

Data File : VV011126.D
Acq On : 30 May 2019 02:06
Operator : SY/MD
Sample : KK3017-16
Misc : 4.21G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51E9

Quant Time: May 30 04:53:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Thu May 30 04:49:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	247739	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	184452	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43185	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	77635	22.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.44%
7) Chloroethane-d5	1.56	69	62083	25.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.44%
10) 1,1-Dichloroethene-d2	2.12	63	115092	18.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.88%
20) 2-Butanone-d5	3.93	46	81455	69.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.16%#
24) Chloroform-d	4.55	84	265	0.04	ug/L	0.15
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.16%#
26) 1,2-Dichloroethane-d4	5.07	65	94871	24.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.80%
29) Benzene-d6	5.09	84	299785	27.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.04%
33) 1,2-Dichloropropane-d6	6.11	67	98524	28.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.68%
37) Toluene-d8	7.36	98	251103	25.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.88%
38) trans-1,3-Dichloropropene-	7.66	79	38721	24.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.76%
39) 2-Hexanone-d5	8.13	63	57075	76.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	152.48%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	78598	26.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.40%
61) 1,2-Dichlorobenzene-d4	11.67	152	38210	22.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.48%

Target Compounds

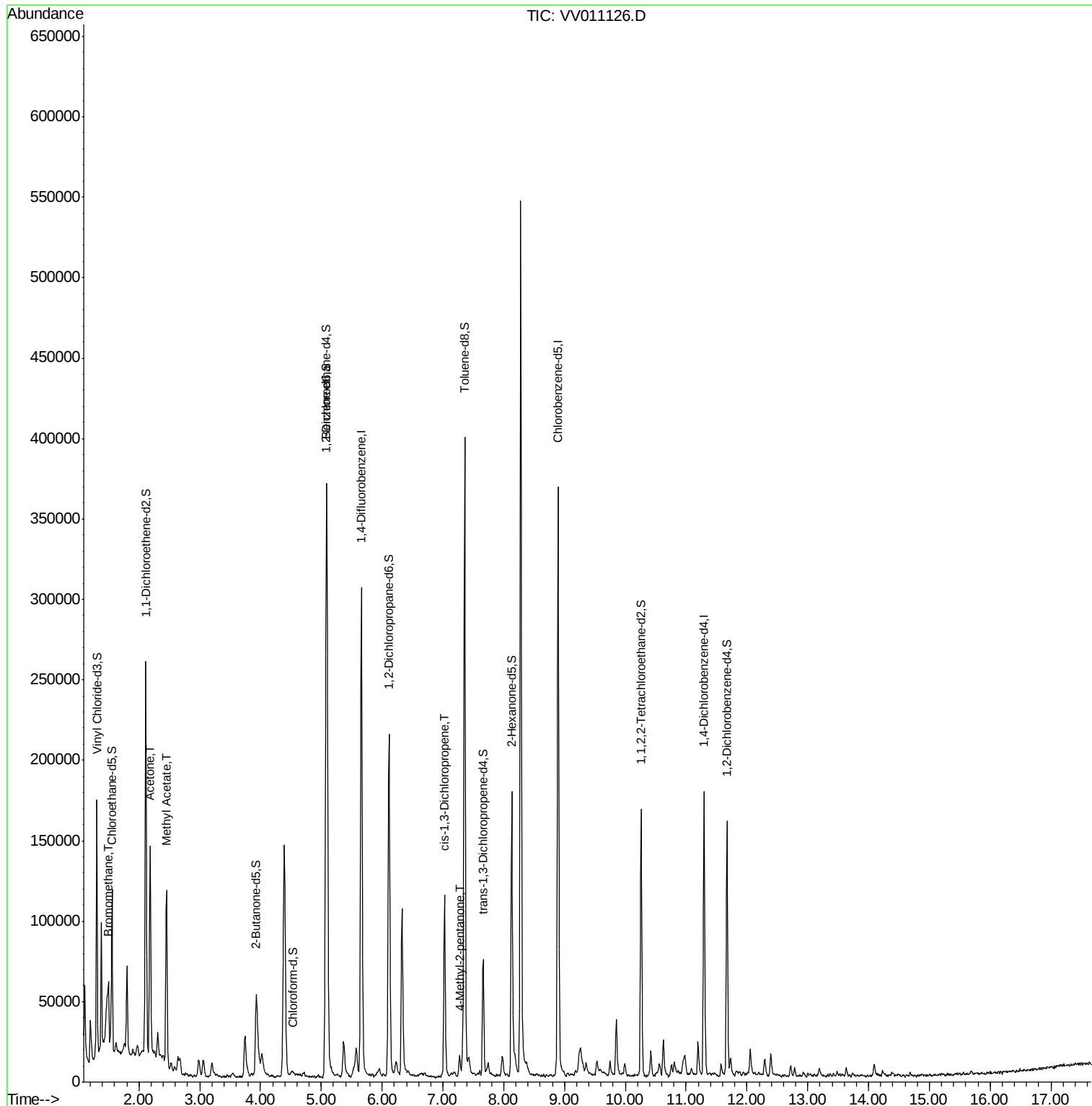
					Qvalue
6) Bromomethane	1.51	94	2570	1.622 ug/L	95
13) Acetone	2.18	43	128006	96.522 ug/L	100
15) Methyl Acetate	2.45	43	121660	63.556 ug/L #	100
42) cis-1,3-Dichloropropene	7.03	75	2979	0.627 ug/L	85
43) 4-Methyl-2-pentanone	7.27	43	8599	3.299 ug/L	92

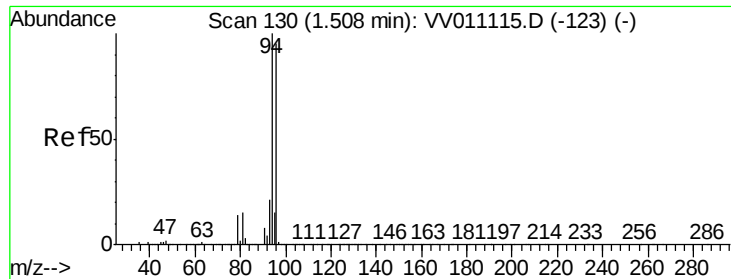
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 1.622 ug/L

RT: 1.51 min Scan# 129

Delta R.T. -0.00 min

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Acq: 30 May 2019 02:06

Instrument :

MSVOA_V

ClientSampled :

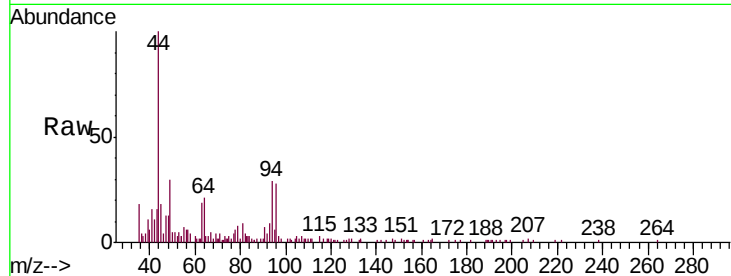
A51E9

Tgt Ion: 94 Resp: 2570

Ion Ratio Lower Upper

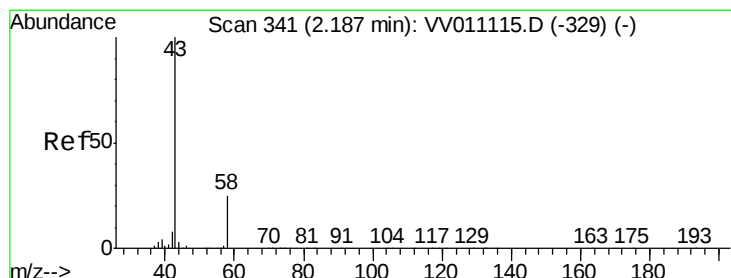
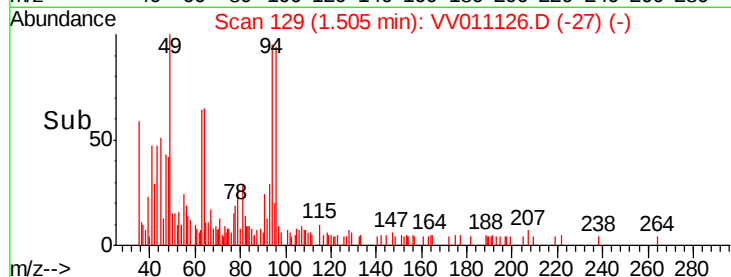
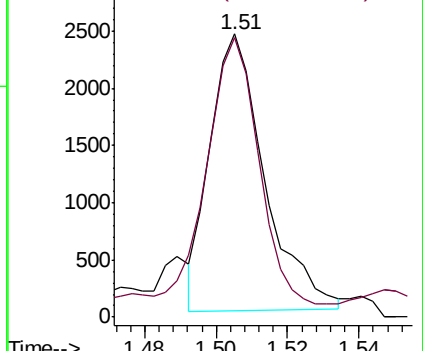
94 100

96 89.6 9.5 179.7



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0



#13

Acetone

Concen: 96.522 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

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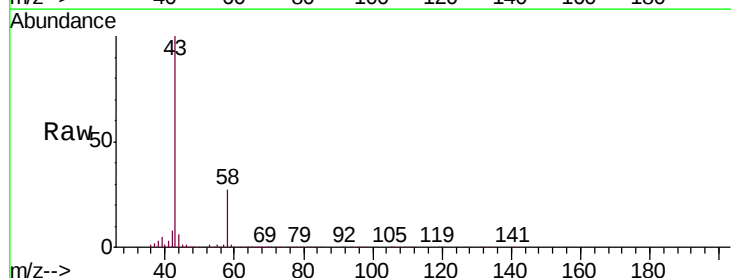
Acq: 30 May 2019 02:06

Tgt Ion: 43 Resp: 128006

Ion Ratio Lower Upper

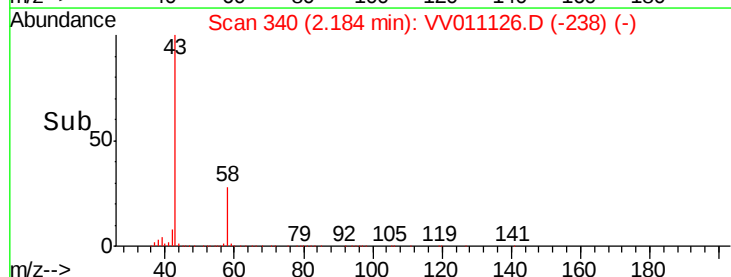
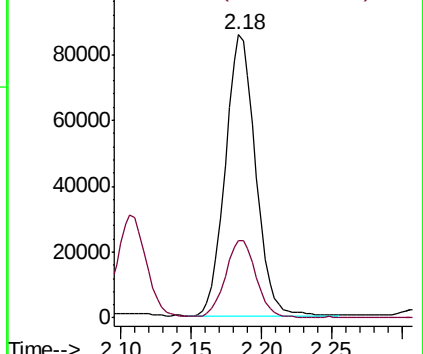
43 100

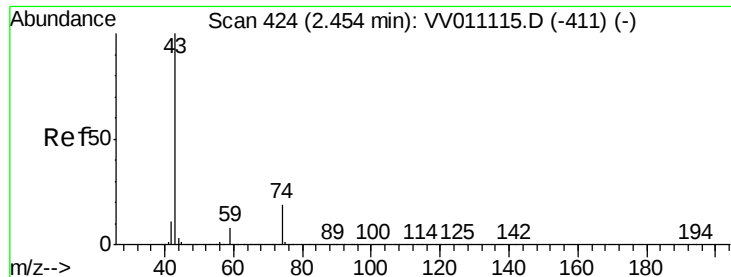
58 27.5 0.0 54.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#15

Methyl Acetate

Concen: 63.556 ug/L

RT: 2.45 min Scan# 424

Delta R.T. 0.00 min

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Acq: 30 May 2019 02:06

Instrument :

MSVOA_V

ClientSampled :

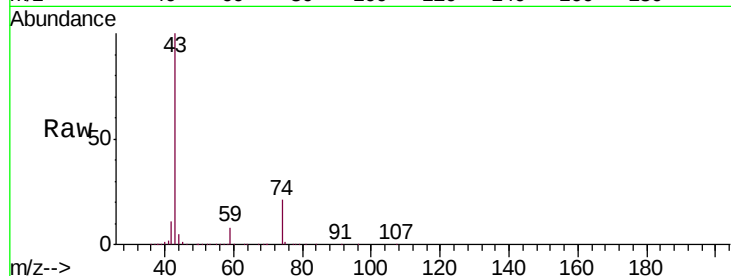
A51E9

Tgt Ion: 43 Resp: 121660

Ion Ratio Lower Upper

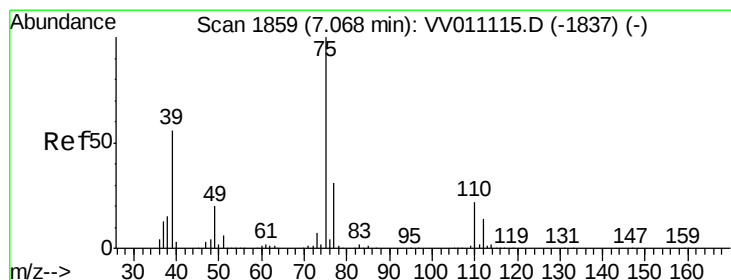
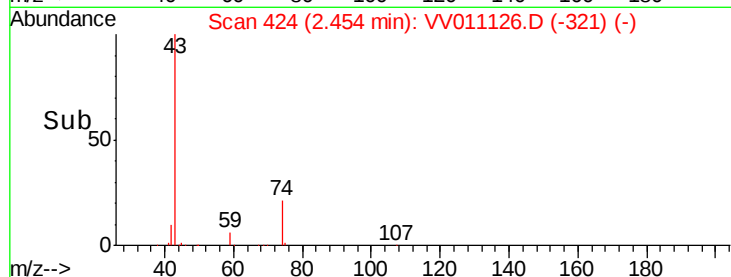
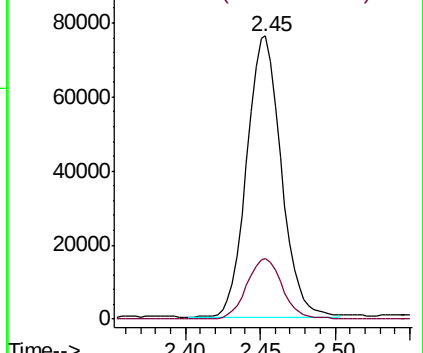
43 100

74 22.5 0.0 0.0#



Abundance Ion 43.00 (42.70 to 43.70): VV011115.D (-411) (-)

Ion 74.00 (73.70 to 74.70): VV011115.D (-411) (-)



#42

cis-1,3-Dichloropropene

Concen: 0.627 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV011126.D

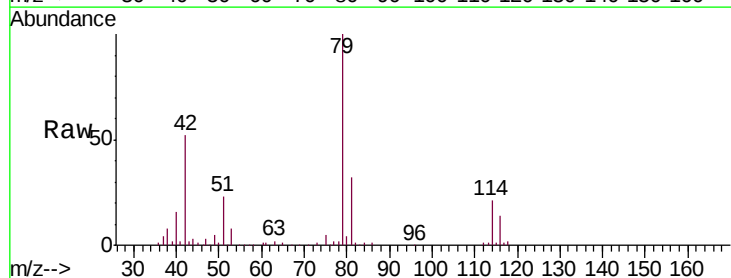
Acq: 30 May 2019 02:06

Tgt Ion: 75 Resp: 2979

Ion Ratio Lower Upper

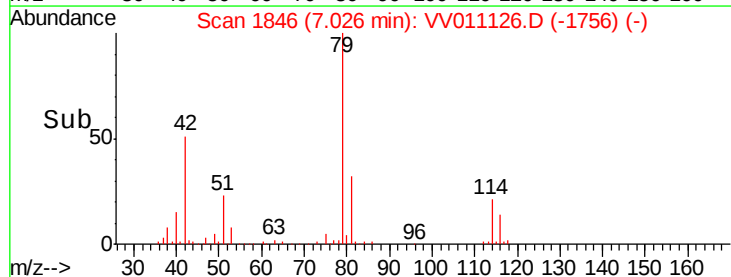
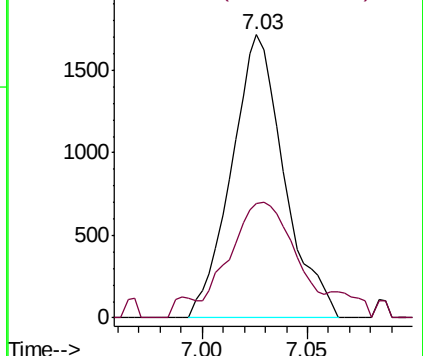
75 100

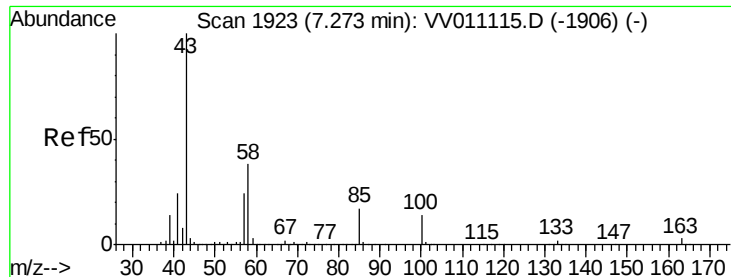
77 40.4 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VV011115.D (-1837) (-)

Ion 77.00 (76.70 to 77.70): VV011115.D (-1837) (-)





#43

4-Methyl-2-pentanone

Concen: 3.299 ug/L

RT: 7.27 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VV011126.D

Acq: 30 May 2019 02:06

Instrument :

MSVOA_V

ClientSampleId :

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Tgt Ion: 43 Resp: 8599

Ion Ratio Lower Upper

43 100

58 42.8 30.3 45.5

100 15.8 10.6 15.8

