

Data File : VV010299.D
Acq On : 12 Apr 2019 21:11
Operator : SY/MD
Sample : VV0412SBL02
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK69

Quant Time: Apr 13 05:52:57 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	287343	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	271589	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	127381	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	74416	22.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.00%
7) Chloroethane-d5	1.56	69	70129	24.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.68%
10) 1,1-Dichloroethene-d2	2.12	63	150660	17.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.56%
20) 2-Butanone-d5	3.93	46	45950	54.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.80%
24) Chloroform-d	4.40	84	136962	20.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.48%
26) 1,2-Dichloroethane-d4	5.08	65	92248	24.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.72%
29) Benzene-d6	5.10	84	313083	23.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.64%
33) 1,2-Dichloropropane-d6	6.12	67	92385	23.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.88%
37) Toluene-d8	7.36	98	301921	23.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.56%
38) trans-1,3-Dichloropropene-	7.66	79	37589	23.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.60%
39) 2-Hexanone-d5	8.13	63	36264	53.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.80%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	87981	25.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	116506	24.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.08%

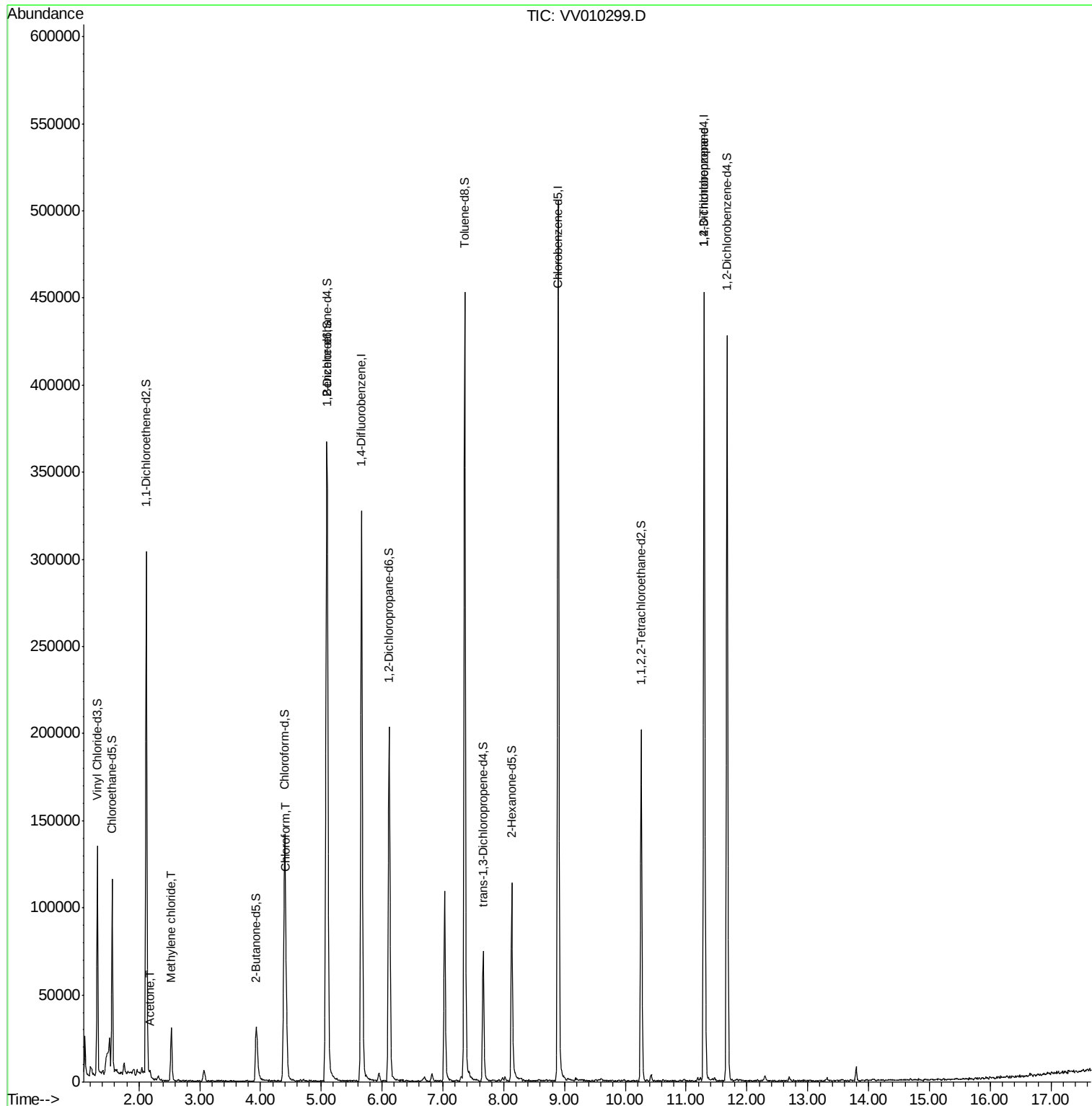
Target Compounds					Qvalue
13) Acetone	2.19	43	1991	2.226 ug/L	74
16) Methylene chloride	2.53	84	13328	2.368 ug/L	97
25) Chloroform	4.42	83	20448	2.905 ug/L	87
59) 1,2,3-Trichloropropane	11.30	75	15275	5.877 ug/L	91

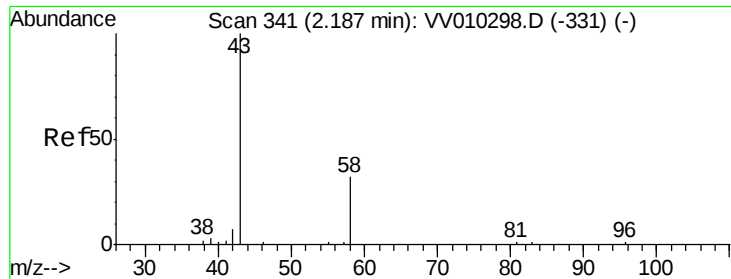
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.226 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampled :

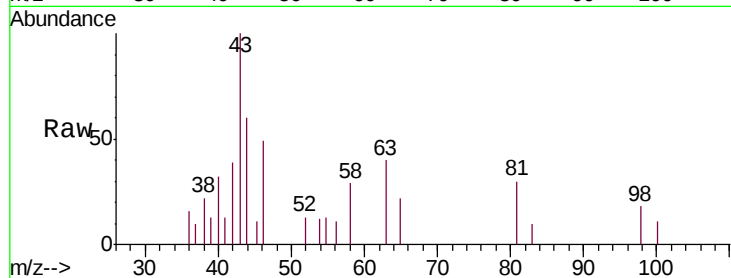
VBLK69

Tgt Ion: 43 Resp: 1991

Ion Ratio Lower Upper

43 100

58 16.5 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

1200

1000

800

600

400

200

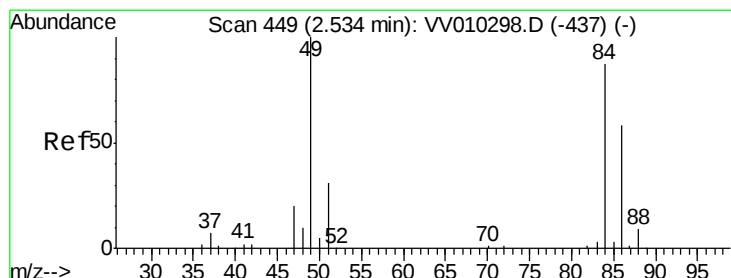
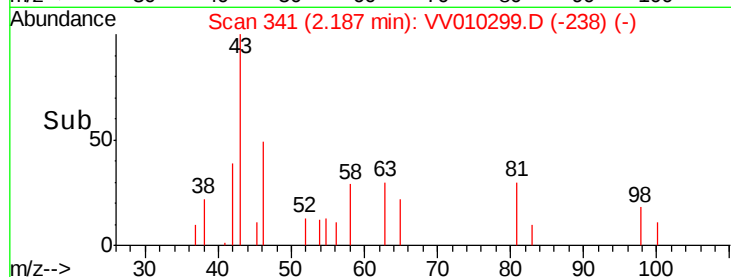
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Time-->

2.15

2.20

2.25



#16

Methylene chloride

Concen: 2.368 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

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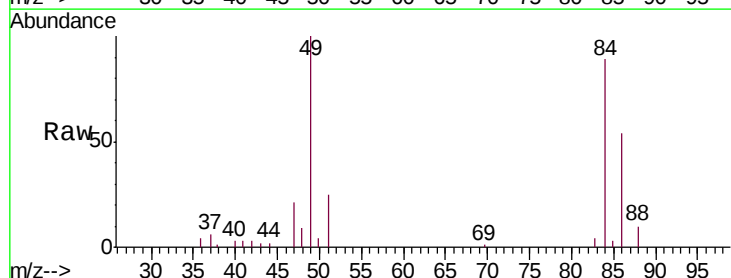
Tgt Ion: 84 Resp: 13328

Ion Ratio Lower Upper

84 100

49 112.1 79.9 148.5

86 60.1 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

12000

10000

8000

6000

4000

2000

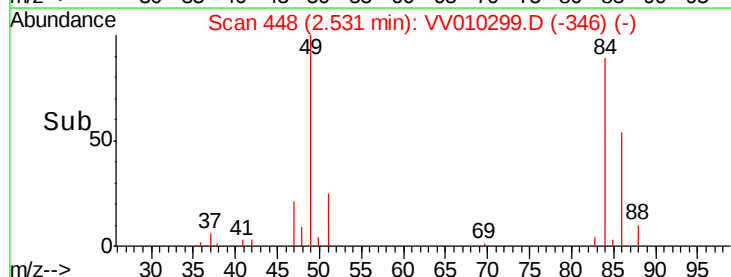
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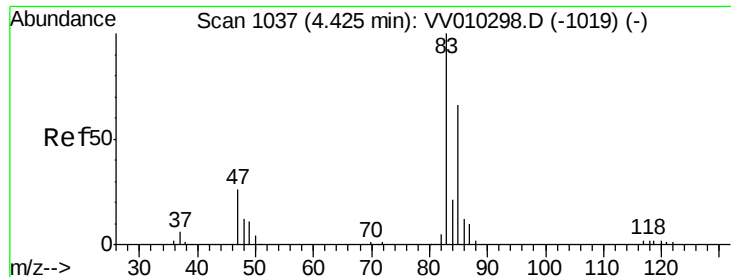
Time-->

2.50

2.55

2.60

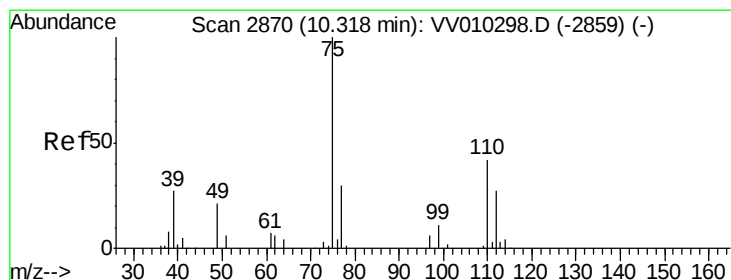
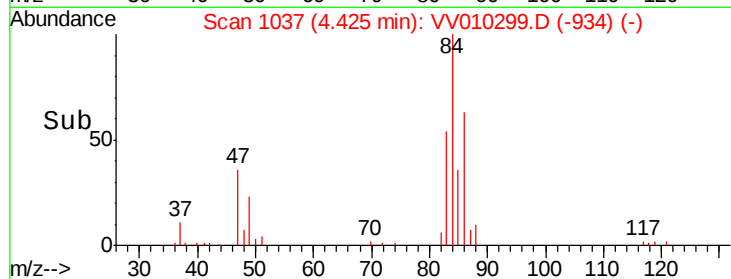
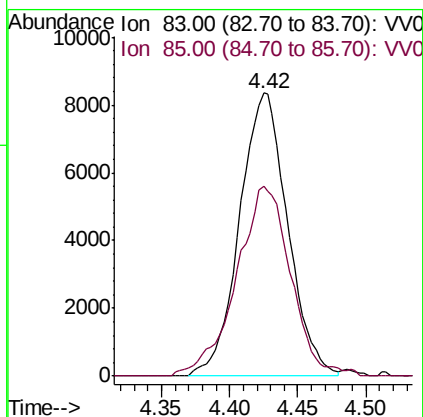
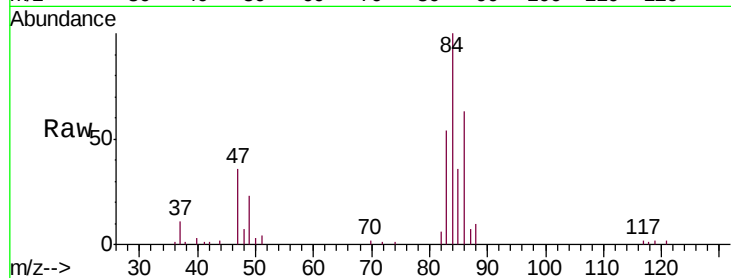




#25
Chloroform
Concen: 2.905 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
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Tgt Ion: 83 Resp: 20448
Ion Ratio Lower Upper
83 100
85 74.8 45.4 84.2



#59
1,2,3-Trichloropropane
Concen: 5.877 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV010299.D
Acq: 12 Apr 2019 21:11

Tgt Ion: 75 Resp: 15275
Ion Ratio Lower Upper
75 100
77 39.0 26.9 40.3

