

Data File : VV010305.D
Acq On : 13 Apr 2019 00:11
Operator : SY/MD
Sample : K2304-11
Misc : 5.96G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF895RE

Quant Time: Apr 13 05:54:04 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	221022	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	194954	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66051	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39153	15.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.56%
7) Chloroethane-d5	1.56	69	44212	20.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.88%
10) 1,1-Dichloroethene-d2	2.12	63	84586	13.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.24%
20) 2-Butanone-d5	3.93	46	36173	56.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.36%
24) Chloroform-d	4.40	84	102290	20.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.08%
26) 1,2-Dichloroethane-d4	5.08	65	70025	24.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.44%
29) Benzene-d6	5.10	84	209929	22.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.32%
33) 1,2-Dichloropropane-d6	6.12	67	65732	23.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.04%
37) Toluene-d8	7.36	98	179654	19.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.40%
38) trans-1,3-Dichloropropene-	7.66	79	22798	19.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.24%
39) 2-Hexanone-d5	8.13	63	25151	52.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.16%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	63668	25.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.48%
61) 1,2-Dichlorobenzene-d4	11.68	152	55559	22.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.12%

Target Compounds

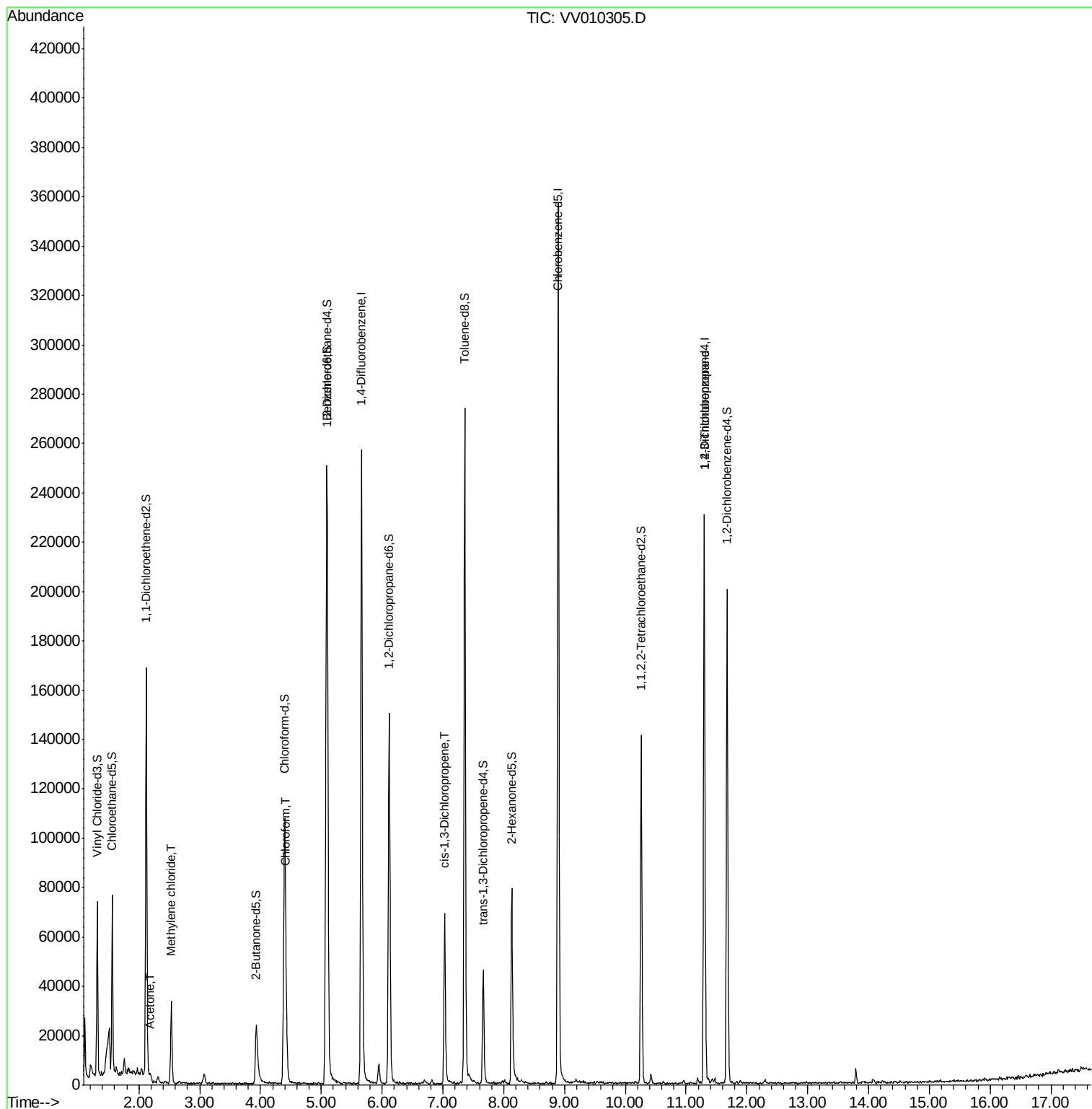
					Qvalue
13) Acetone	2.19	43	2308	3.355 ug/L	99
16) Methylene chloride	2.53	84	13400	3.096 ug/L	96
25) Chloroform	4.42	83	11960	2.209 ug/L	98
42) cis-1,3-Dichloropropene	7.03	75	2072	0.565 ug/L	94
59) 1,2,3-Trichloropropane	11.30	75	8487	4.549 ug/L	99

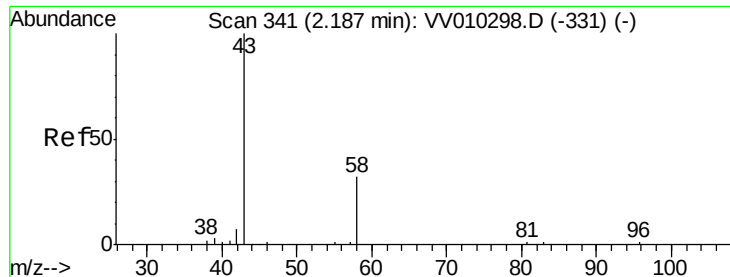
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.355 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV010305.D

Acq: 13 Apr 2019 00:11

Instrument :

MSVOA_V

ClientSampled :

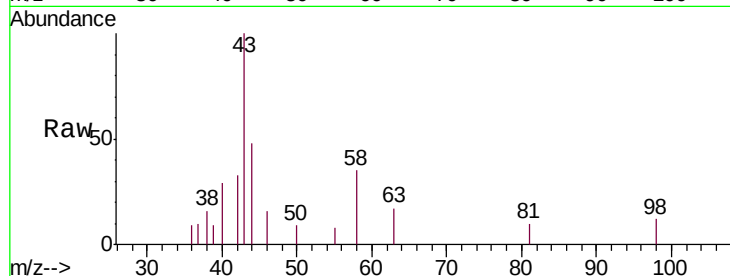
BF895RE

Tgt Ion: 43 Resp: 2308

Ion Ratio Lower Upper

43 100

58 30.5 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

1500

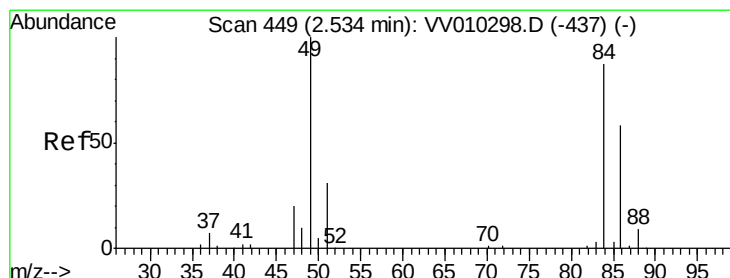
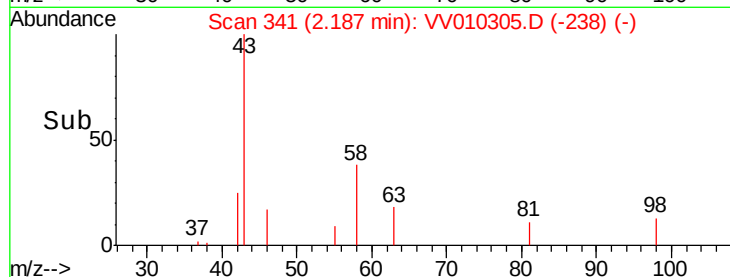
1000

500

0

2.15 2.20

Time-->



#16

Methylene chloride

Concen: 3.096 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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Acq: 13 Apr 2019 00:11

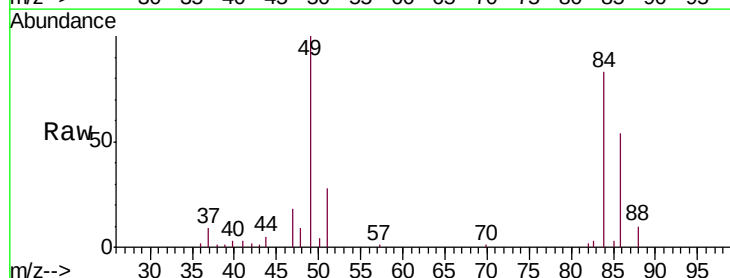
Tgt Ion: 84 Resp: 13400

Ion Ratio Lower Upper

84 100

49 119.9 79.9 148.5

86 65.2 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

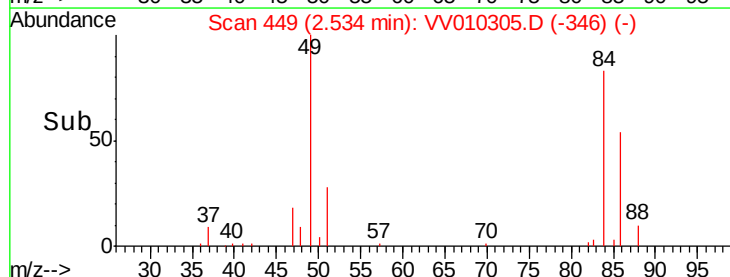
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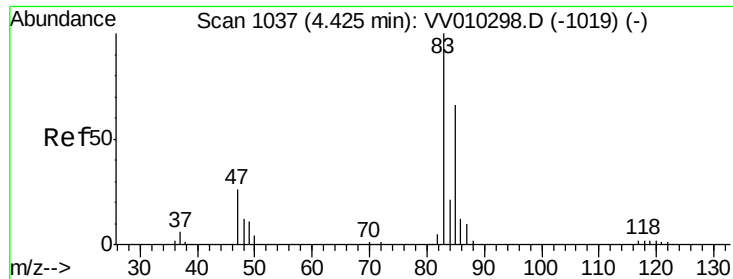
5000

0

2.50 2.55

Time-->

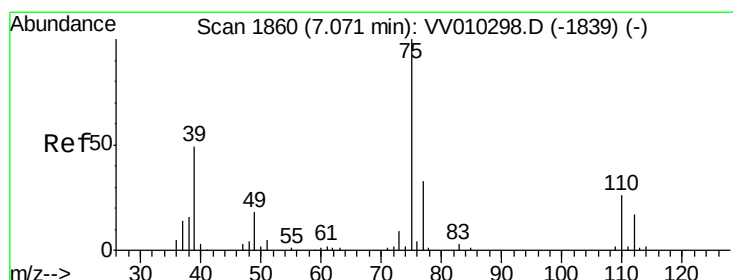
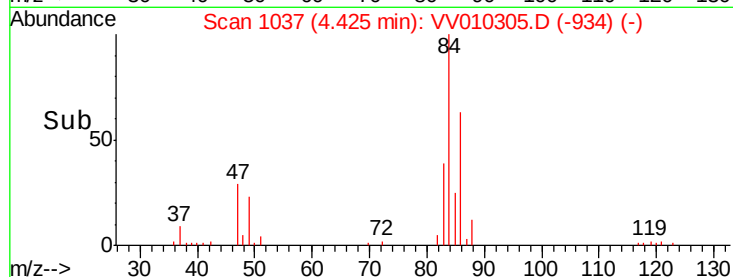
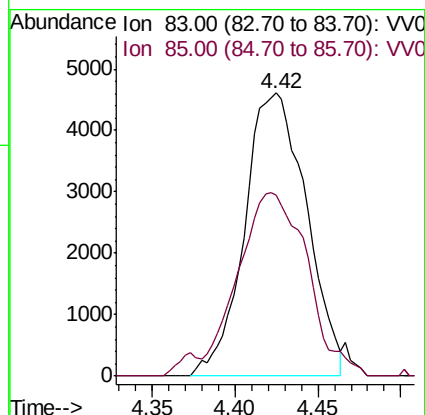
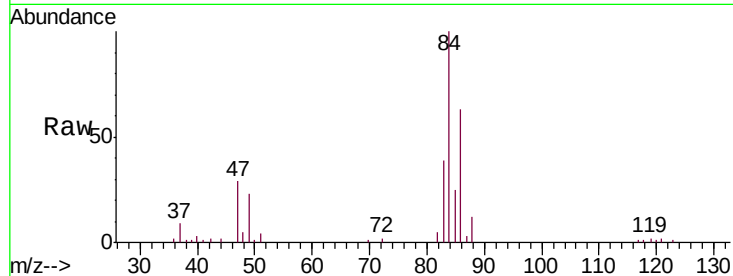




#25
Chloroform
Concen: 2.209 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV010305.D
Acq: 13 Apr 2019 00:11

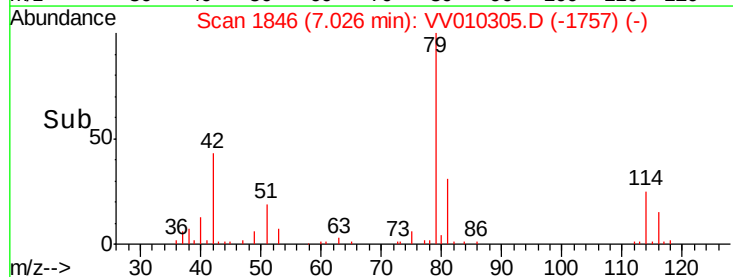
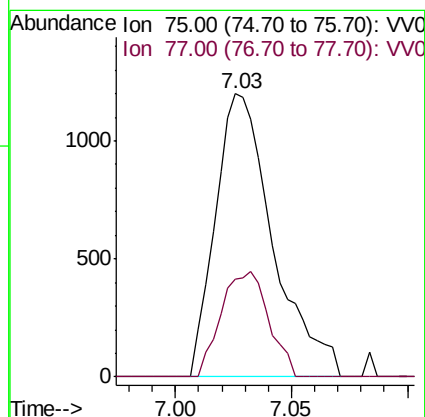
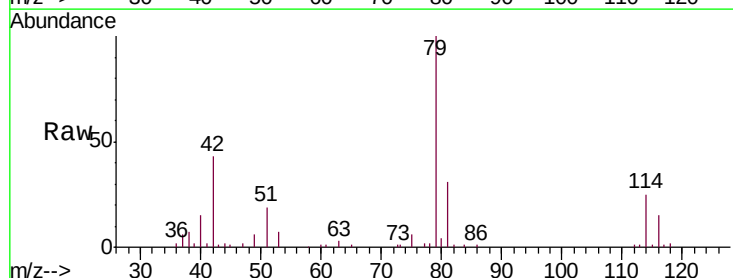
Instrument :
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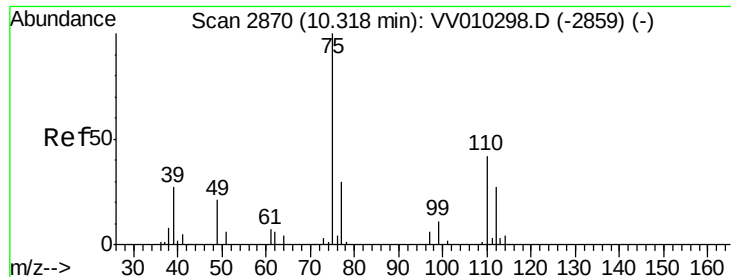
Tgt Ion: 83 Resp: 11960
Ion Ratio Lower Upper
83 100
85 63.2 45.4 84.2



#42
cis-1,3-Dichloropropene
Concen: 0.565 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV010305.D
Acq: 13 Apr 2019 00:11

Tgt Ion: 75 Resp: 2072
Ion Ratio Lower Upper
75 100
77 34.5 21.9 40.7





#59
 1,2,3-Trichloropropane
 Concen: 4.549 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010305.D
 Acq: 13 Apr 2019 00:11

Instrument :
 MSVOA_V
 ClientSampleId :
 BF895RE

Tgt Ion: 75 Resp: 8487
 Ion Ratio Lower Upper
 75 100
 77 34.4 26.9 40.3

