

Data File : VV011164.D
Acq On : 31 May 2019 06:09
Operator : SY/MD
Sample : K3017-11
Misc : 5.33G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51E4

Quant Time: May 31 08:25:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 08:21:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	355638	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	291677	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	87799	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	94638	19.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.68%
7) Chloroethane-d5	1.57	69	83413	22.55	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.20%
10) 1,1-Dichloroethene-d2	2.29	63	200	0.02	ug/L	0.17
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.08%#
20) 2-Butanone-d5	3.93	46	72816	41.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.80%
24) Chloroform-d	4.39	84	215739	24.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.28%
26) 1,2-Dichloroethane-d4	5.08	65	131856	23.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.12%
29) Benzene-d6	5.09	84	441820	27.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.56%
33) 1,2-Dichloropropane-d6	6.11	67	146589	28.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.52%
37) Toluene-d8	7.36	98	363102	24.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.20%
38) trans-1,3-Dichloropropene-	7.66	79	48443	21.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.36%
39) 2-Hexanone-d5	8.13	63	54099	46.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.80%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	98047	21.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.76%
61) 1,2-Dichlorobenzene-d4	11.67	152	74213	22.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.36%

Target Compounds

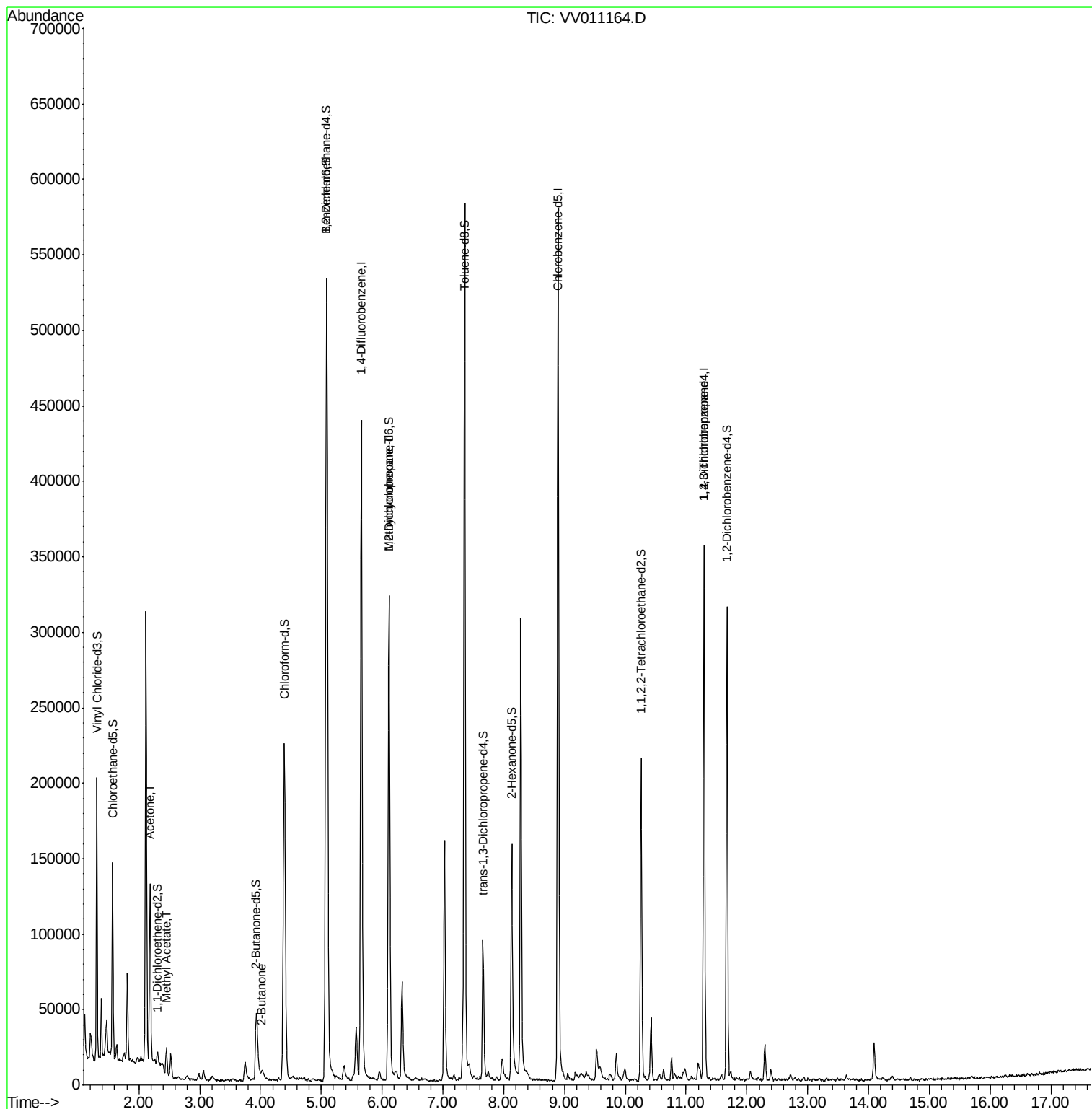
						Qvalue
13) Acetone	2.18	43	114873	56.146	ug/L	99
15) Methyl Acetate	2.45	43	22250	7.227	ug/L	93
21) 2-Butanone	4.03	43	8349	3.478	ug/L	99
36) Methylcyclohexane	6.11	83	33596	4.379	ug/L #	17
59) 1,2,3-Trichloropropane	11.29	75	13906	3.817	ug/L	92

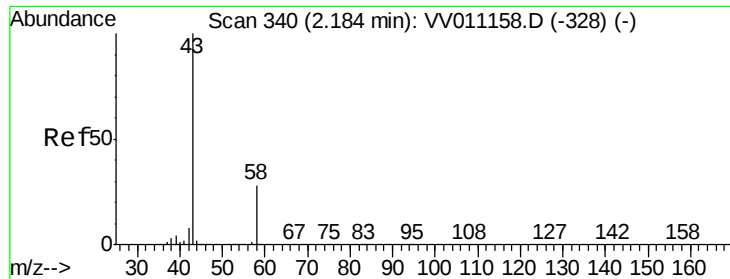
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 56.146 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

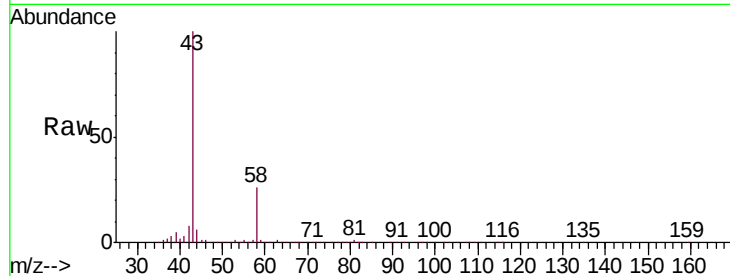
A51E4

Tgt Ion: 43 Resp: 114873

Ion Ratio Lower Upper

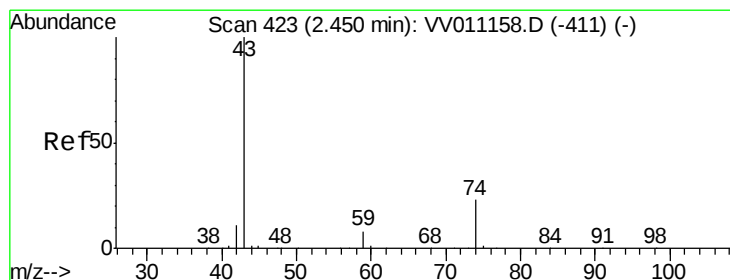
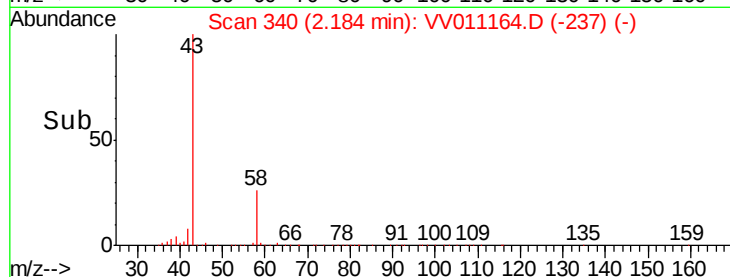
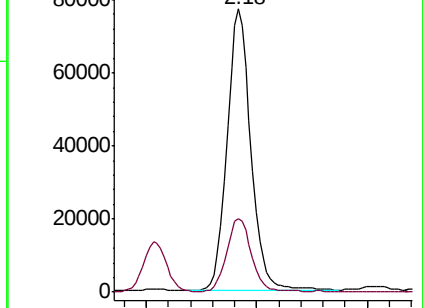
43 100

58 26.6 0.0 53.8



Abundance Ion 43.00 (42.70 to 43.70): VV011158.D (-328) (-)

Ion 58.00 (57.70 to 58.70): VV011158.D (-328) (-)



#15

Methyl Acetate

Concen: 7.227 ug/L

RT: 2.45 min Scan# 423

Delta R.T. -0.00 min

Lab File: VV011164.D

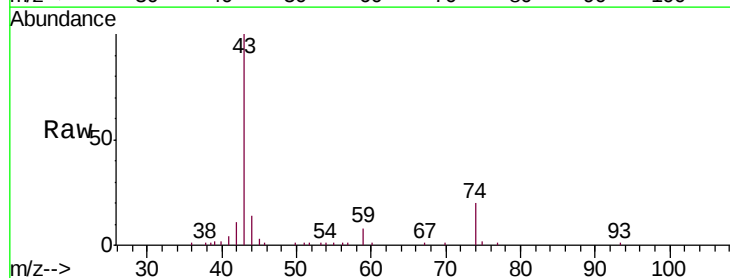
Acq: 31 May 2019 06:09

Tgt Ion: 43 Resp: 22250

Ion Ratio Lower Upper

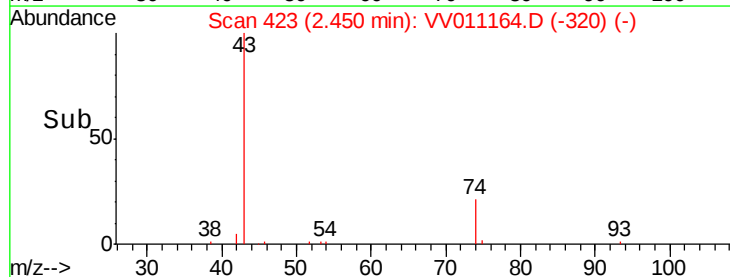
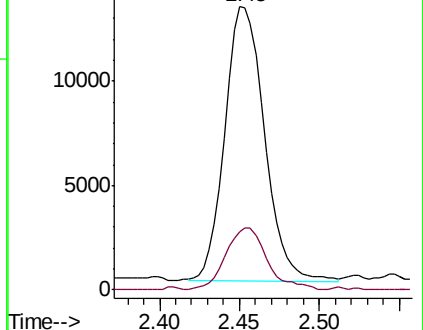
43 100

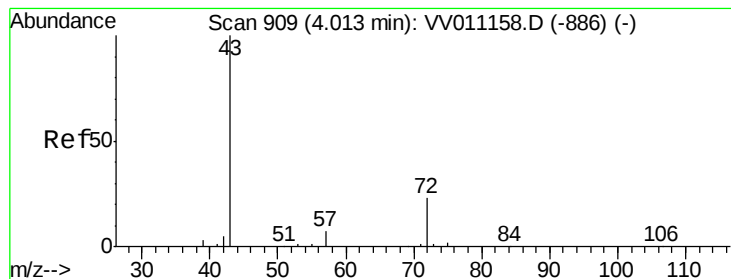
74 23.7 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VV011158.D (-411) (-)

Ion 74.00 (73.70 to 74.70): VV011158.D (-411) (-)





#21

2-Butanone

Concen: 3.478 ug/L

RT: 4.03 min Scan# 913

Delta R.T. 0.01 min

Lab File: VV011164.D

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Instrument :

MSVOA_V

ClientSampleId :

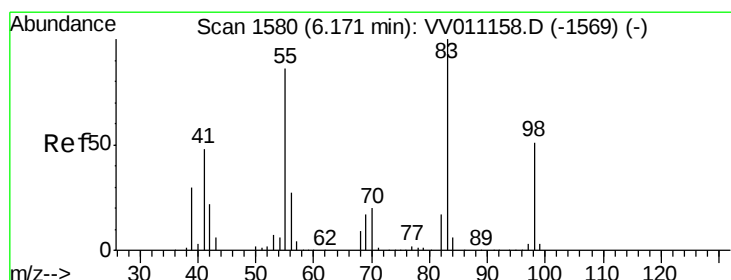
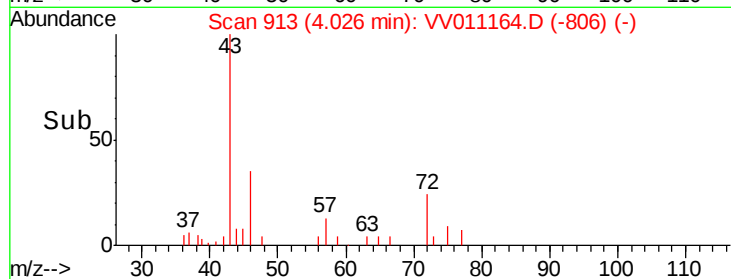
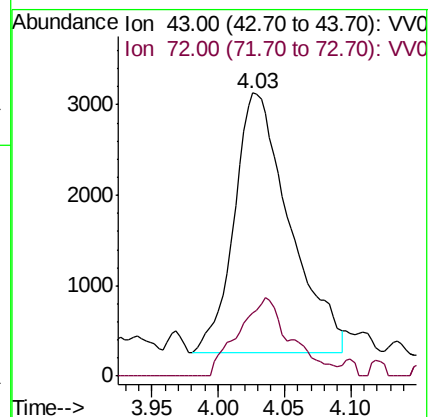
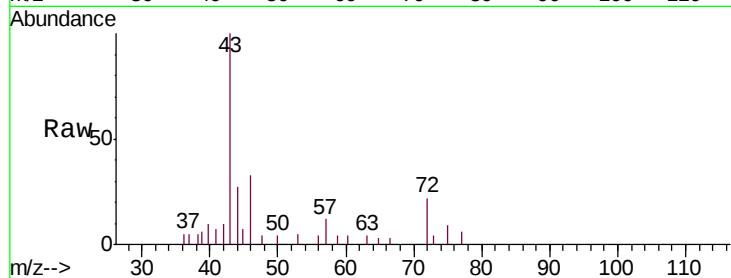
A51E4

Tgt Ion: 43 Resp: 8349

Ion Ratio Lower Upper

43 100

72 22.5 11.1 33.3



#36

Methylcyclohexane

Concen: 4.379 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV011164.D

Acq: 31 May 2019 06:09

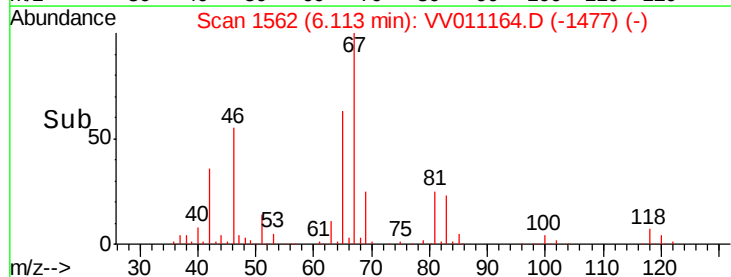
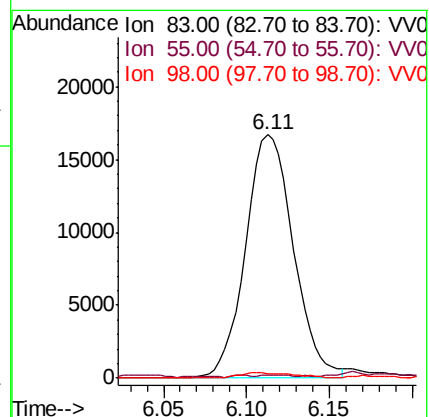
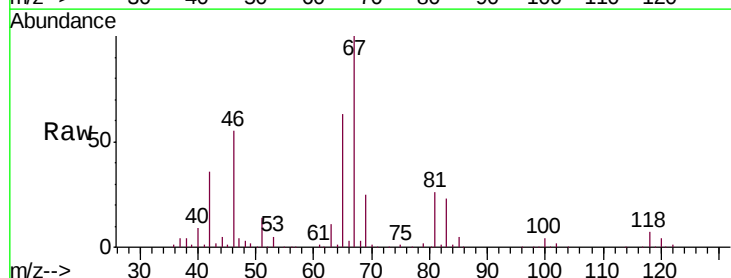
Tgt Ion: 83 Resp: 33596

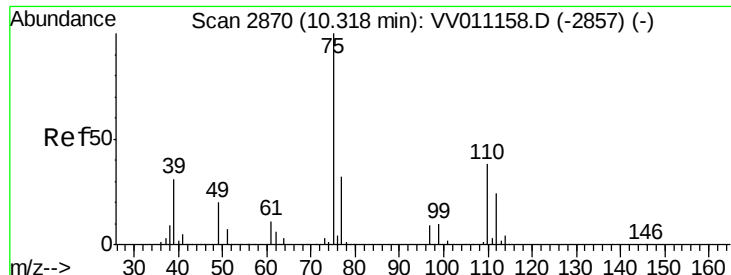
Ion Ratio Lower Upper

83 100

55 0.2 66.4 99.6#

98 1.5 37.9 56.9#





#59

1,2,3-Trichloropropane

Concen: 3.817 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV011164.D

Acq: 31 May 2019 06:09

Instrument :

MSVOA_V

ClientSampleId :

A51E4

Tgt Ion: 75 Resp: 13906

Ion Ratio Lower Upper

75 100

77 36.6 25.7 38.5

