

Data File : VV010313.D
Acq On : 13 Apr 2019 03:41
Operator : SY/MD
Sample : K2328-04
Misc : 5.05G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Apr 13 05:55:42 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	296551	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	284738	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	118499	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	68221	19.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.96%
7) Chloroethane-d5	1.56	69	69843	23.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.24%
10) 1,1-Dichloroethene-d2	2.12	63	99002	11.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.56%
20) 2-Butanone-d5	3.92	46	46951	54.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.70%
24) Chloroform-d	4.39	84	147490	21.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.12%
26) 1,2-Dichloroethane-d4	5.07	65	102427	26.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.24%
29) Benzene-d6	5.09	84	330064	24.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.16%
33) 1,2-Dichloropropane-d6	6.11	67	101914	24.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.84%
37) Toluene-d8	7.36	98	311599	23.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.08%
38) trans-1,3-Dichloropropene-	7.66	79	36736	21.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.32%
39) 2-Hexanone-d5	8.13	63	33101	46.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.86%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	85839	23.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	107287	24.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.08%

Target Compounds

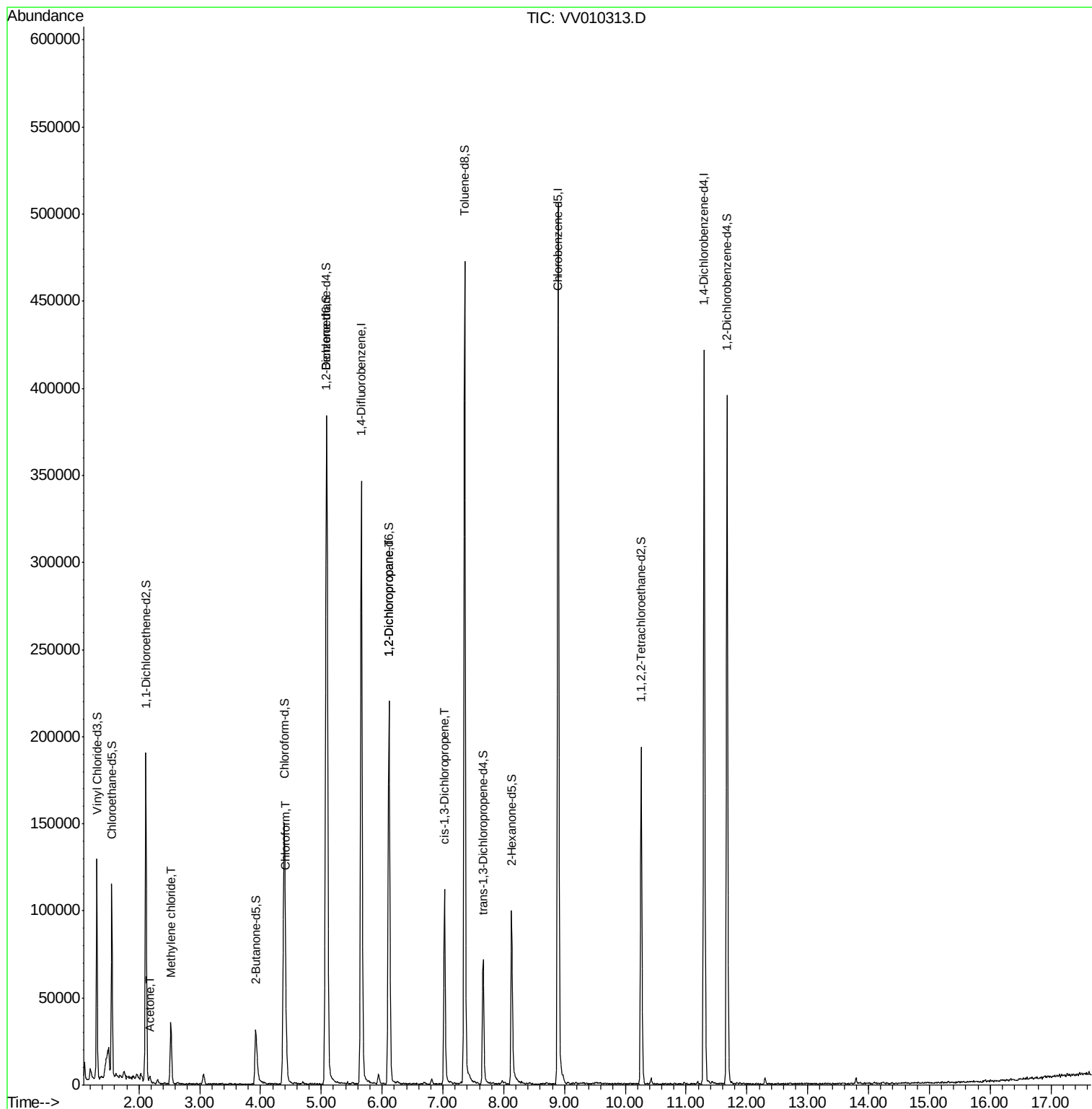
					Qvalue
13) Acetone	2.19	43	1521	1.648 ug/L	87
16) Methylene chloride	2.53	84	14693	2.530 ug/L	97
25) Chloroform	4.42	83	16196	2.230 ug/L	85
40) 1,2-Dichloropropane	6.11	63	12100	3.426 ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	3349	0.626 ug/L	83

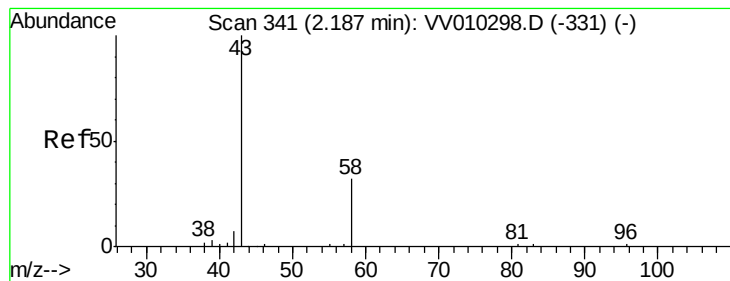
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.648 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV010313.D

Acq: 13 Apr 2019 03:41

Instrument :

MSVOA_V

ClientSampled :

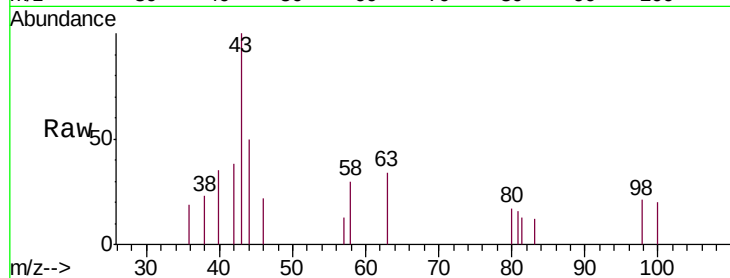
VHBLK01

Tgt Ion: 43 Resp: 1521

Ion Ratio Lower Upper

43 100

58 23.7 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) (-)

2.19

1000

800

600

400

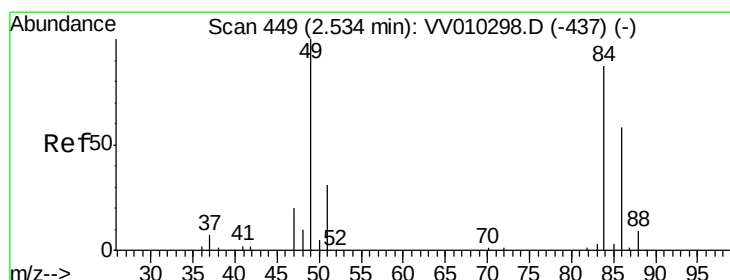
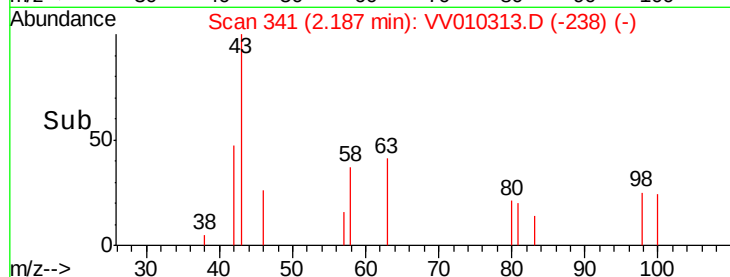
200

0

2.15

2.20

Time-->



#16

Methylene chloride

Concen: 2.530 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.01 min

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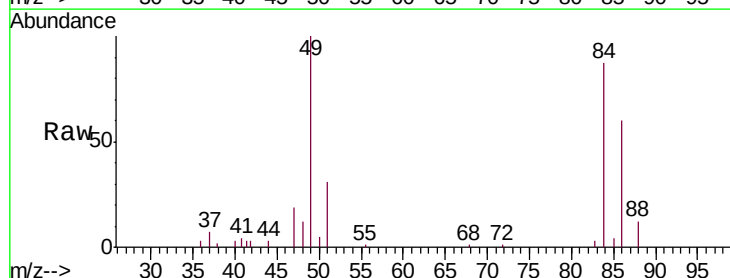
Tgt Ion: 84 Resp: 14693

Ion Ratio Lower Upper

84 100

49 114.5 79.9 148.5

86 68.7 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) (-)

2.53

10000

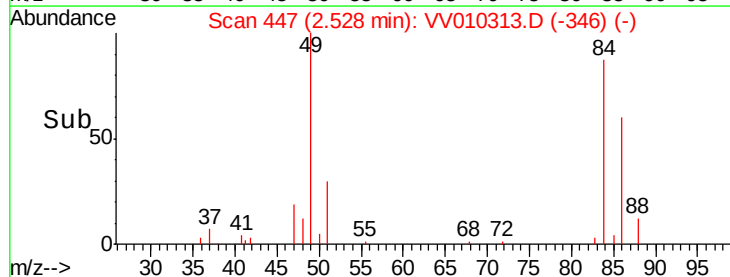
5000

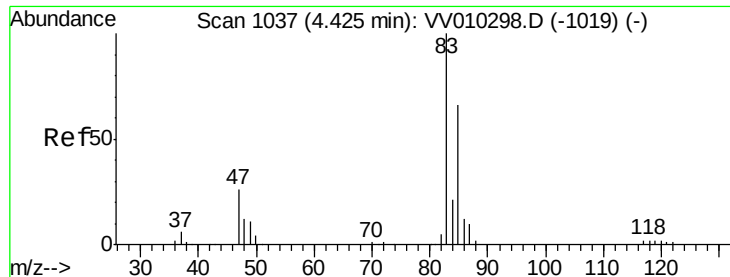
0

2.50

2.55

Time-->

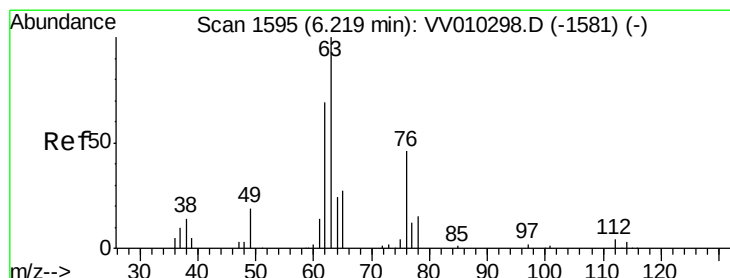
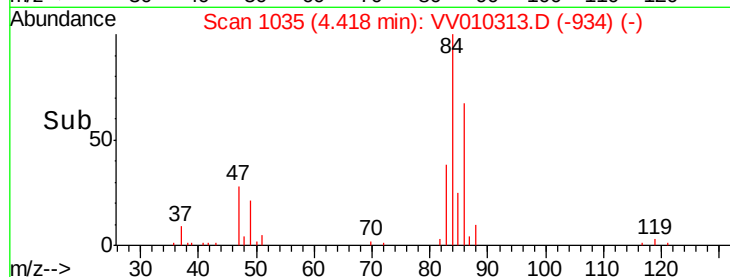
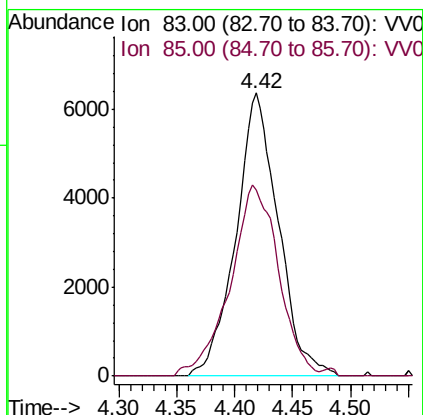
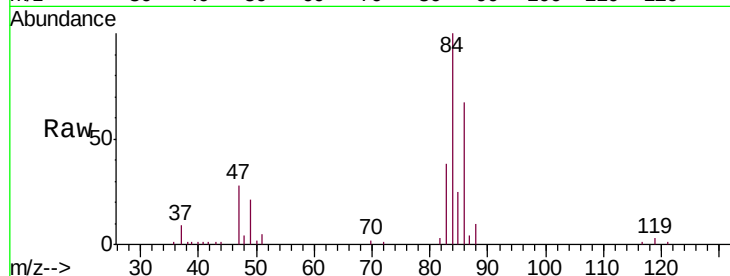




#25
Chloroform
Concen: 2.230 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV010313.D
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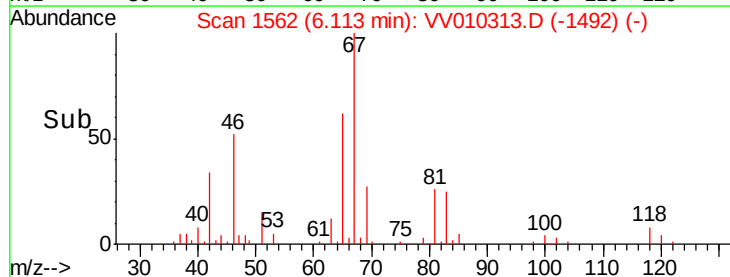
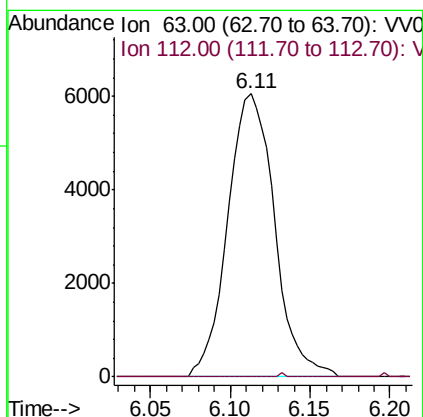
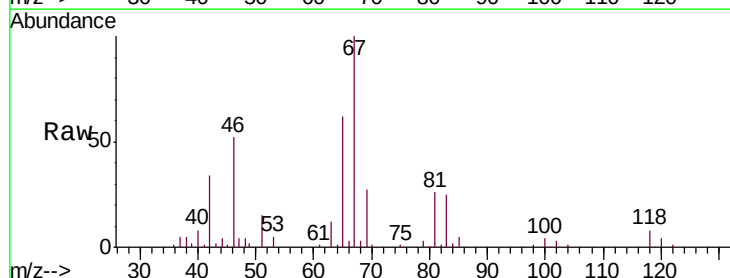
Instrument :
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VHBLK01

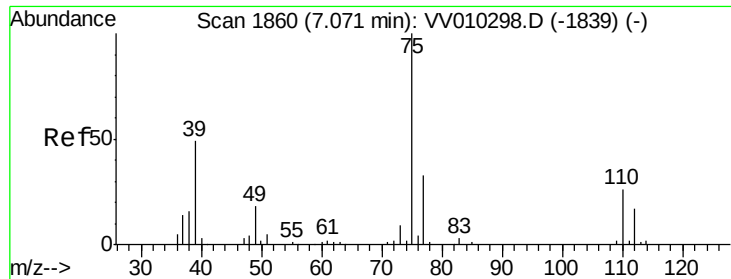
Tgt Ion: 83 Resp: 16196
Ion Ratio Lower Upper
83 100
85 76.8 45.4 84.2



#40
1,2-Dichloropropane
Concen: 3.426 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV010313.D
Acq: 13 Apr 2019 03:41

Tgt Ion: 63 Resp: 12100
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#42
 cis-1,3-Dichloropropene
 Concen: 0.626 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV010313.D
 Acq: 13 Apr 2019 03:41

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tgt Ion: 75 Resp: 3349
 Ion Ratio Lower Upper
 75 100
 77 40.5 21.9 40.7

