

Data File : VV010312.D
Acq On : 13 Apr 2019 03:14
Operator : SY/MD
Sample : K2327-07
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Apr 13 05:55:31 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	307202	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	290164	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	122055	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	70435	19.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.68%
7) Chloroethane-d5	1.55	69	73410	24.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.60%
10) 1,1-Dichloroethene-d2	2.11	63	98655	10.96	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.84%#
20) 2-Butanone-d5	3.92	46	42159	47.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.22%
24) Chloroform-d	4.39	84	144924	20.66	ug/L	-0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.64%
26) 1,2-Dichloroethane-d4	5.07	65	97040	24.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.16%
29) Benzene-d6	5.09	84	326281	23.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.28%
33) 1,2-Dichloropropane-d6	6.11	67	97538	23.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.76%
37) Toluene-d8	7.36	98	310686	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.08%
38) trans-1,3-Dichloropropene-	7.66	79	38954	22.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.80%
39) 2-Hexanone-d5	8.13	63	30644	42.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.26%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	84539	22.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.52%
61) 1,2-Dichlorobenzene-d4	11.67	152	108054	23.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.88%

Target Compounds

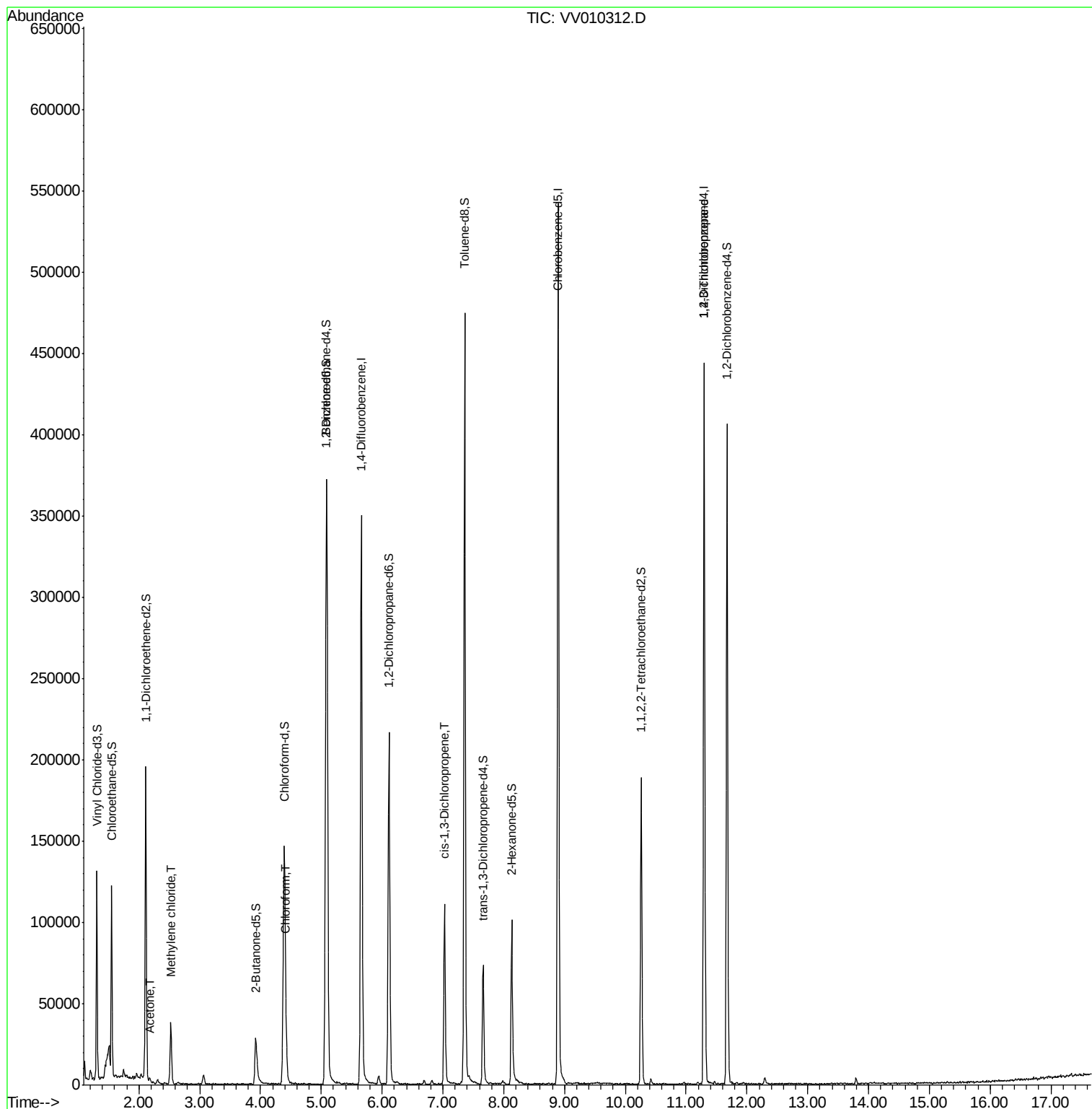
					Qvalue
13) Acetone	2.19	43	1511	1.580 ug/L	96
16) Methylene chloride	2.52	84	16256	2.702 ug/L	95
25) Chloroform	4.42	83	16651	2.213 ug/L	88
42) cis-1,3-Dichloropropene	7.03	75	3268	0.599 ug/L #	36
59) 1,2,3-Trichloropropane	11.30	75	15015	5.407 ug/L	91

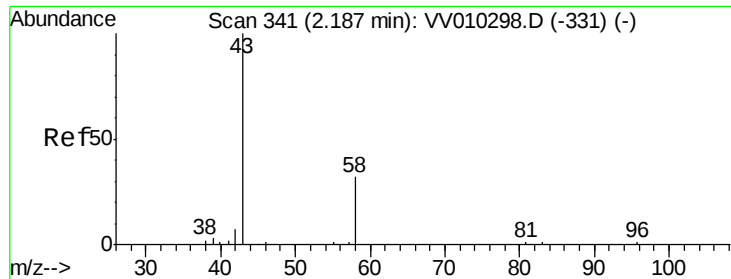
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.580 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV010312.D

Acq: 13 Apr 2019 03:14

Instrument :

MSVOA_V

ClientSampled :

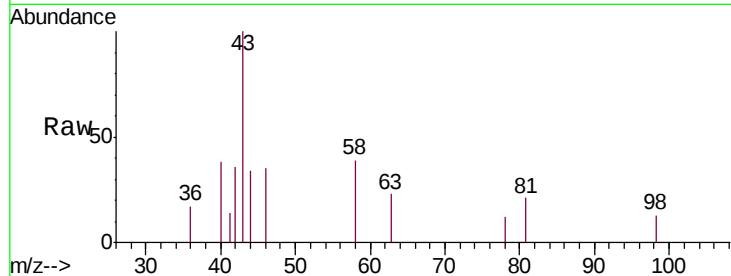
VHBLK01

Tgt Ion: 43 Resp: 1511

Ion Ratio Lower Upper

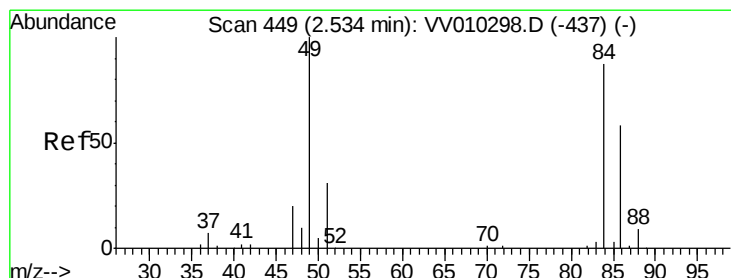
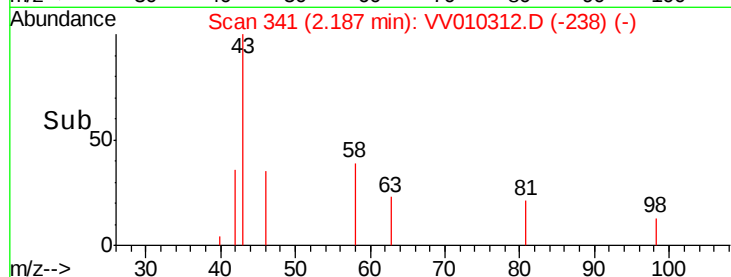
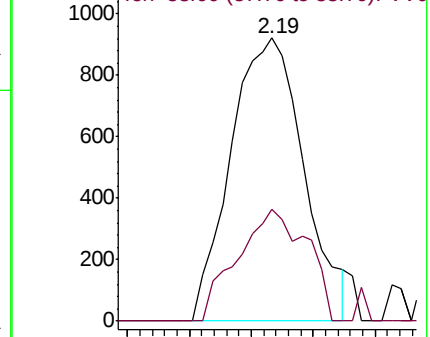
43 100

58 28.7 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) (-)



#16

Methylene chloride

Concen: 2.702 ug/L

RT: 2.52 min Scan# 446

Delta R.T. -0.01 min

Lab File: VV010312.D

Acq: 13 Apr 2019 03:14

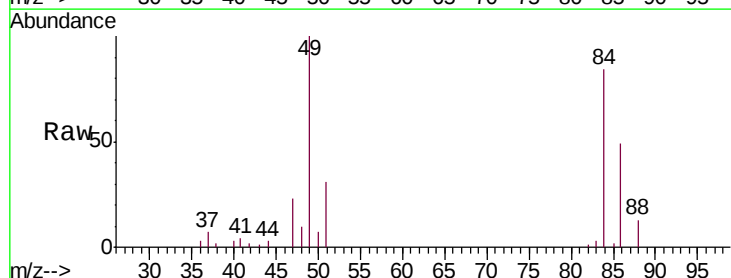
Tgt Ion: 84 Resp: 16256

Ion Ratio Lower Upper

84 100

49 119.5 79.9 148.5

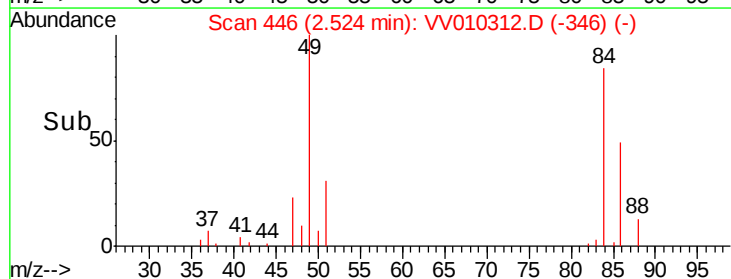
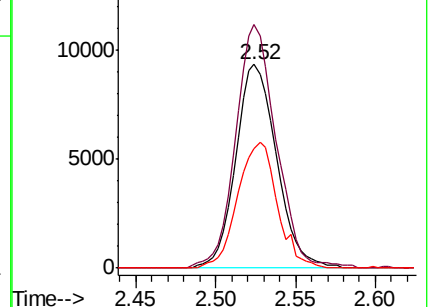
86 58.7 44.5 82.7

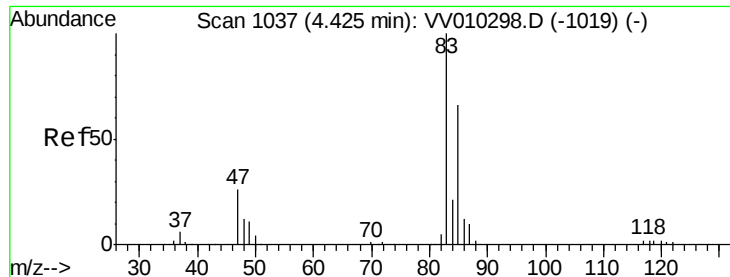


Abundance Ion 84.00 (83.70 to 84.70): VV010298.D (-437) (-)

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

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

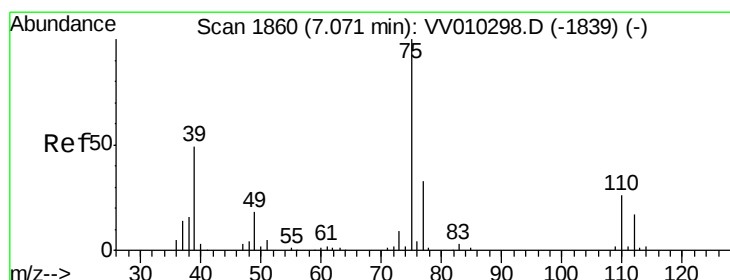
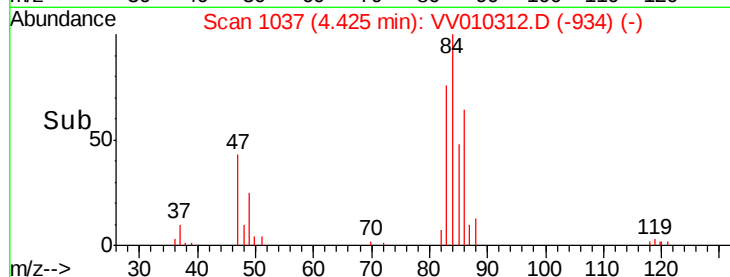
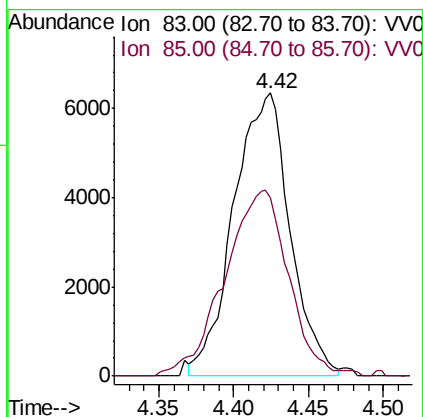
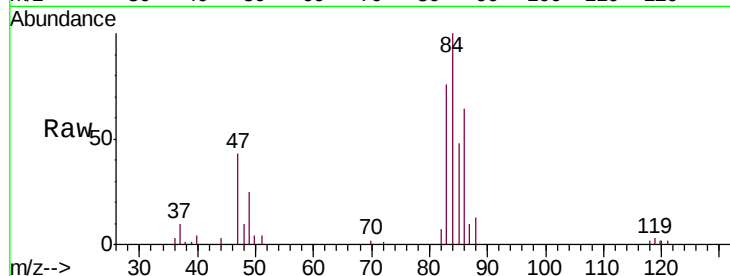




#25
Chloroform
Concen: 2.213 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV010312.D
Acq: 13 Apr 2019 03:14

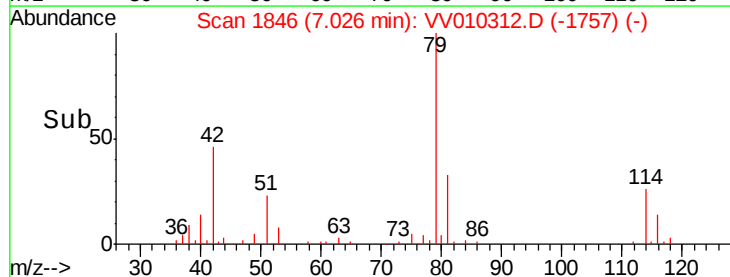
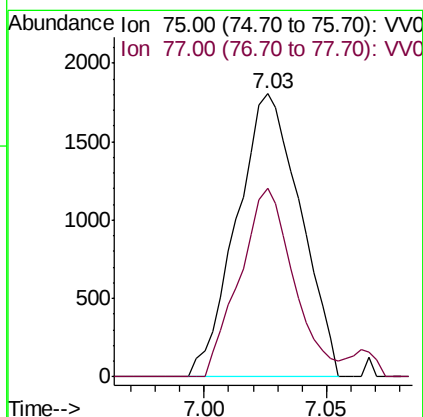
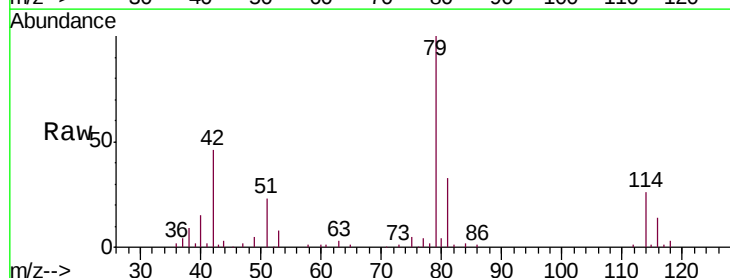
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

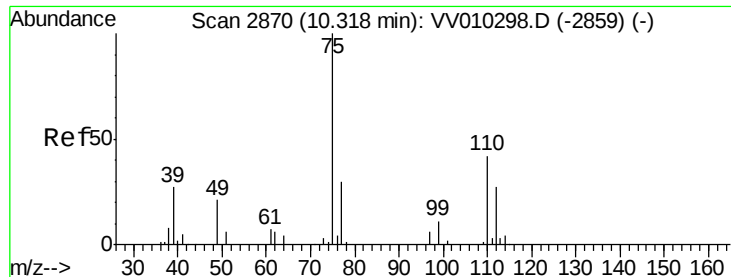
Tgt Ion: 83 Resp: 16651
Ion Ratio Lower Upper
83 100
85 74.0 45.4 84.2



#42
cis-1,3-Dichloropropene
Concen: 0.599 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.05 min
Lab File: VV010312.D
Acq: 13 Apr 2019 03:14

Tgt Ion: 75 Resp: 3268
Ion Ratio Lower Upper
75 100
77 66.7 21.9 40.7#





#59

1,2,3-Trichloropropane

Concen: 5.407 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010312.D

Acq: 13 Apr 2019 03:14

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 15015

Ion Ratio Lower Upper

75 100

77 38.6 26.9 40.3

