

Data File : VV011144.D
Acq On : 30 May 2019 19:08
Operator : SY/MD
Sample : K3017-23
Misc : 5.62G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51H8

Quant Time: May 31 01:48:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 01:43:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	306358	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	261081	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78627	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94080	22.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.80%
7) Chloroethane-d5	1.56	69	80038	25.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.48%
10) 1,1-Dichloroethene-d2	2.12	63	146109	17.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.68%
20) 2-Butanone-d5	3.93	46	104247	68.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.62%#
24) Chloroform-d	4.40	84	202079	26.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.92%
26) 1,2-Dichloroethane-d4	5.08	65	139509	28.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.36%
29) Benzene-d6	5.09	84	409621	28.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.56%
33) 1,2-Dichloropropane-d6	6.11	67	140385	30.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.60%#
37) Toluene-d8	7.36	98	345187	25.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.20%
38) trans-1,3-Dichloropropene-	7.66	79	52123	25.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.40%
39) 2-Hexanone-d5	8.13	63	77754	75.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.60%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	114926	28.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	70880	24.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.36%

Target Compounds

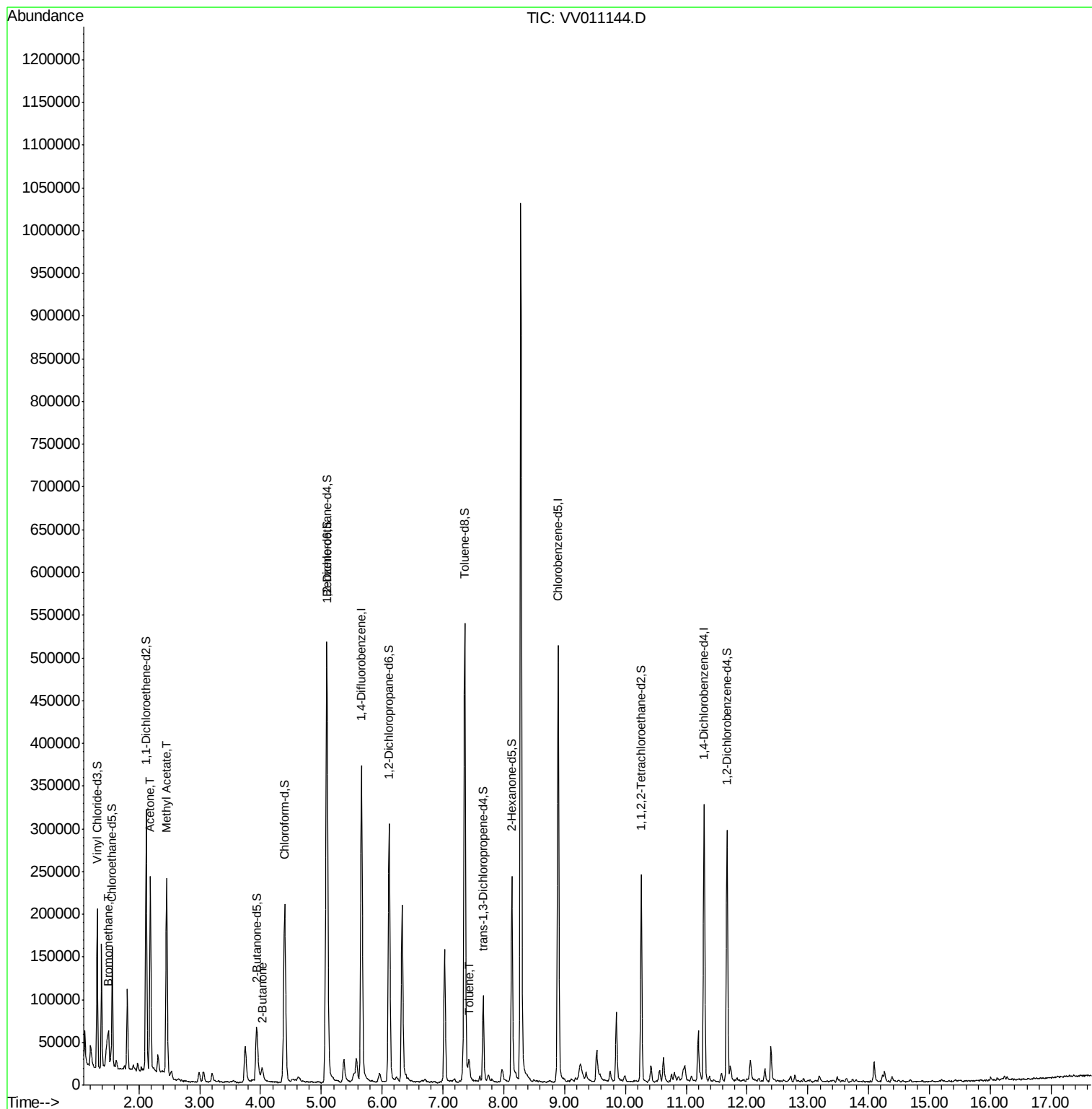
					Qvalue
6) Bromomethane	1.51	94	2149	0.827 ug/L	98
13) Acetone	2.19	43	216206	122.674 ug/L	98
15) Methyl Acetate	2.45	43	240191	90.570 ug/L	99
21) 2-Butanone	4.03	43	23076	11.160 ug/L	77
44) Toluene	7.43	91	13417	0.794 ug/L	88

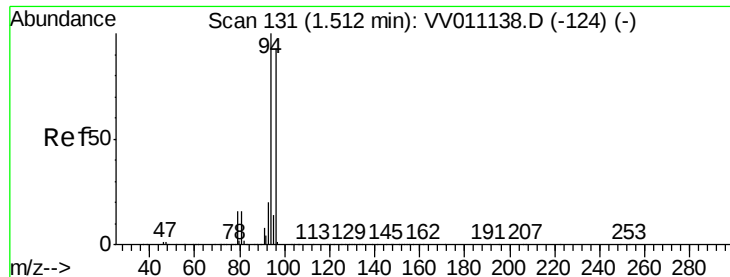
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV011144.D
Acq On : 30 May 2019 19:08
Operator : SY/MD
Sample : K3017-23
Misc : 5.62G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51H8

Quant Time: May 31 01:48:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 01:43:46 2019
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.827 ug/L

RT: 1.51 min Scan# 130

Delta R.T. -0.00 min

Lab File: VV011144.D

Acq: 30 May 2019 19:08

Instrument :

MSVOA_V

ClientSampleId :

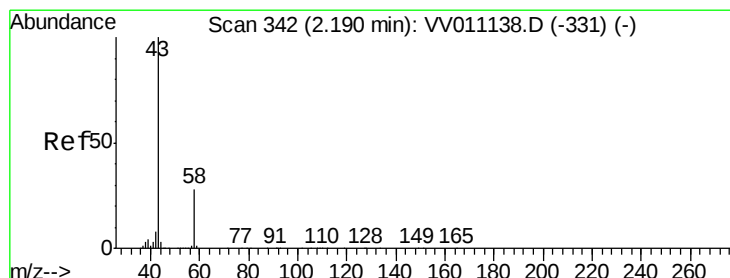
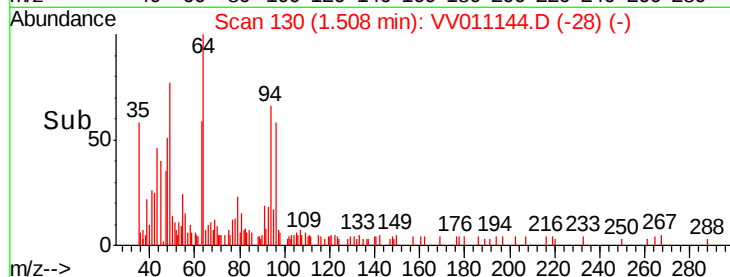
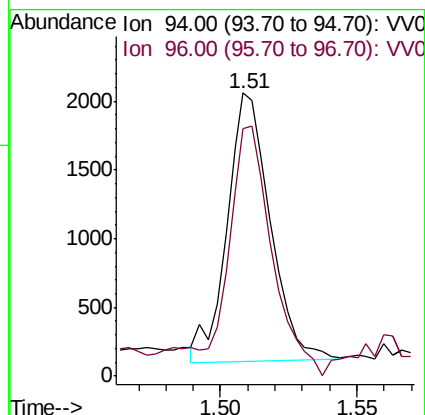
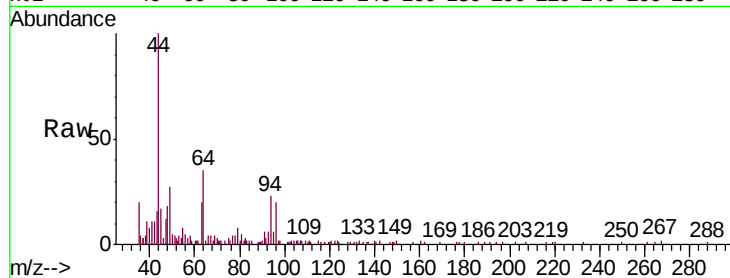
A51H8

Tgt Ion: 94 Resp: 2149

Ion Ratio Lower Upper

94 100

96 92.5 9.4 179.5



#13

Acetone

Concen: 122.674 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV011144.D

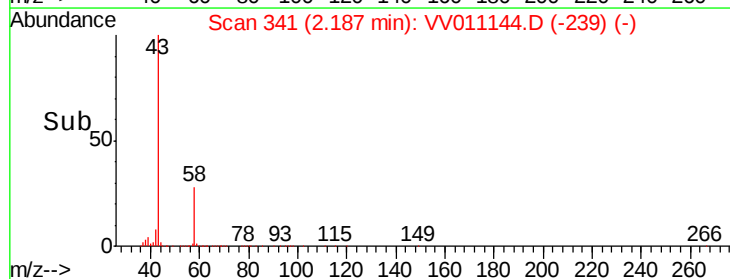
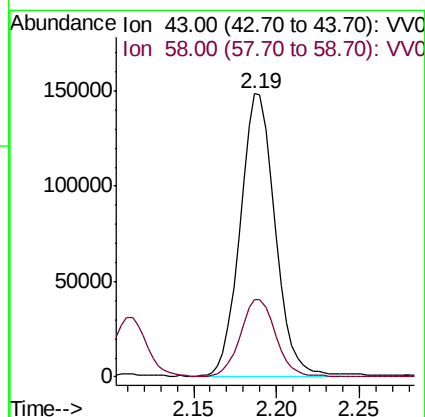
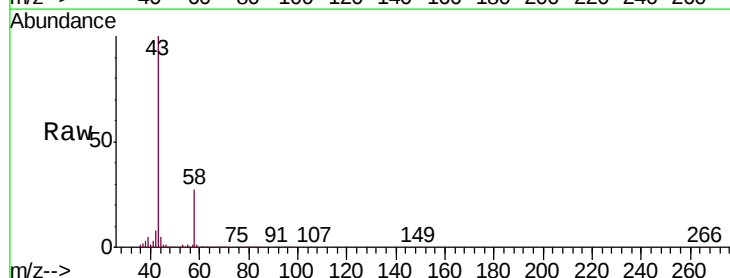
Acq: 30 May 2019 19:08

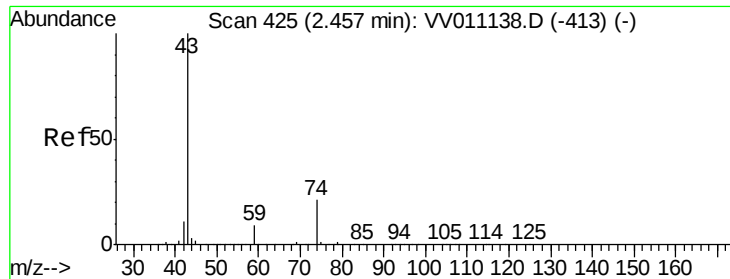
Tgt Ion: 43 Resp: 216206

Ion Ratio Lower Upper

43 100

58 27.7 0.0 53.8





#15

Methyl Acetate

Concen: 90.570 ug/L

RT: 2.45 min Scan# 424

Delta R.T. -0.00 min

Lab File: VV011144.D

Acq: 30 May 2019 19:08

Instrument :

MSVOA_V

ClientSampled :

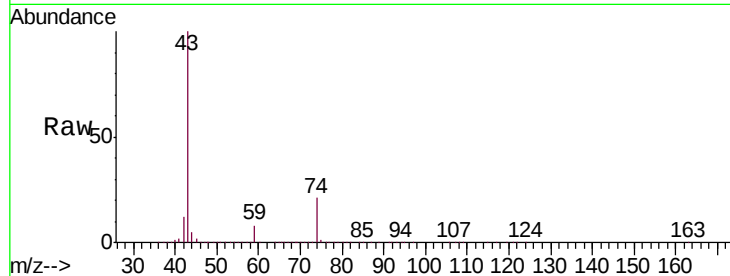
A51H8

Tgt Ion: 43 Resp: 240191

Ion Ratio Lower Upper

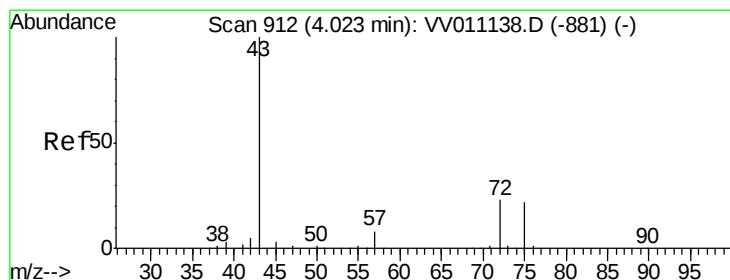
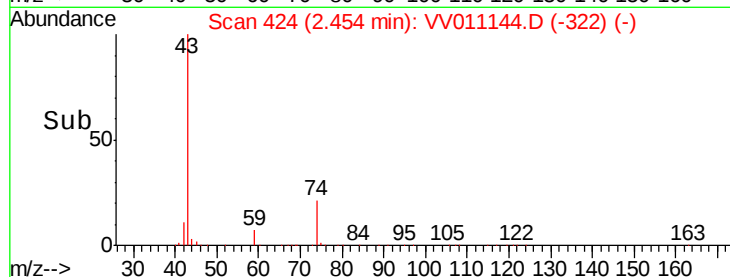
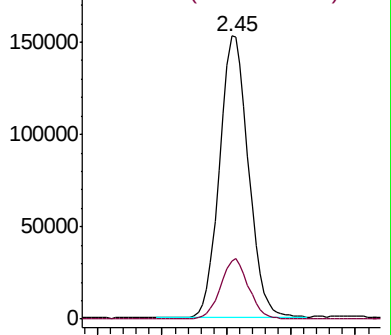
43 100

74 20.8 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0



#21

2-Butanone

Concen: 11.160 ug/L

RT: 4.03 min Scan# 913

Delta R.T. 0.00 min

Lab File: VV011144.D

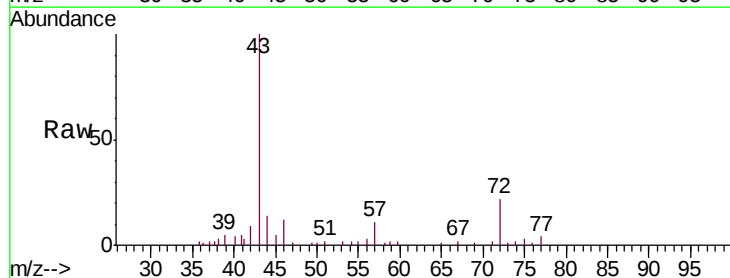
Acq: 30 May 2019 19:08

Tgt Ion: 43 Resp: 23076

Ion Ratio Lower Upper

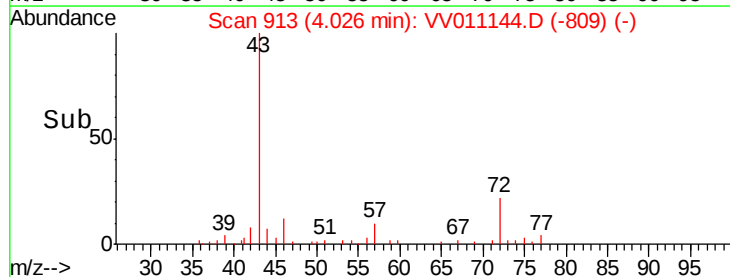
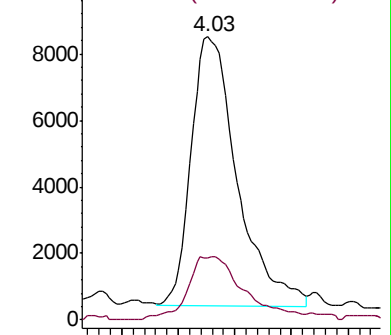
43 100

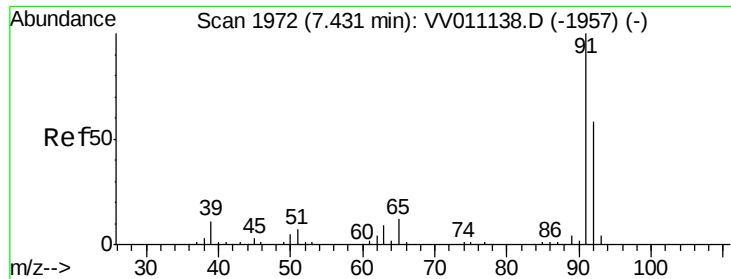
72 11.1 11.1 33.3



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0





#44

Toluene

Concen: 0.794 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011144.D

Acq: 30 May 2019 19:08

Instrument :

MSVOA_V

ClientSampleId :

A51H8

Tgt Ion: 91 Resp: 13417

Ion Ratio Lower Upper

91 100

92 48.0 39.9 74.1

