

Data File : VV010310.D
Acq On : 13 Apr 2019 02:22
Operator : SY/MD
Sample : K2355-06
Misc : 5.03G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Apr 13 05:55:06 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	301171	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	286227	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	118887	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	73318	21.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.60%
7) Chloroethane-d5	1.55	69	76192	25.57	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.28%
10) 1,1-Dichloroethene-d2	2.19	63	163	0.02	ug/L	0.07
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.08%#
20) 2-Butanone-d5	3.92	46	46715	53.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.50%
24) Chloroform-d	4.39	84	144936	21.07	ug/L	-0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.28%
26) 1,2-Dichloroethane-d4	5.07	65	97613	24.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.68%
29) Benzene-d6	5.09	84	334969	24.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.08%
33) 1,2-Dichloropropane-d6	6.11	67	101041	24.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.44%
37) Toluene-d8	7.36	98	323849	24.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.24%
38) trans-1,3-Dichloropropene-	7.66	79	38421	22.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.80%
39) 2-Hexanone-d5	8.13	63	32883	46.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.76%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	85529	23.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	113086	25.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.04%

Target Compounds

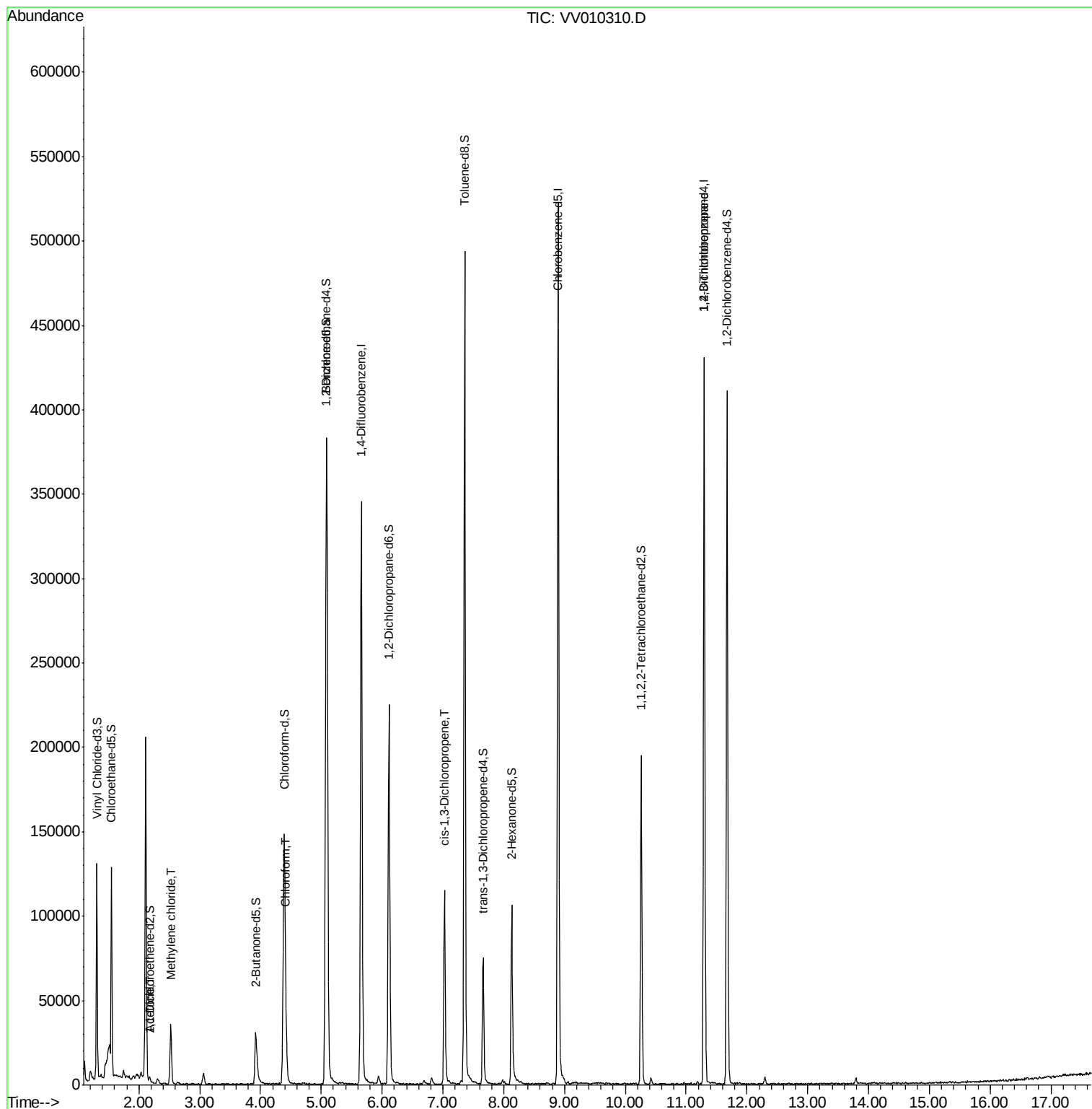
					Qvalue
13) Acetone	2.18	43	1184	1.263 ug/L	65
16) Methylene chloride	2.52	84	14404	2.442 ug/L	87
25) Chloroform	4.42	83	16694	2.263 ug/L	92
42) cis-1,3-Dichloropropene	7.02	75	3812	0.709 ug/L	84
59) 1,2,3-Trichloropropane	11.30	75	14787	5.398 ug/L	96

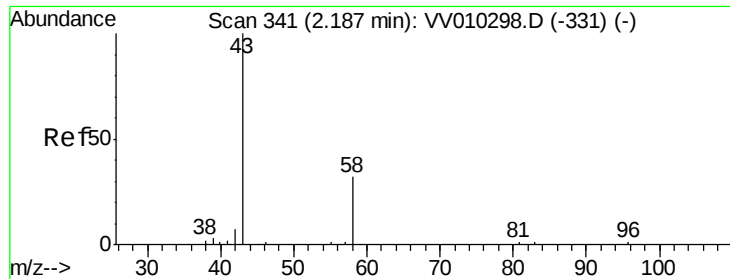
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.263 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV010310.D

Acq: 13 Apr 2019 02:22

Instrument :

MSVOA_V

ClientSampled :

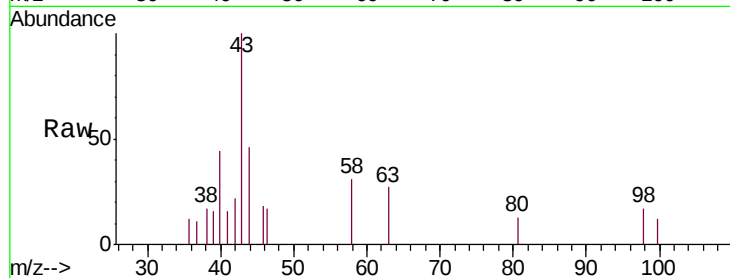
VHBLK01

Tgt Ion: 43 Resp: 1184

Ion Ratio Lower Upper

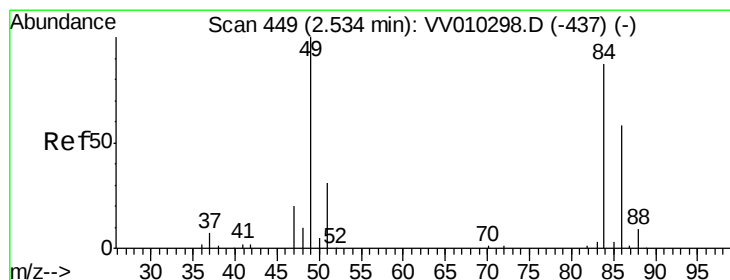
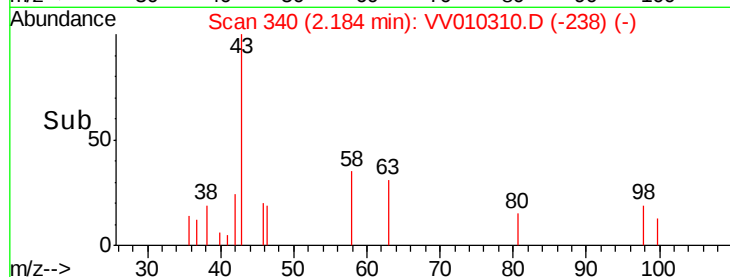
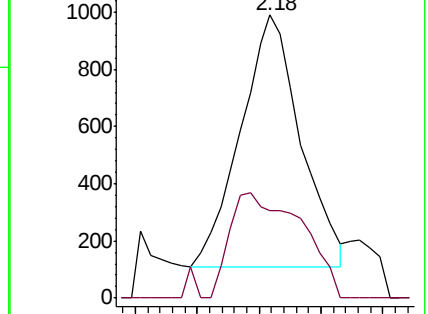
43 100

58 50.3 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) (-)



#16

Methylene chloride

Concen: 2.442 ug/L

RT: 2.52 min Scan# 446

Delta R.T. -0.01 min

Lab File: VV010310.D

Acq: 13 Apr 2019 02:22

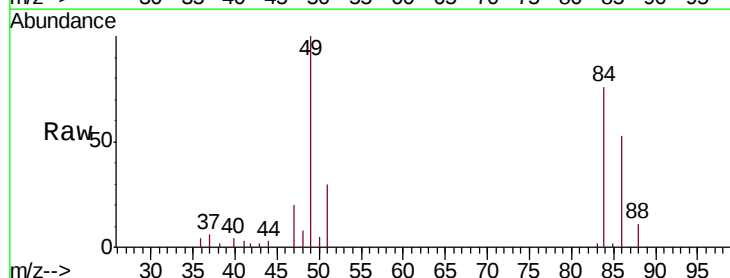
Tgt Ion: 84 Resp: 14404

Ion Ratio Lower Upper

84 100

49 131.7 79.9 148.5

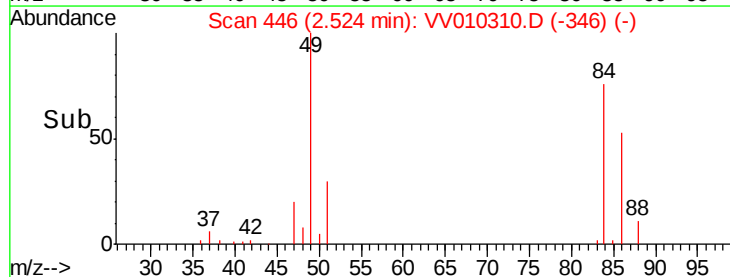
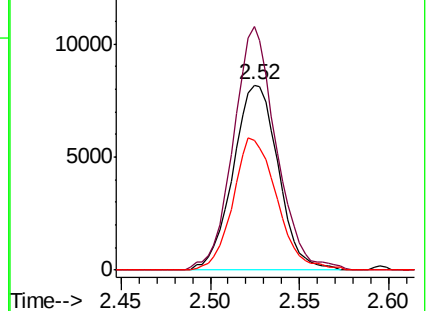
86 70.0 44.5 82.7

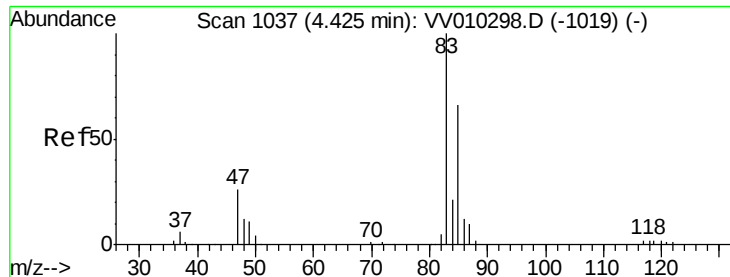


Abundance Ion 84.00 (83.70 to 84.70): VV010298.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010298.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010298.D (-437) (-)

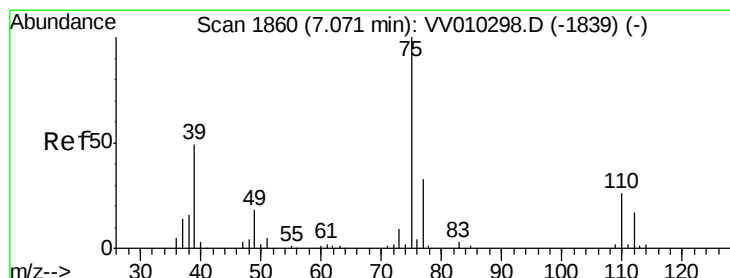
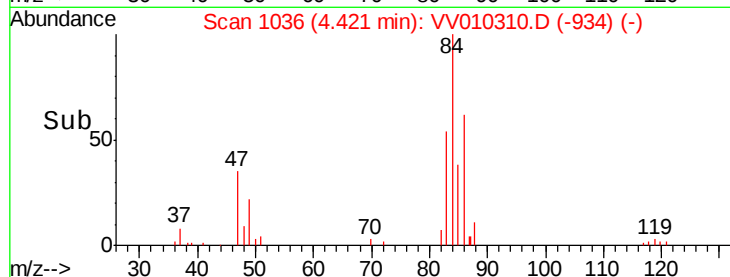
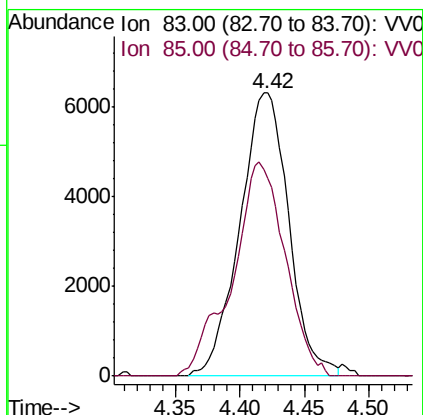
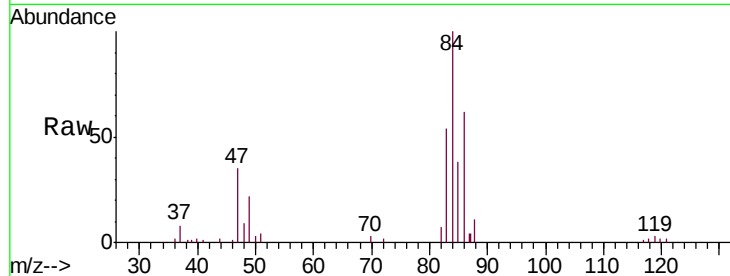




#25
Chloroform
Concen: 2.263 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV010310.D
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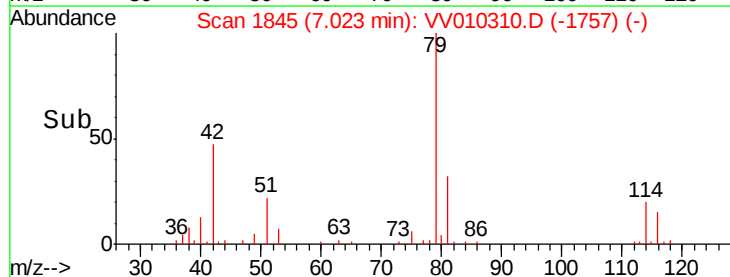
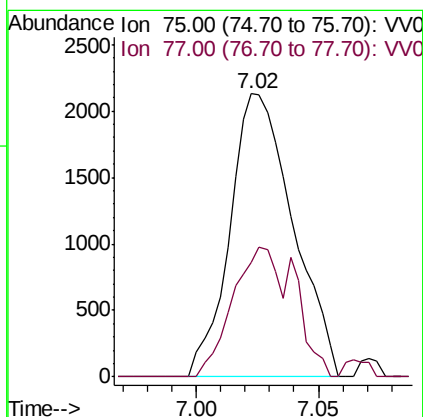
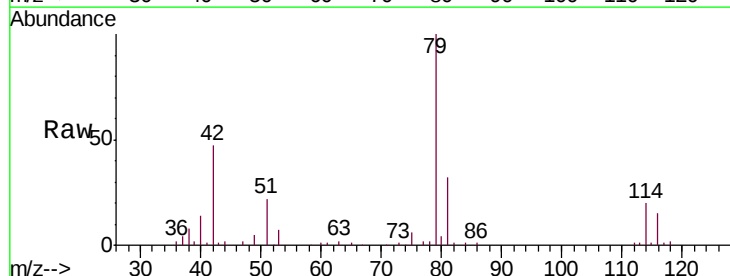
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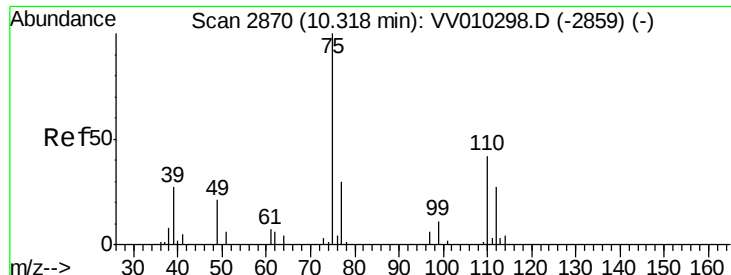
Tgt Ion: 83 Resp: 16694
Ion Ratio Lower Upper
83 100
85 71.2 45.4 84.2



#42
cis-1,3-Dichloropropene
Concen: 0.709 ug/L
RT: 7.02 min Scan# 1845
Delta R.T. -0.05 min
Lab File: VV010310.D
Acq: 13 Apr 2019 02:22

Tgt Ion: 75 Resp: 3812
Ion Ratio Lower Upper
75 100
77 40.3 21.9 40.7





#59
 1,2,3-Trichloropropane
 Concen: 5.398 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010310.D
 Acq: 13 Apr 2019 02:22

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tgt Ion: 75 Resp: 14787
 Ion Ratio Lower Upper
 75 100
 77 35.7 26.9 40.3

