

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010236.D
 Acq On : 11 Apr 2019 11:52
 Operator : SY/MD
 Sample : K2304-01
 Misc : 5.41G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF888

Quant Time: Apr 12 01:27:33 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	284354	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	271757	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	115130	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63248	19.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.28%
7) Chloroethane-d5	1.58	69	63688	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.56%
10) 1,1-Dichloroethene-d2	2.13	63	134969	16.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.80%
20) 2-Butanone-d5	3.92	46	38744	46.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.54%
24) Chloroform-d	4.40	84	158819	24.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.84%
26) 1,2-Dichloroethane-d4	5.07	65	89159	24.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.44%
29) Benzene-d6	5.09	84	320454	24.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.84%
33) 1,2-Dichloropropane-d6	6.11	67	93833	24.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.28%
37) Toluene-d8	7.36	98	295644	23.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.56%
38) trans-1,3-Dichloropropene-	7.66	79	35569	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.56%
39) 2-Hexanone-d5	8.13	63	25017	37.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.32%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	76950	22.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.00%
61) 1,2-Dichlorobenzene-d4	11.67	152	108121	25.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.72%

Target Compounds

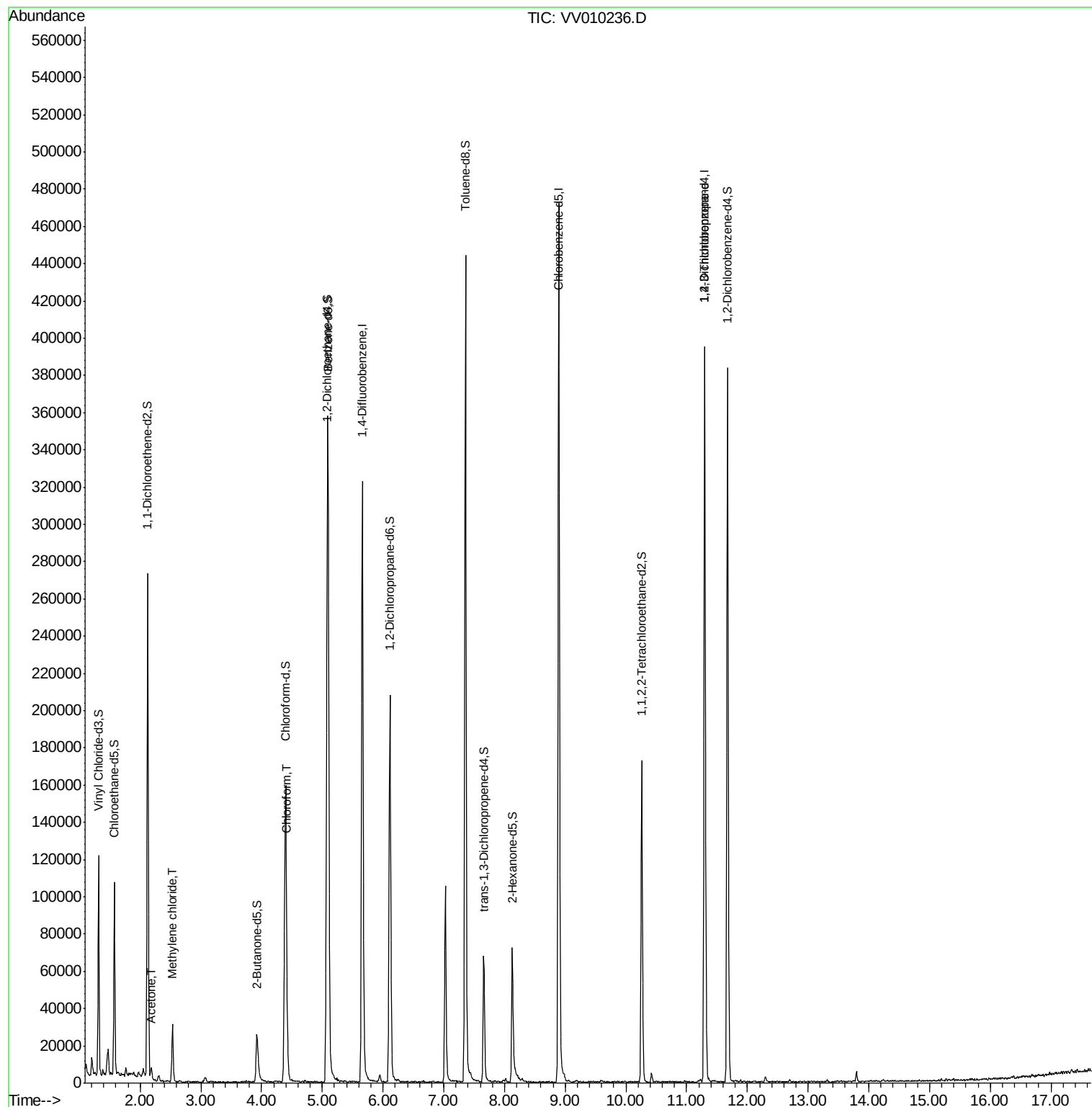
					Qvalue
13) Acetone	2.18	43	4007	4.527 ug/L	100
16) Methylene chloride	2.53	84	13252	2.380 ug/L	94
25) Chloroform	4.42	83	7345	1.055 ug/L #	69
59) 1,2,3-Trichloropropane	11.30	75	13828	5.317 ug/L	88

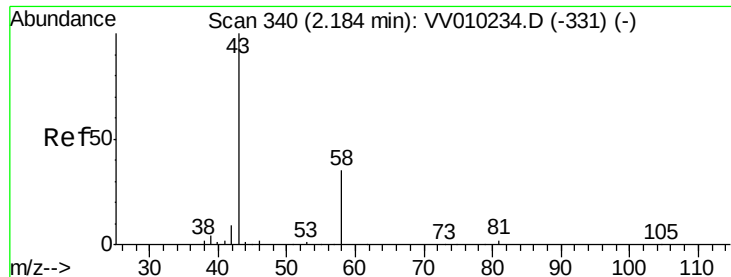
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.527 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

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Acq: 11 Apr 2019 11:52

Instrument :

MSVOA_V

ClientSampled :

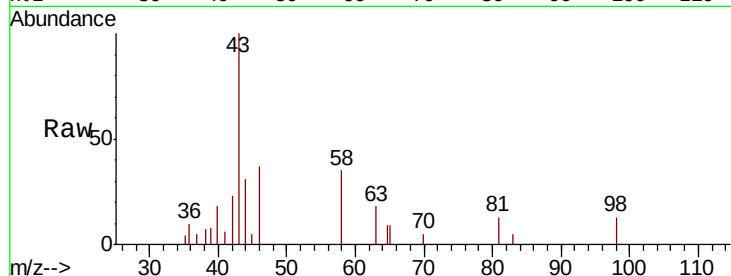
BF888

Tgt Ion: 43 Resp: 4007

Ion Ratio Lower Upper

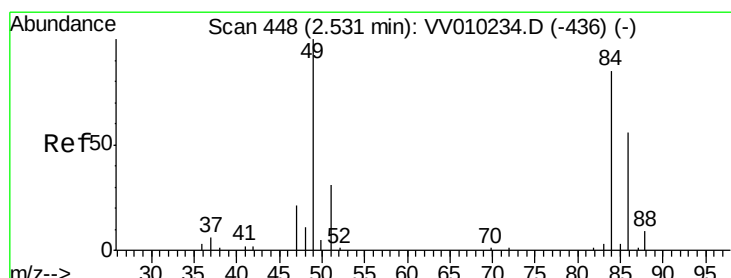
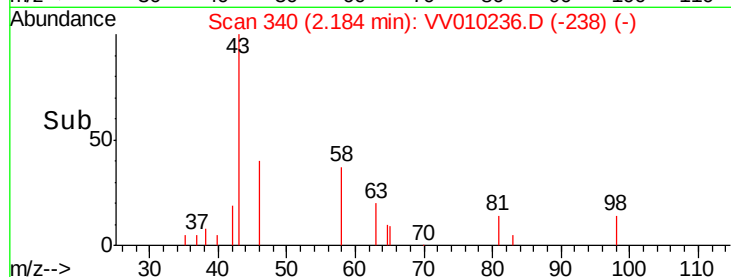
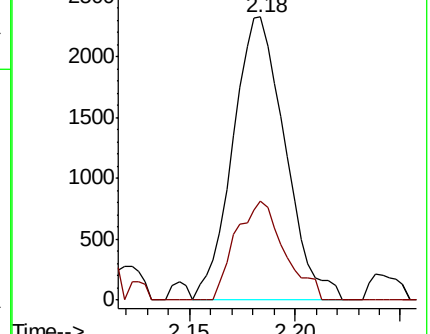
43 100

58 30.7 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 2.380 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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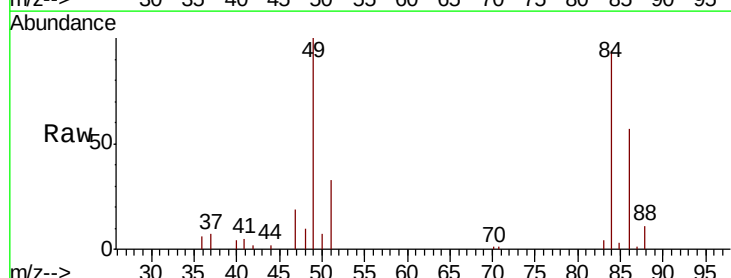
Tgt Ion: 84 Resp: 13252

Ion Ratio Lower Upper

84 100

49 105.9 79.9 148.5

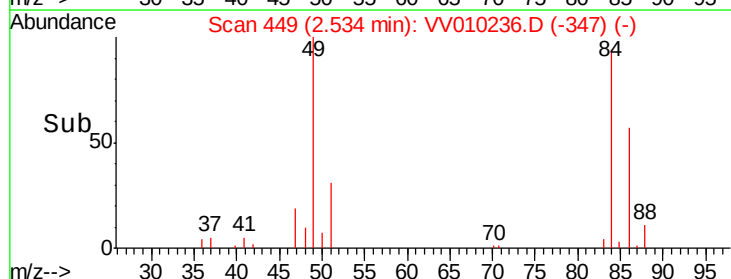
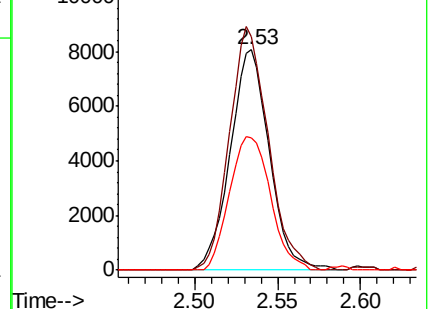
86 60.2 44.5 82.7

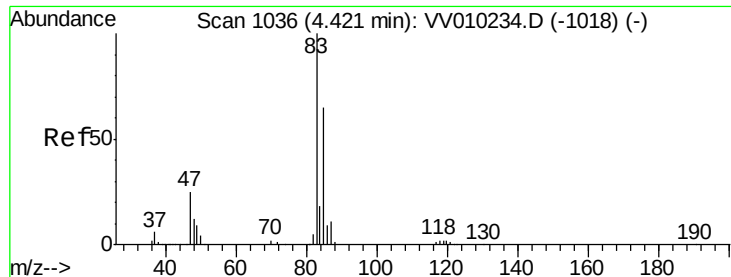


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

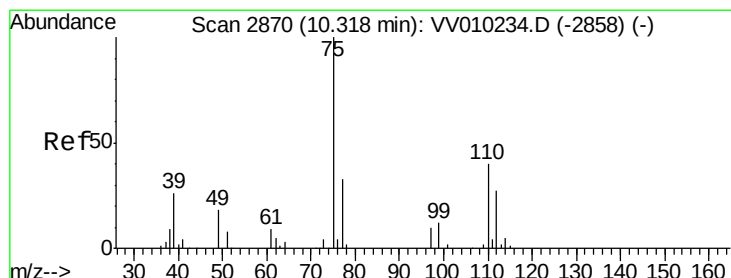
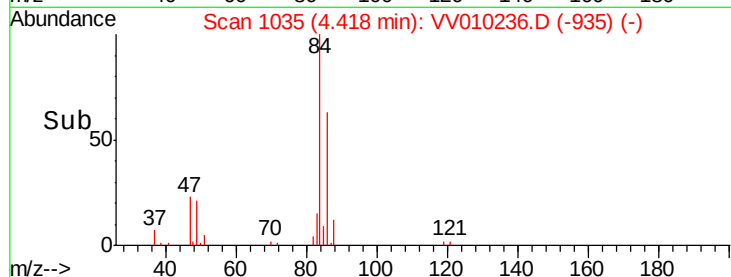
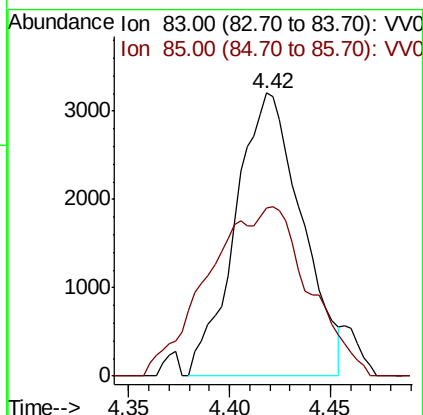
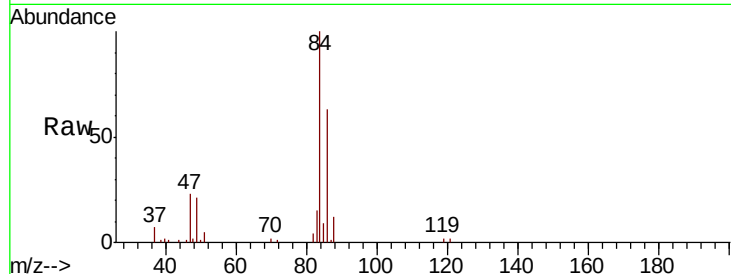




#25
Chloroform
Concen: 1.055 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
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Tgt Ion: 83 Resp: 7345
Ion Ratio Lower Upper
83 100
85 40.0 45.4 84.2#



#59
1,2,3-Trichloropropane
Concen: 5.317 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV010236.D
Acq: 11 Apr 2019 11:52

Tgt Ion: 75 Resp: 13828
Ion Ratio Lower Upper
75 100
77 40.3 26.9 40.3

