

Data File : VV011047.D
Acq On : 24 May 2019 02:43
Operator : SY/MD
Sample : K3016-15
Misc : 5.31G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51D2

Quant Time: May 24 09:07:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 09:03:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	87535	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	83391	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	27353	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17469	17.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.04%
7) Chloroethane-d5	1.56	69	14513	21.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.92%
10) 1,1-Dichloroethene-d2	2.12	63	26153	13.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.52%
20) 2-Butanone-d5	3.94	46	34044	98.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	197.74%#
24) Chloroform-d	4.40	84	60361	26.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.48%
26) 1,2-Dichloroethane-d4	5.08	65	36663	27.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.76%
29) Benzene-d6	5.10	84	109893	24.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.56%
33) 1,2-Dichloropropane-d6	6.12	67	39808	27.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.08%
37) Toluene-d8	7.36	98	89186	21.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.28%
38) trans-1,3-Dichloropropene-	7.66	79	14088	23.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.88%
39) 2-Hexanone-d5	8.13	63	27462	101.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	203.58%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	48267	33.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	133.68%#
61) 1,2-Dichlorobenzene-d4	11.67	152	24941	22.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.84%

Target Compounds

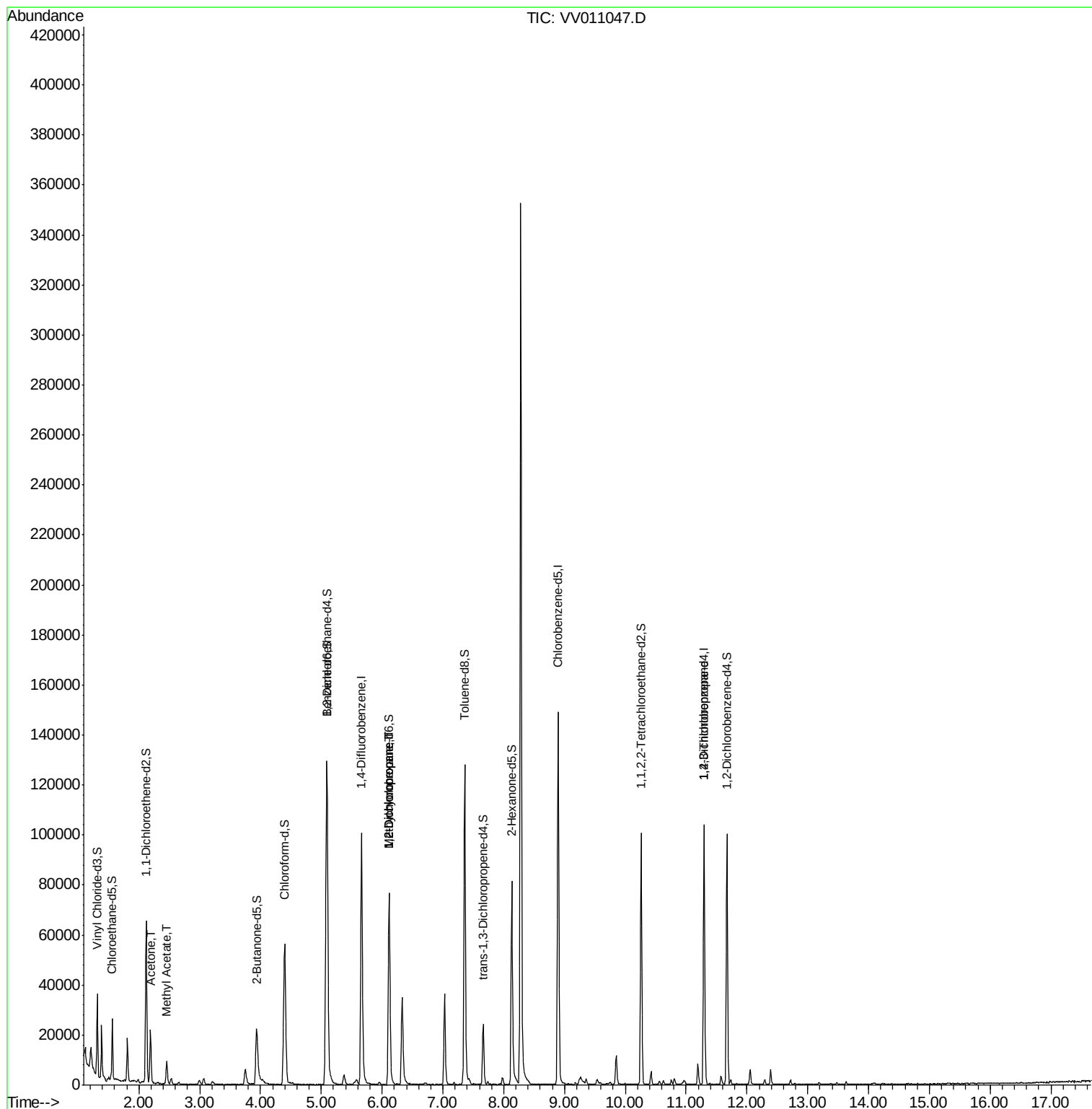
					Qvalue
13) Acetone	2.19	43	19306	58.139	ug/L 91
15) Methyl Acetate	2.46	43	9457	14.823	ug/L 99
36) Methylcyclohexane	6.12	83	9115	4.642	ug/L # 21
40) 1,2-Dichloropropane	6.12	63	4154	3.288	ug/L # 86
59) 1,2,3-Trichloropropane	11.30	75	4058	3.897	ug/L 99

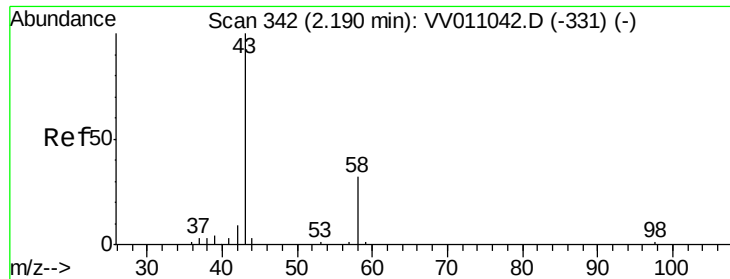
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 58.139 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Acq: 24 May 2019 02:43

Instrument :

MSVOA_V

ClientSampled :

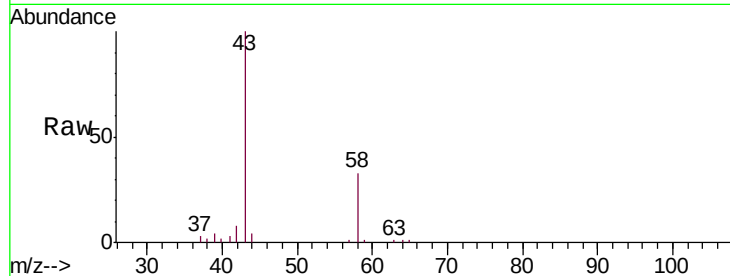
A51D2

Tgt Ion: 43 Resp: 19306

Ion Ratio Lower Upper

43 100

58 35.0 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV011042.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV011042.D (-331) (-)

2.19

15000

10000

5000

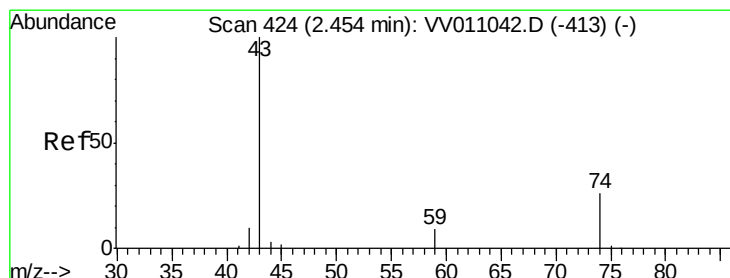
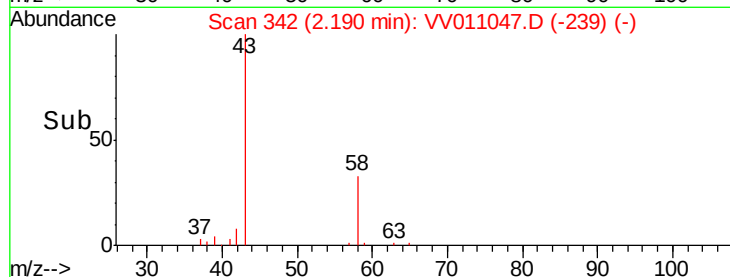
0

2.15

2.20

2.25

Time-->



#15

Methyl Acetate

Concen: 14.823 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.01 min

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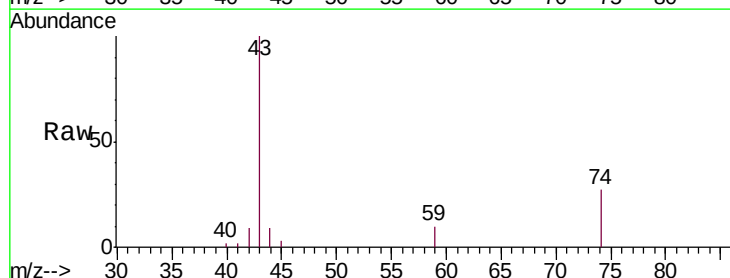
Acq: 24 May 2019 02:43

Tgt Ion: 43 Resp: 9457

Ion Ratio Lower Upper

43 100

74 26.7 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VV011047.D (-321) (-)

Ion 74.00 (73.70 to 74.70): VV011047.D (-321) (-)

2.46

6000

4000

2000

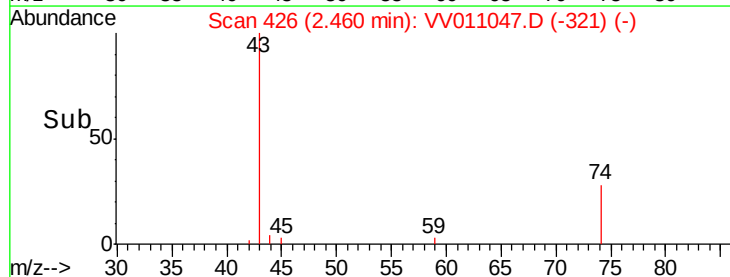
0

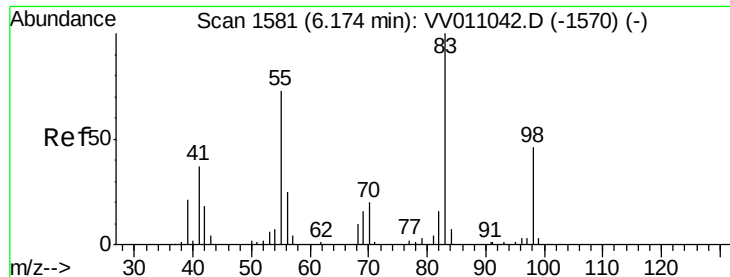
2.40

2.45

2.50

Time-->

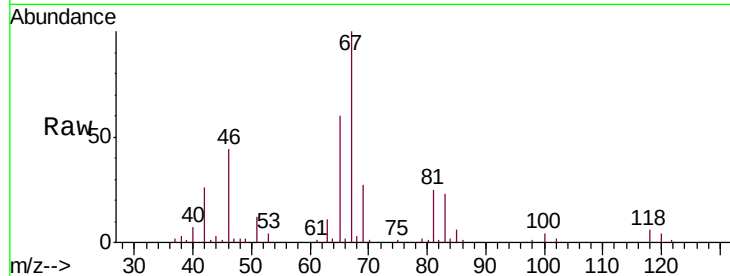




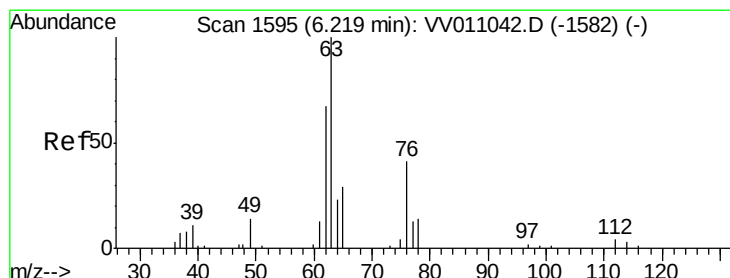
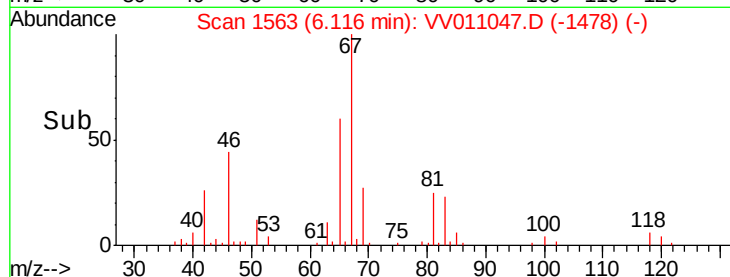
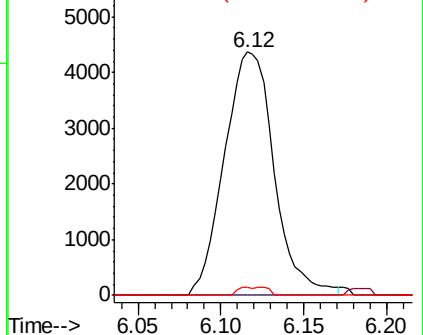
#36
Methylcyclohexane
Concen: 4.642 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
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Instrument :
MSVOA_V
ClientSampleId :
A51D2

Tgt Ion: 83 Resp: 9115
Ion Ratio Lower Upper
83 100
55 0.0 57.0 85.4#
98 1.1 36.2 54.4#

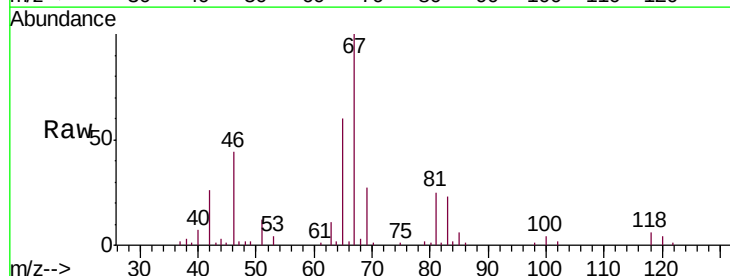


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

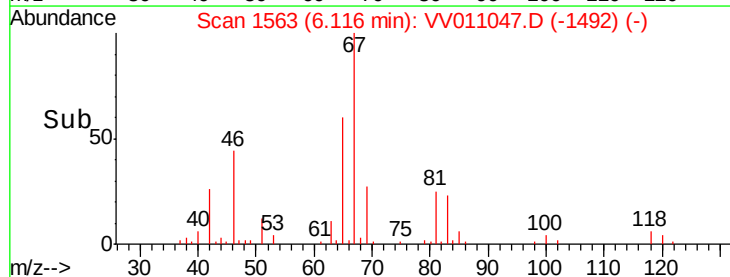
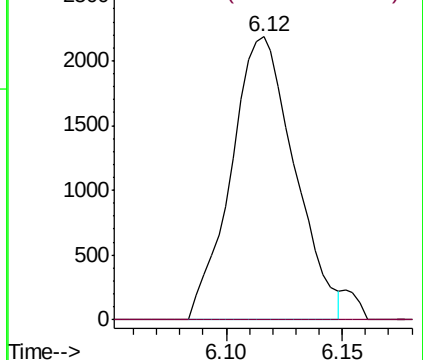


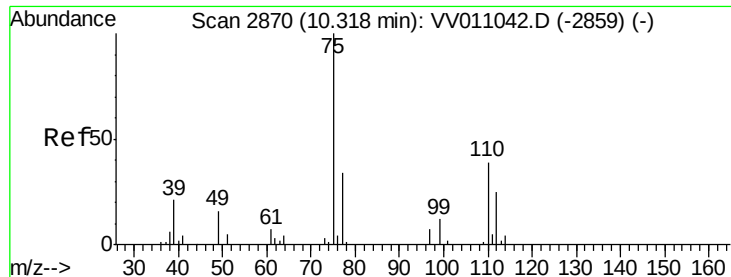
#40
1,2-Dichloropropane
Concen: 3.288 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011047.D
Acq: 24 May 2019 02:43

Tgt Ion: 63 Resp: 4154
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 3.897 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV011047.D

Acq: 24 May 2019 02:43

Instrument :

MSVOA_V

ClientSampleId :

A51D2

Tgt Ion: 75 Resp: 4058

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2

