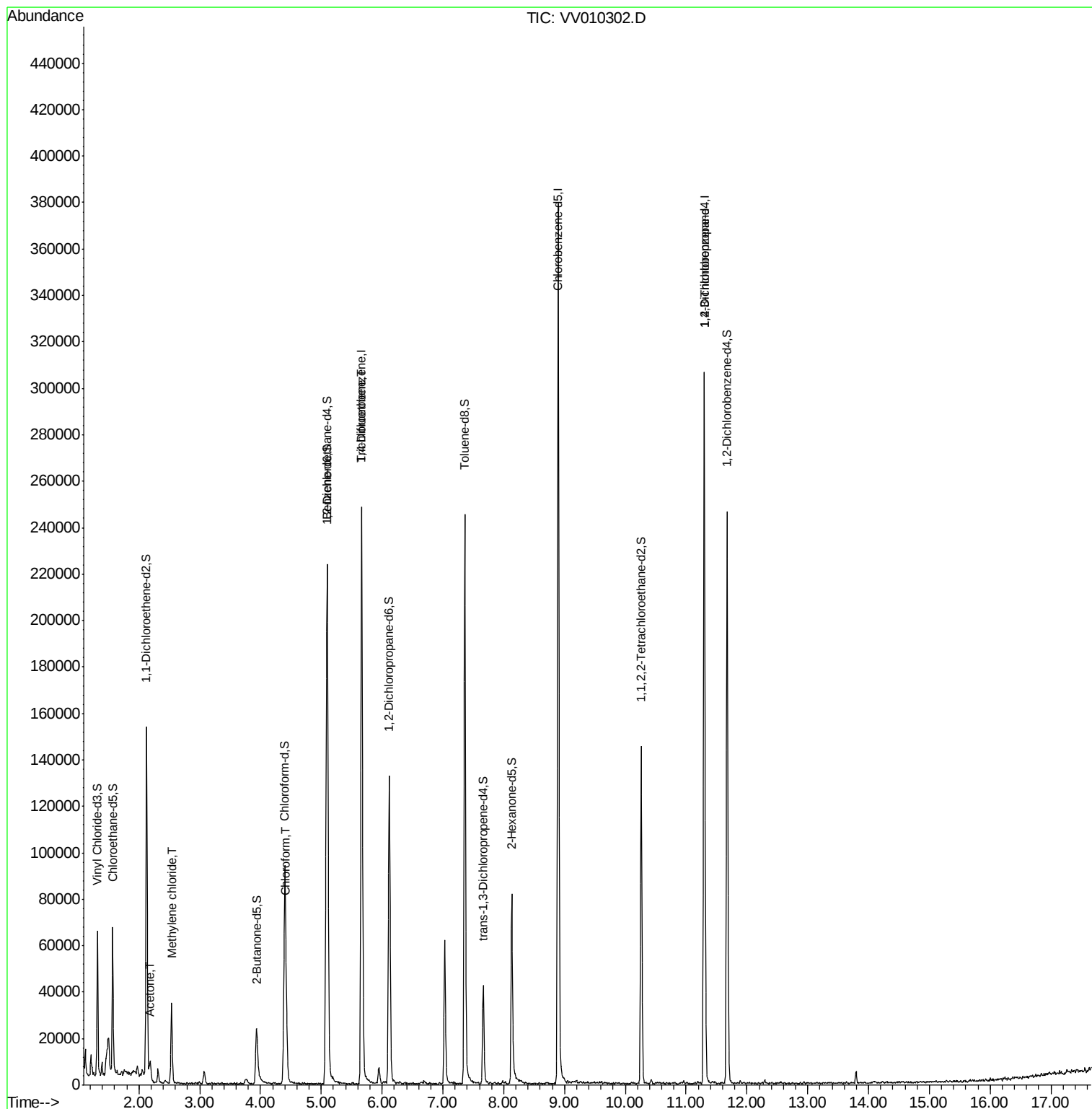
					Qvalue
13) Acetone	2.19	43	6850	10.159 ug/L	93
16) Methylene chloride	2.54	84	14615	3.445 ug/L	95
25) Chloroform	4.43	83	11281	2.126 ug/L	92
35) Trichloroethene	5.66	95	6188	1.979 ug/L #	4
59) 1,2,3-Trichloropropane	11.30	75	11303	5.531 ug/L	98

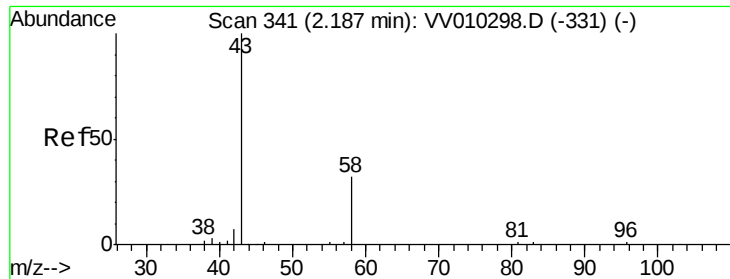
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.159 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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MSVOA_V

ClientSampleId :

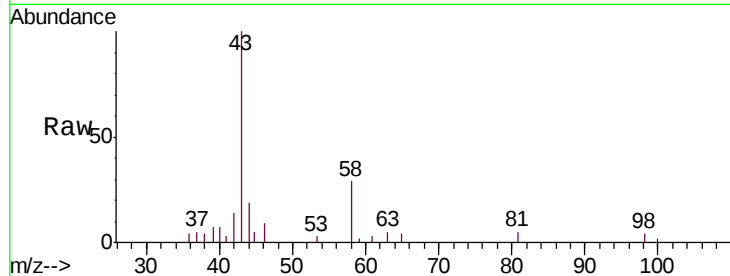
BF8B3

Tgt Ion: 43 Resp: 6850

Ion Ratio Lower Upper

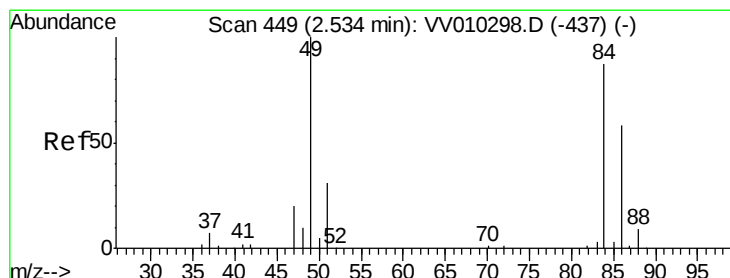
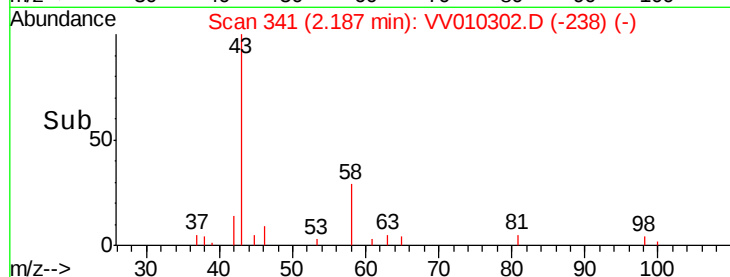
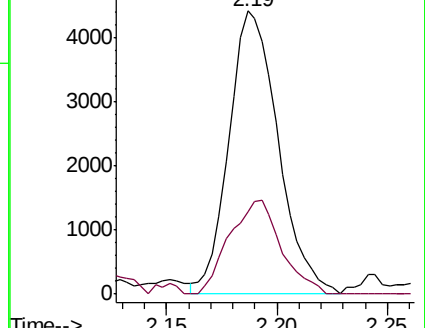
43 100

58 34.7 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010298.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010298.D (-331) (-)



#16

Methylene chloride

Concen: 3.445 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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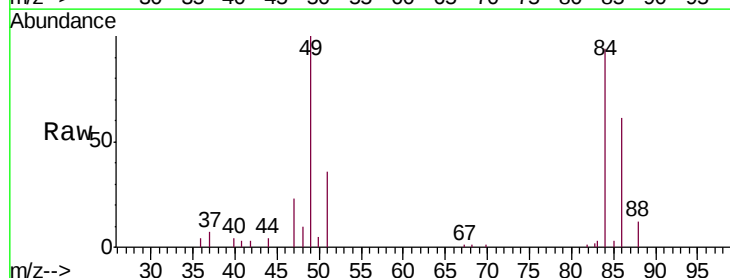
Tgt Ion: 84 Resp: 14615

Ion Ratio Lower Upper

84 100

49 106.8 79.9 148.5

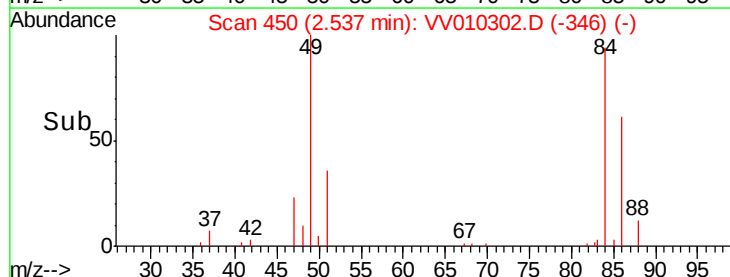
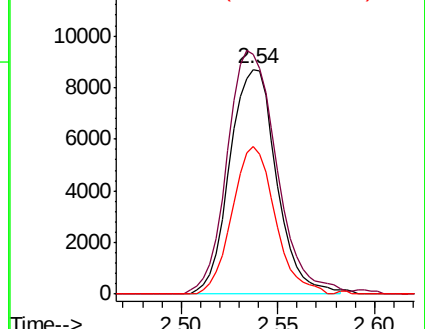
86 65.7 44.5 82.7

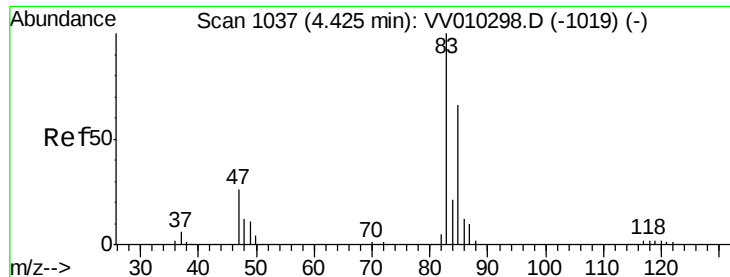


Abundance Ion 84.00 (83.70 to 84.70): VV010298.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010298.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010298.D (-437) (-)





#25

Chloroform

Concen: 2.126 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

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ClientSampleId :

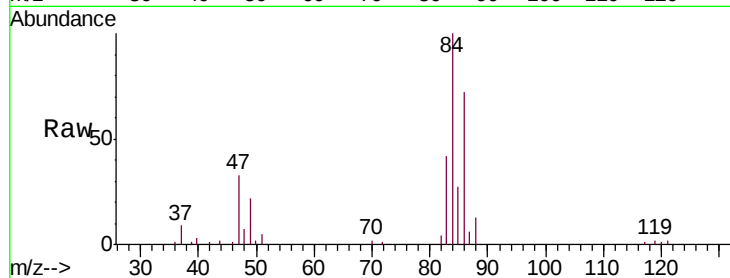
BF8B3

Tgt Ion: 83 Resp: 11281

Ion Ratio Lower Upper

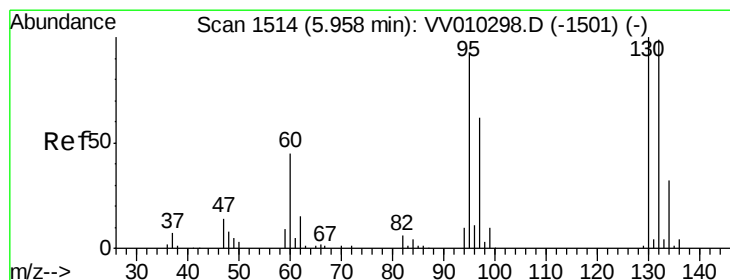
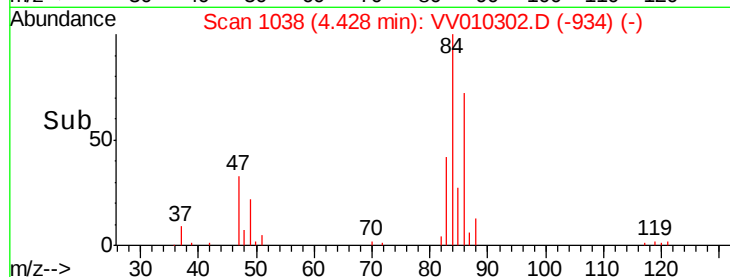
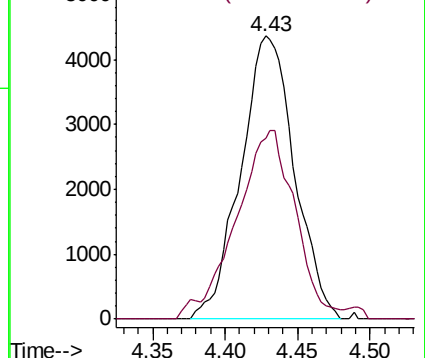
83 100

85 71.1 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VV010302.D (-934) (-)

Ion 85.00 (84.70 to 85.70): VV010302.D (-934) (-)



#35

Trichloroethene

Concen: 1.979 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.30 min

Lab File: VV010302.D

Acq: 12 Apr 2019 22:52

Tgt Ion: 95 Resp: 6188

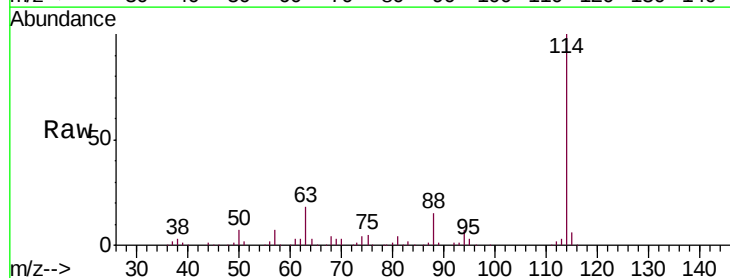
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.8 71.3 132.3#

130 0.0 73.4 136.4#

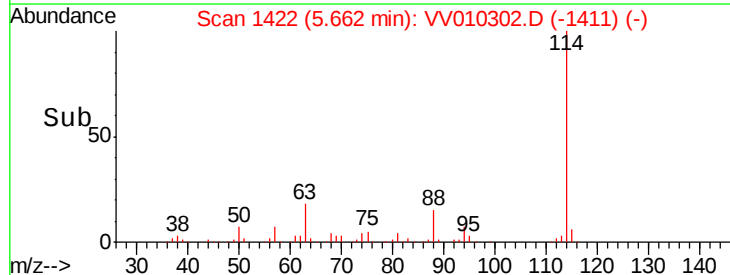
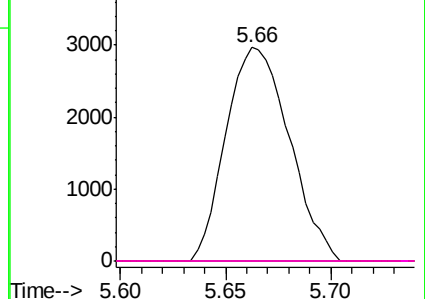


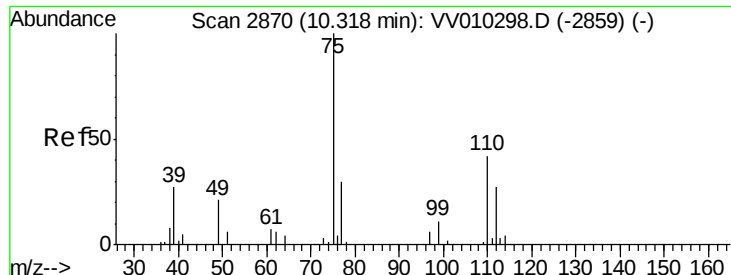
Abundance Ion 95.00 (94.70 to 95.70): VV010302.D (-1411) (-)

Ion 97.00 (96.70 to 97.70): VV010302.D (-1411) (-)

Ion 132.00 (131.70 to 132.70): VV010302.D (-1411) (-)

Ion 130.00 (129.70 to 130.70): VV010302.D (-1411) (-)





#59
 1,2,3-Trichloropropane
 Concen: 5.531 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV010302.D
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 MSVOA_V
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 BF8B3

Tgt Ion: 75 Resp: 11303
 Ion Ratio Lower Upper
 75 100
 77 34.9 26.9 40.3

