

Data File : VV011037.D
Acq On : 23 May 2019 19:53
Operator : SY/MD
Sample : K3016-04
Misc : 4.96G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51C3

Quant Time: May 24 08:20:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 08:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	79555	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	72304	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	20711	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	16067	17.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.88%
7) Chloroethane-d5	1.56	69	12246	19.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.76%
10) 1,1-Dichloroethene-d2	2.12	63	23726	13.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.44%
20) 2-Butanone-d5	3.94	46	26028	83.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	166.34%#
24) Chloroform-d	4.40	84	47744	23.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.68%
26) 1,2-Dichloroethane-d4	5.08	65	30923	25.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.84%
29) Benzene-d6	5.09	84	93205	23.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.44%
33) 1,2-Dichloropropane-d6	6.12	67	33888	27.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.08%
37) Toluene-d8	7.36	98	74323	20.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.00%
38) trans-1,3-Dichloropropene-	7.66	79	11552	22.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.72%
39) 2-Hexanone-d5	8.13	63	21178	90.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	181.06%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	34695	27.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	17782	21.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.60%

Target Compounds

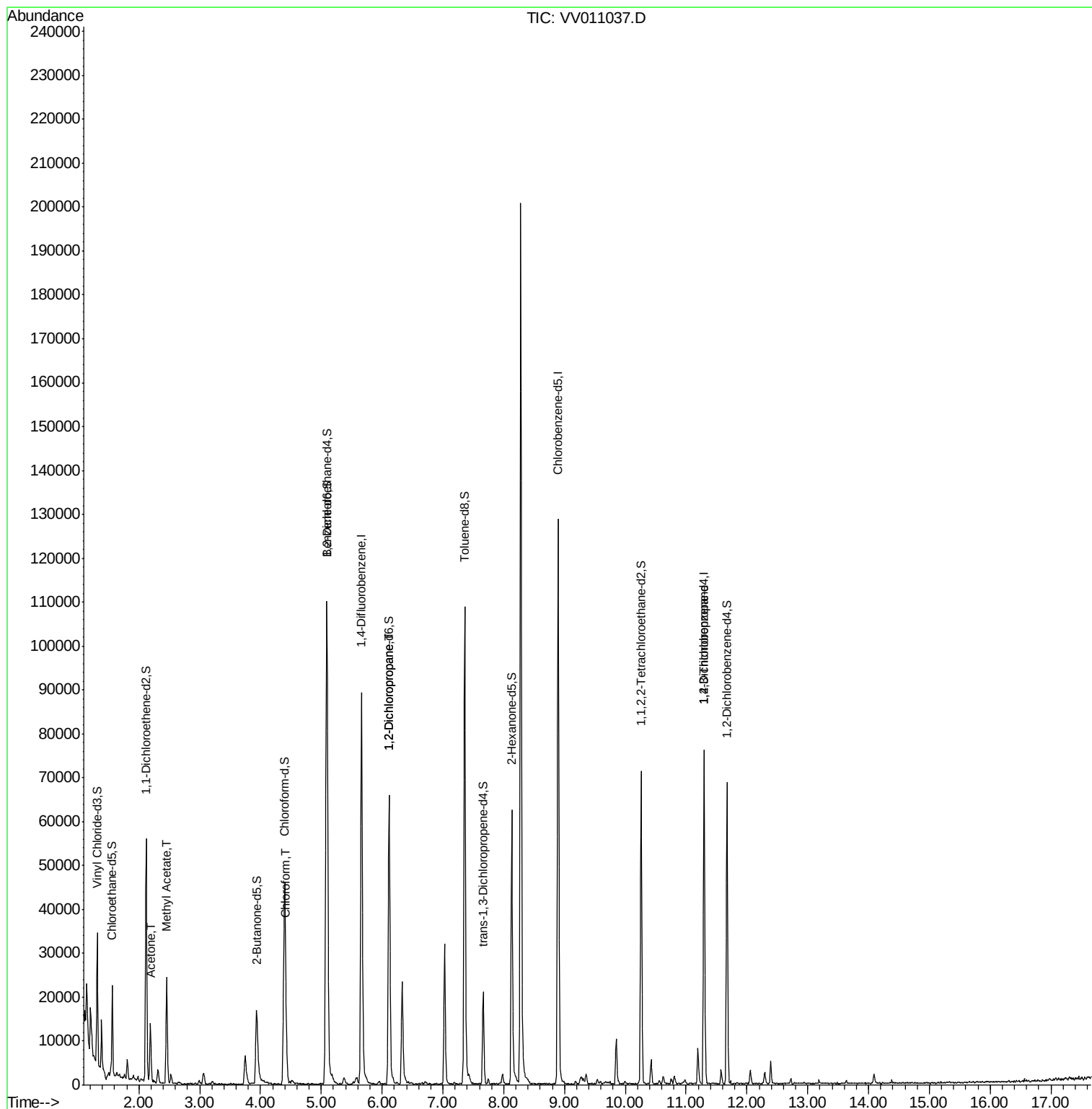
						Qvalue
13) Acetone	2.19	43	12589	41.714	ug/L	93
15) Methyl Acetate	2.46	43	23845	41.123	ug/L	97
25) Chloroform	4.42	83	4495	1.884	ug/L	86
40) 1,2-Dichloropropane	6.12	63	3828	3.495	ug/L #	86
59) 1,2,3-Trichloropropane	11.29	75	2777	3.076	ug/L	90

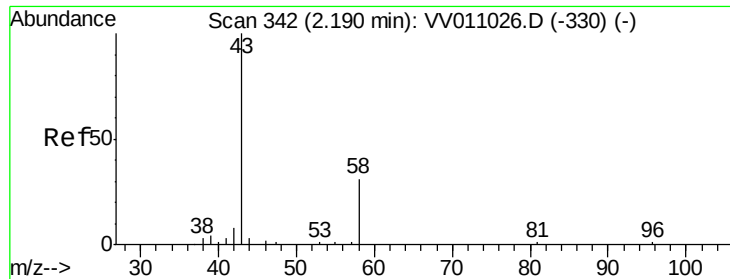
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 41.714 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

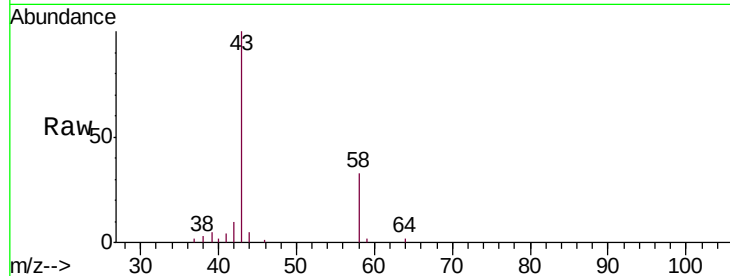
A51C3

Tgt Ion: 43 Resp: 12589

Ion Ratio Lower Upper

43 100

58 34.3 0.0 60.8

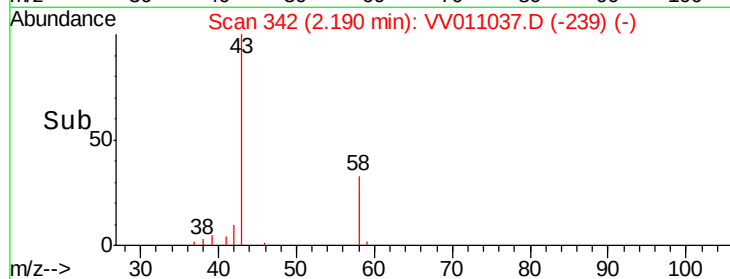


Abundance Ion 43.00 (42.70 to 43.70): VV011026.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV011026.D (-330) (-)

2.19

Time-->

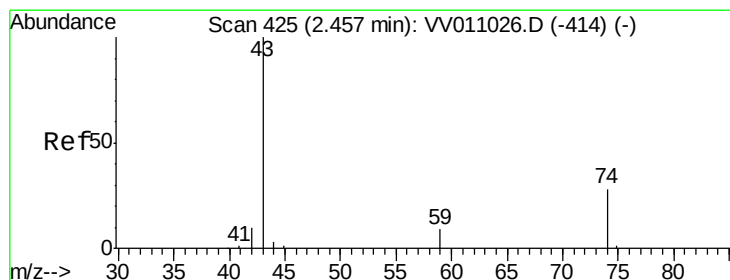


Abundance Ion 43.00 (42.70 to 43.70): VV011037.D (-239) (-)

Ion 58.00 (57.70 to 58.70): VV011037.D (-239) (-)

2.19

Time-->



#15

Methyl Acetate

Concen: 41.123 ug/L

RT: 2.46 min Scan# 425

Delta R.T. 0.00 min

Lab File: VV011037.D

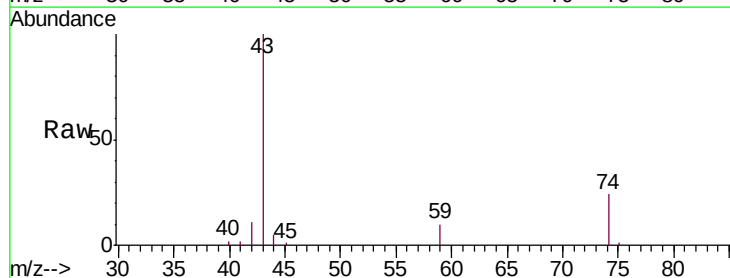
Acq: 23 May 2019 19:53

Tgt Ion: 43 Resp: 23845

Ion Ratio Lower Upper

43 100

74 24.8 21.1 31.7

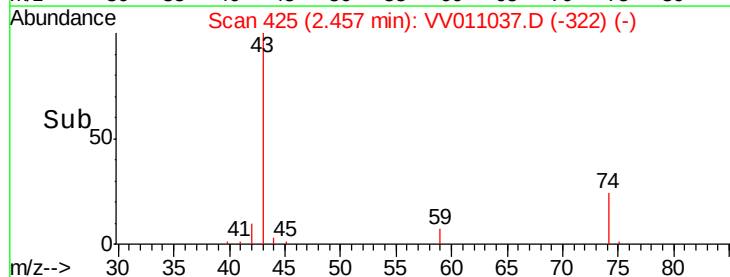


Abundance Ion 43.00 (42.70 to 43.70): VV011026.D (-414) (-)

Ion 74.00 (73.70 to 74.70): VV011026.D (-414) (-)

2.46

Time-->

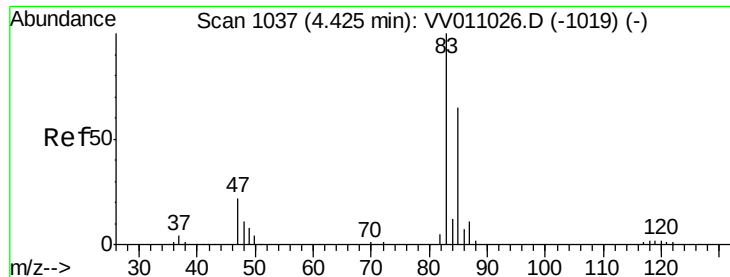


Abundance Ion 43.00 (42.70 to 43.70): VV011037.D (-322) (-)

Ion 74.00 (73.70 to 74.70): VV011037.D (-322) (-)

2.46

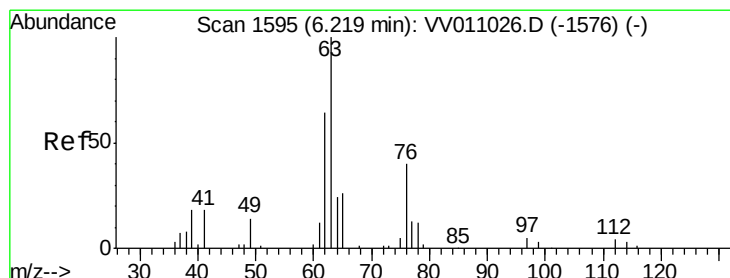
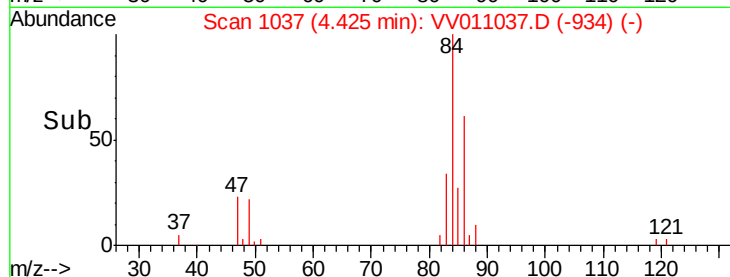
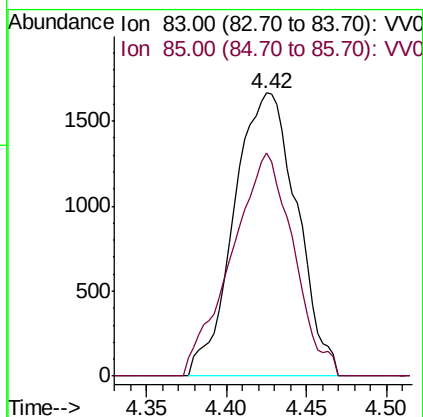
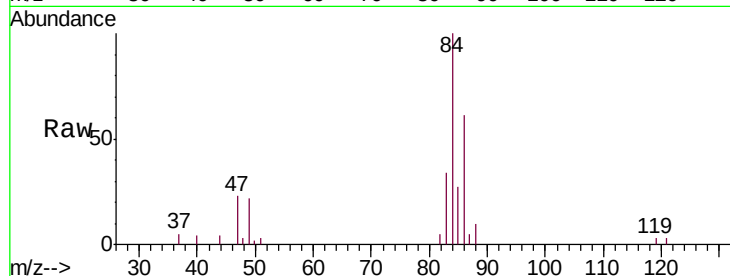
Time-->



#25
Chloroform
Concen: 1.884 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
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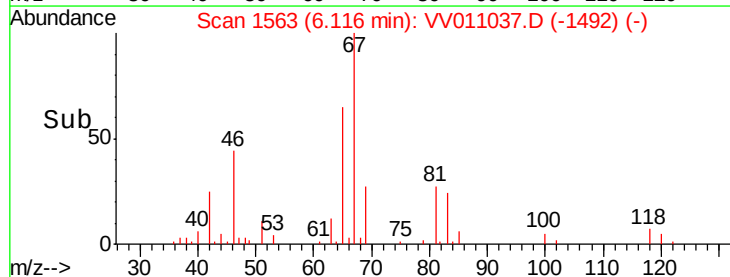
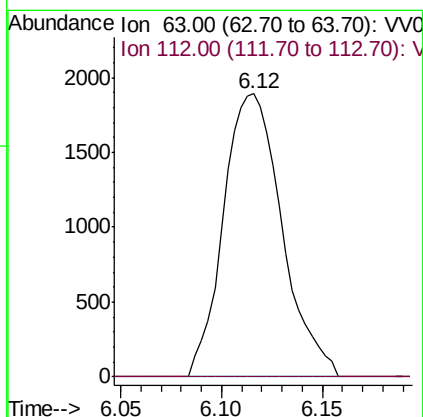
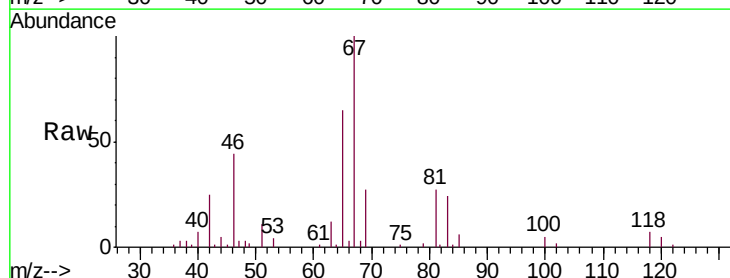
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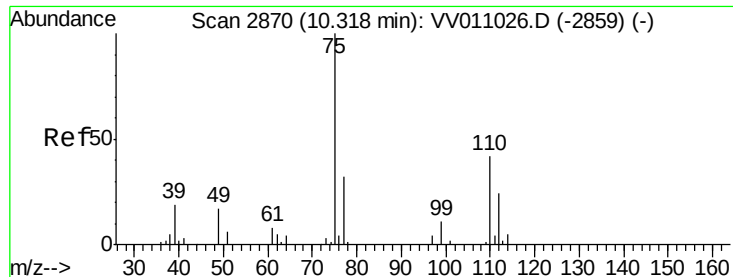
Tgt Ion: 83 Resp: 4495
Ion Ratio Lower Upper
83 100
85 76.5 45.6 84.8



#40
1,2-Dichloropropane
Concen: 3.495 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011037.D
Acq: 23 May 2019 19:53

Tgt Ion: 63 Resp: 3828
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#59

1,2,3-Trichloropropane

Concen: 3.076 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV011037.D

Acq: 23 May 2019 19:53

Instrument :

MSVOA_V

ClientSampleId :

A51C3

Tgt Ion: 75 Resp: 2777

Ion Ratio Lower Upper

75 100

77 37.6 25.4 38.2

