

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010242.D
 Acq On : 11 Apr 2019 14:29
 Operator : SY/MD
 Sample : K2255-10
 Misc : 4.36G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF8C7

Quant Time: Apr 12 01:28:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 01:24:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	313679	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	289922	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	131381	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63523	17.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.36%
7) Chloroethane-d5	1.58	69	64328	20.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.92%
10) 1,1-Dichloroethene-d2	2.13	63	131739	14.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.32%
20) 2-Butanone-d5	3.93	46	40790	44.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.28%
24) Chloroform-d	4.40	84	153079	21.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.48%
26) 1,2-Dichloroethane-d4	5.08	65	93392	22.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.56%
29) Benzene-d6	5.10	84	332066	23.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.00%
33) 1,2-Dichloropropane-d6	6.12	67	101462	24.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.60%
37) Toluene-d8	7.36	98	313950	23.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.12%
38) trans-1,3-Dichloropropene-	7.66	79	37684	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.96%
39) 2-Hexanone-d5	8.13	63	29836	41.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.08%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	82474	22.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.40%
61) 1,2-Dichlorobenzene-d4	11.68	152	118315	24.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.56%

Target Compounds

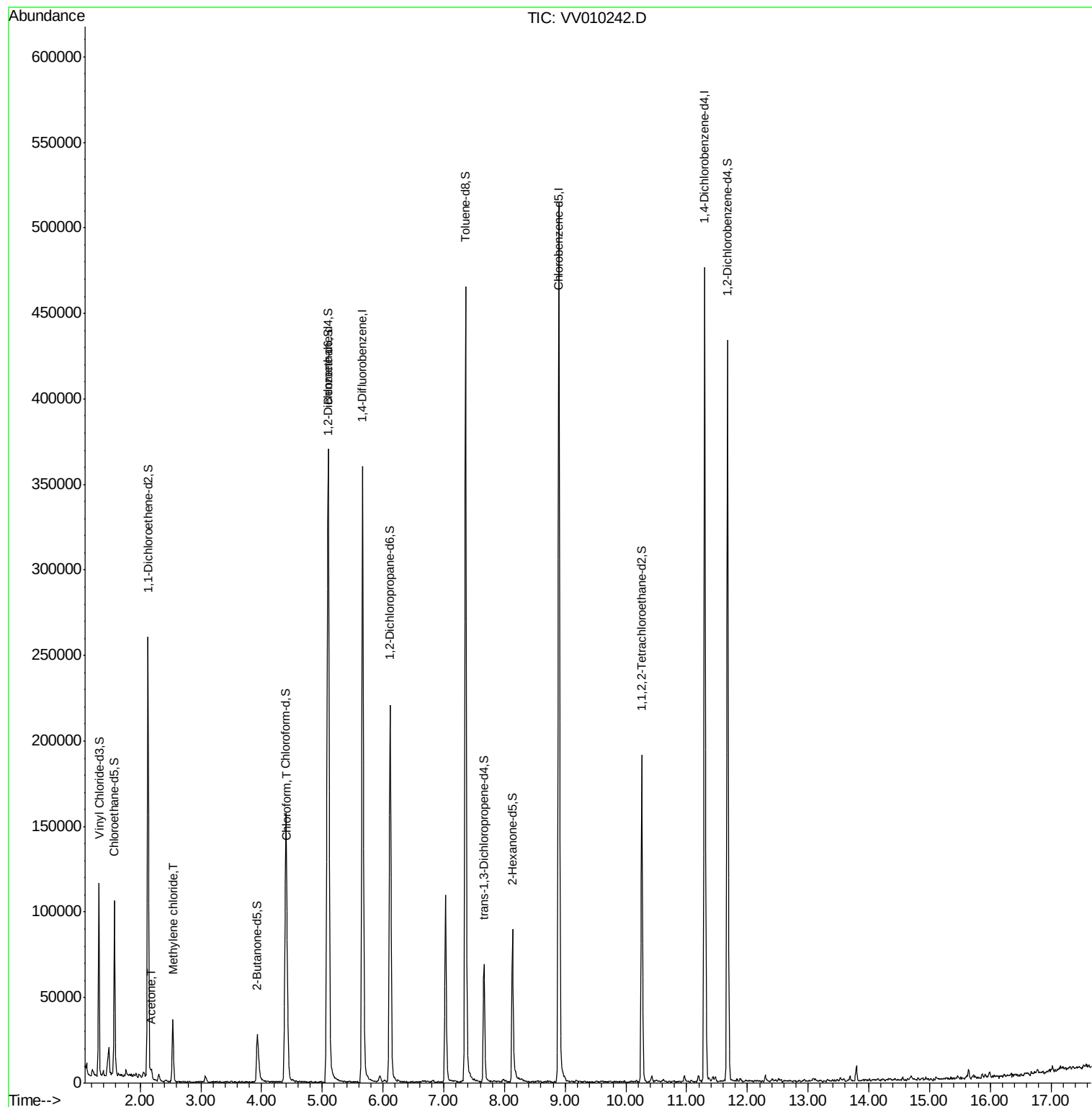
					Qvalue
13) Acetone	2.19	43	3886	3.980 ug/L	95
16) Methylene chloride	2.54	84	15663	2.550 ug/L	99
25) Chloroform	4.42	83	7308	0.951 ug/L #	13

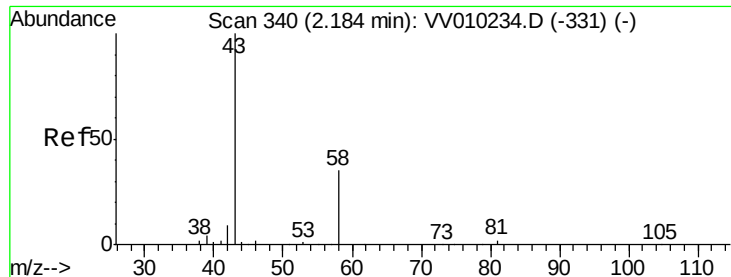
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.980 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV010242.D

Acq: 11 Apr 2019 14:29

Instrument :

MSVOA_V

ClientSampled :

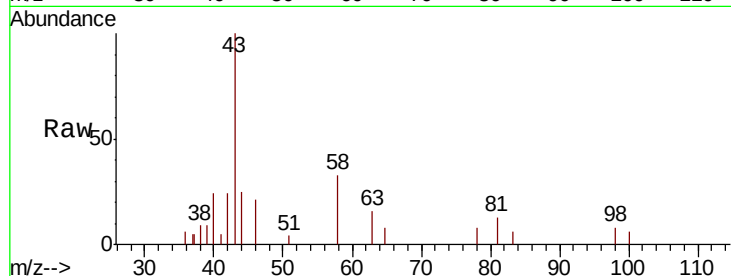
BF8C7

Tgt Ion: 43 Resp: 3886

Ion Ratio Lower Upper

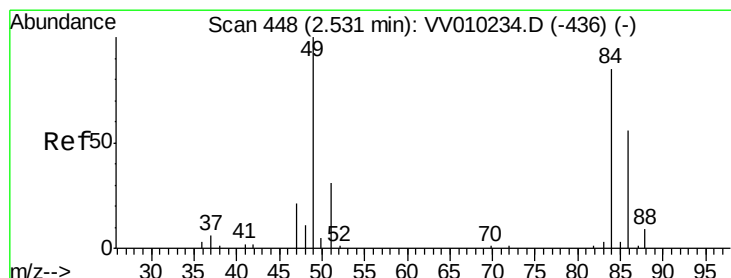
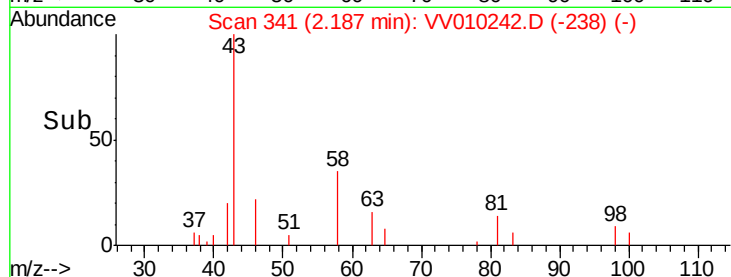
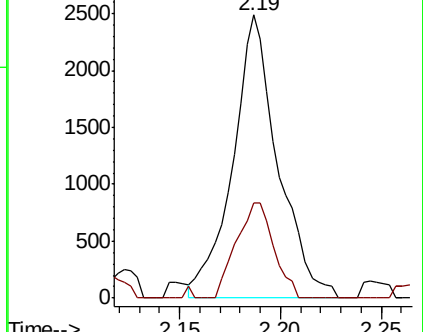
43 100

58 28.1 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010234.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010234.D (-331) (-)



#16

Methylene chloride

Concen: 2.550 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV010242.D

Acq: 11 Apr 2019 14:29

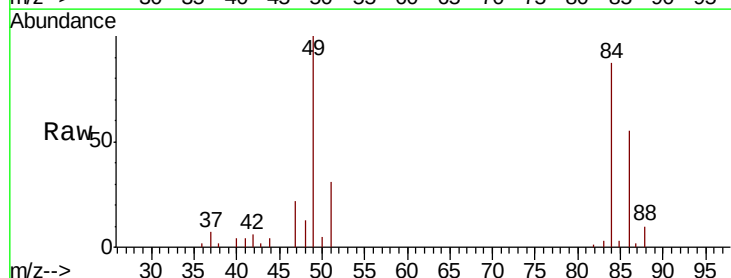
Tgt Ion: 84 Resp: 15663

Ion Ratio Lower Upper

84 100

49 115.1 79.9 148.5

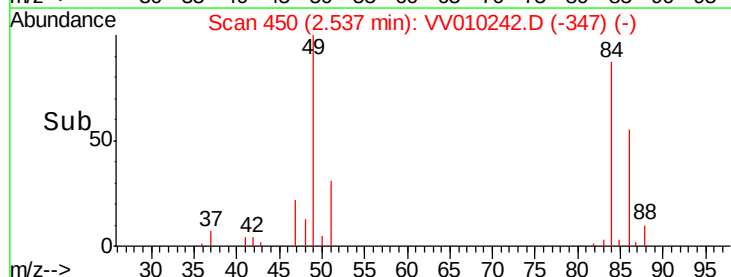
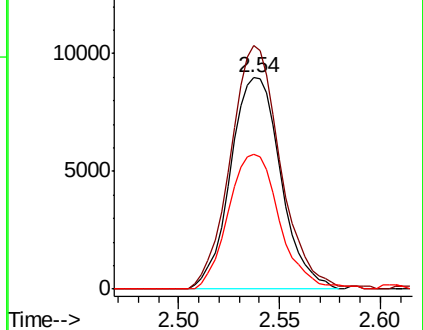
86 63.8 44.5 82.7

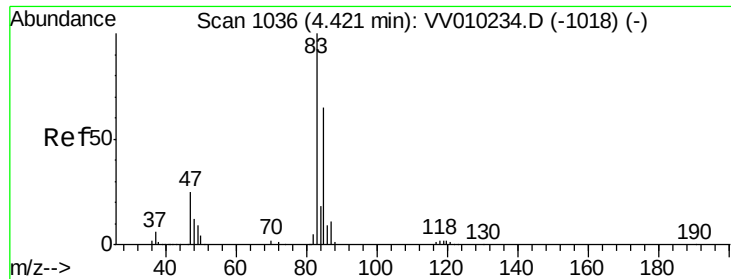


Abundance Ion 84.00 (83.70 to 84.70): VV010234.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV010234.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV010234.D (-436) (-)





#25
 Chloroform
 Concen: 0.951 ug/L
 RT: 4.42 min Scan# 1037
 Delta R.T. -0.00 min
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Tgt Ion: 83 Resp: 7308
 Ion Ratio Lower Upper
 83 100
 85 133.6 45.4 84.2#

