

Data File : VV010654.D
Acq On : 03 May 2019 09:52
Operator : SY/MD
Sample : K2603-12
Misc : 5.02G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ64

Quant Time: May 03 23:16:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 23:12:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	273456	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	242173	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	103264	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	52274	15.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.40%
7) Chloroethane-d5	1.56	69	42112	17.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.52%
10) 1,1-Dichloroethene-d2	2.12	63	79860	13.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.60%
20) 2-Butanone-d5	3.92	46	31403	29.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.62%
24) Chloroform-d	4.39	84	136560	19.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.32%
26) 1,2-Dichloroethane-d4	5.07	65	72663	17.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.80%
29) Benzene-d6	5.09	84	290764	23.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.68%
33) 1,2-Dichloropropane-d6	6.11	67	88985	23.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.56%
37) Toluene-d8	7.36	98	268902	22.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.20%
38) trans-1,3-Dichloropropene-	7.66	79	31463	19.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.20%
39) 2-Hexanone-d5	8.13	63	24430	35.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.38%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	58177	16.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	88425	22.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.00%

Target Compounds

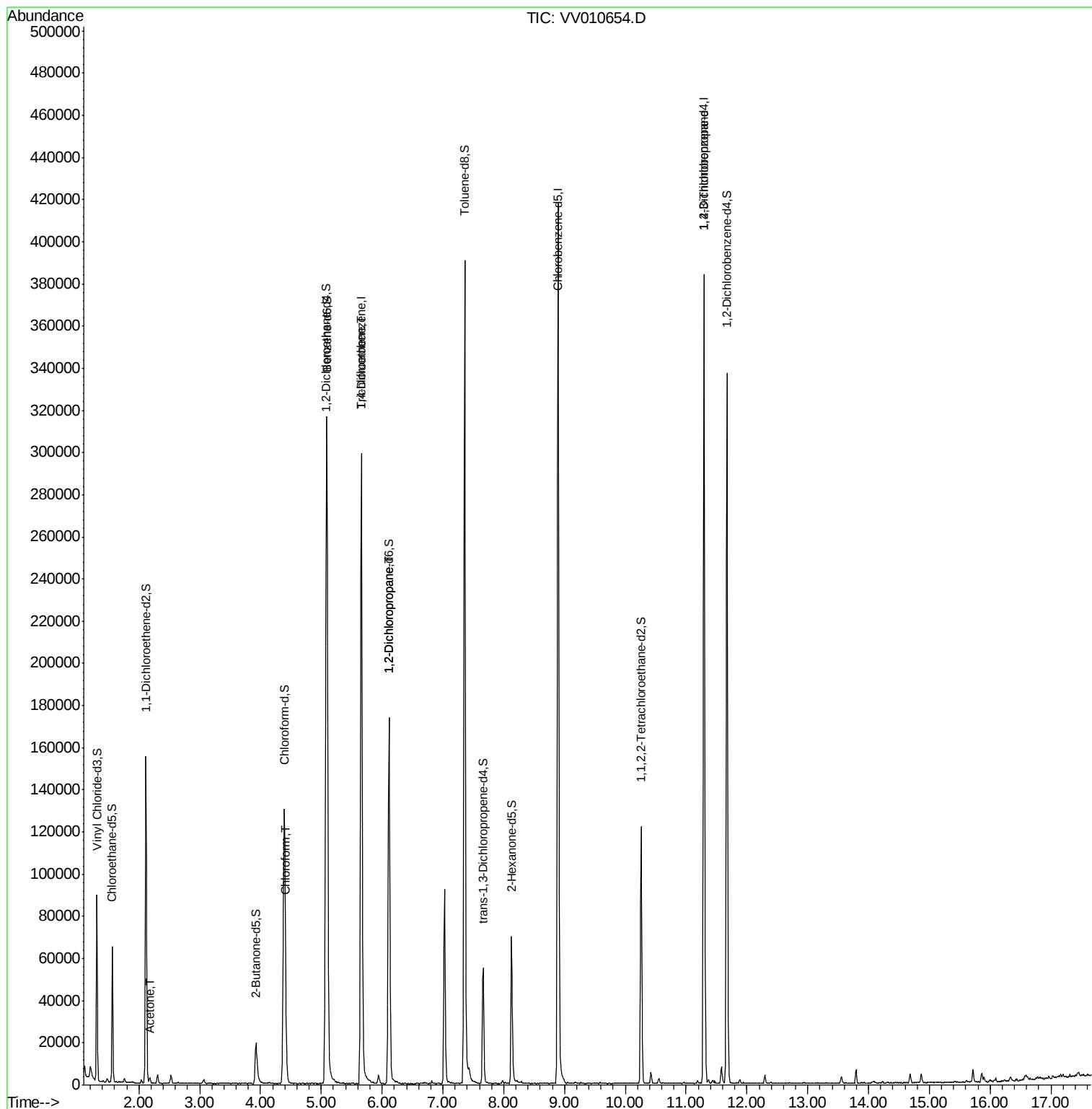
					Qvalue
13) Acetone	2.18	43	1101	1.219 ug/L	96
25) Chloroform	4.42	83	6644	0.985 ug/L	99
35) Trichloroethene	5.66	95	7406	2.243 ug/L #	5
40) 1,2-Dichloropropane	6.11	63	9046	3.004 ug/L #	87
59) 1,2,3-Trichloropropane	11.29	75	12210	5.175 ug/L	91

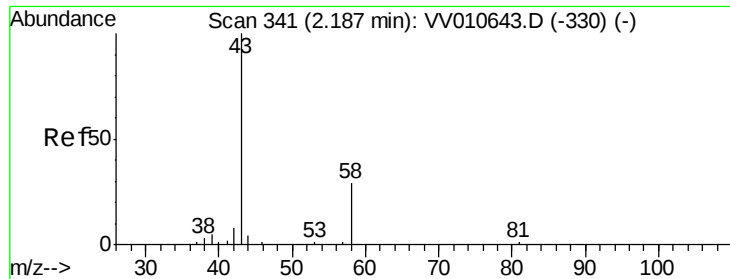
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.219 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

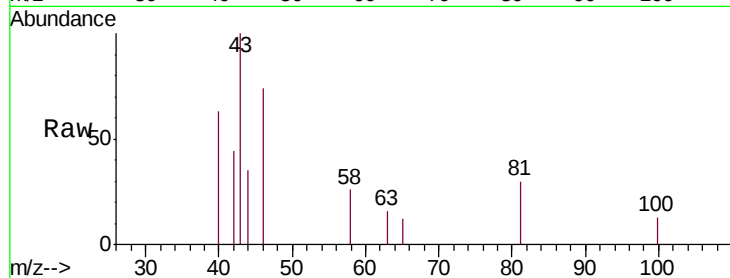
GAJ64

Tgt Ion: 43 Resp: 1101

Ion Ratio Lower Upper

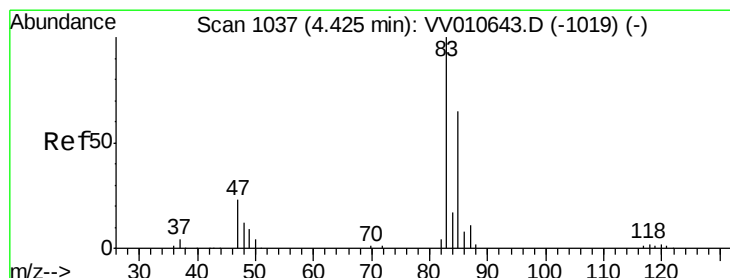
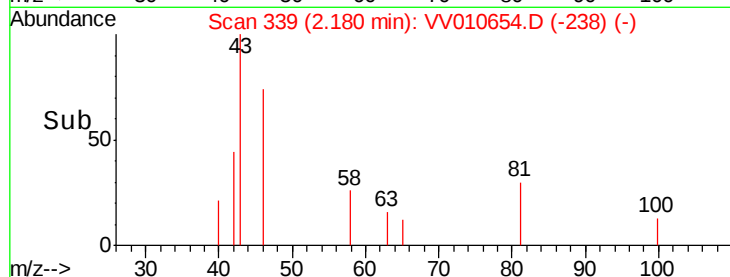
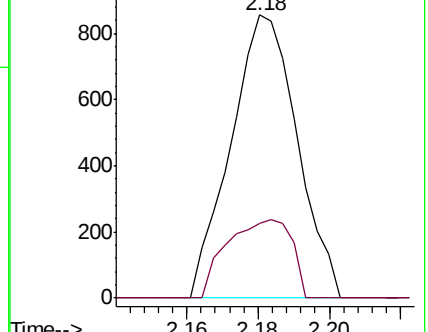
43 100

58 26.9 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VV010643.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV010643.D (-330) (-)



#25

Chloroform

Concen: 0.985 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VV010654.D

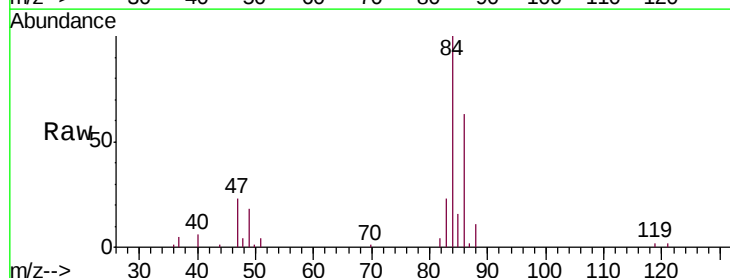
Acq: 03 May 2019 09:52

Tgt Ion: 83 Resp: 6644

Ion Ratio Lower Upper

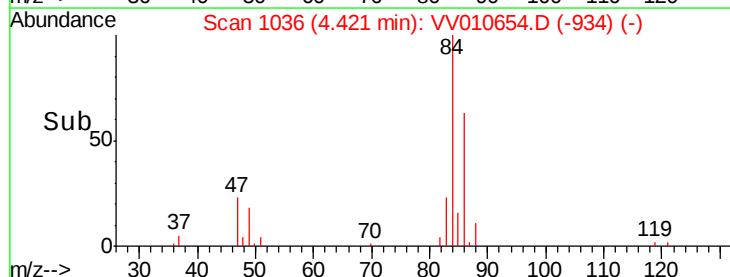
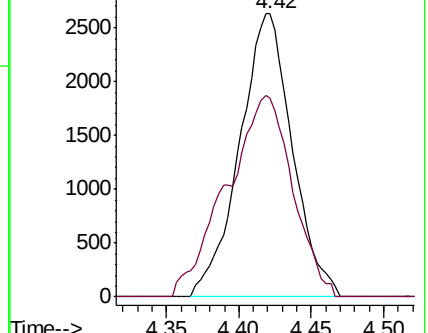
83 100

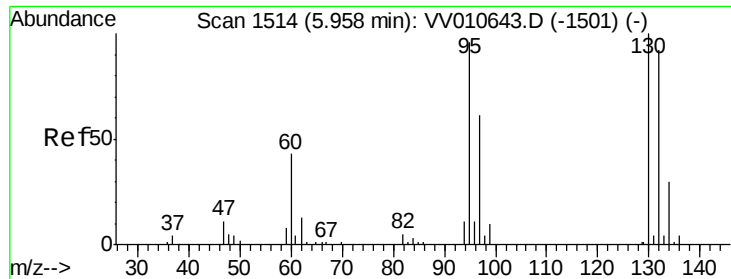
85 66.6 46.3 86.1



Abundance Ion 83.00 (82.70 to 83.70): VV010643.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV010643.D (-1019) (-)

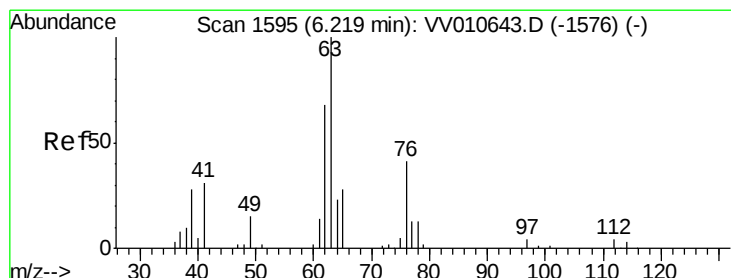
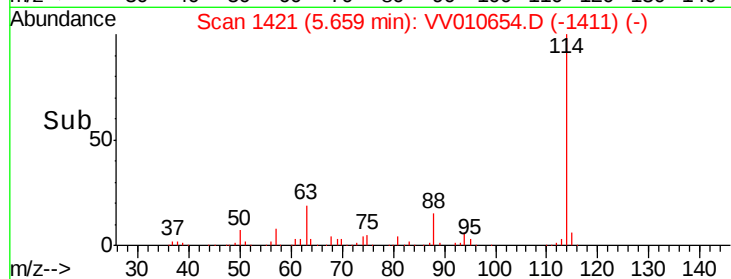
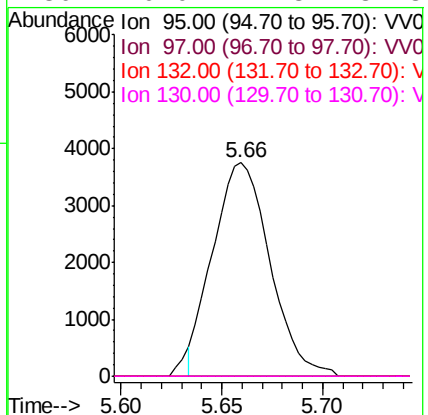
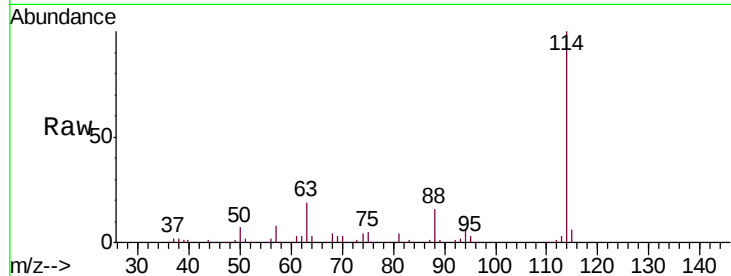




#35
 Trichloroethene
 Concen: 2.243 ug/L
 RT: 5.66 min Scan# 1421
 Delta R.T. -0.30 min
 Lab File: VV010654.D
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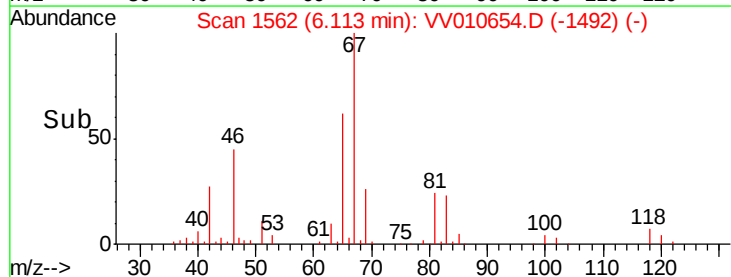
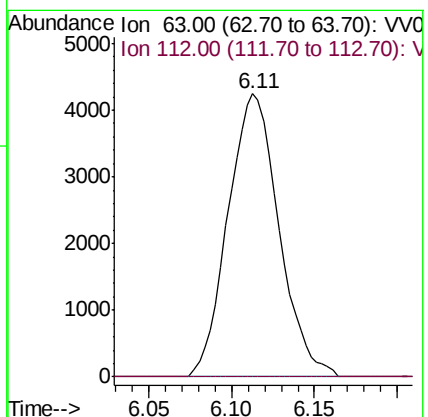
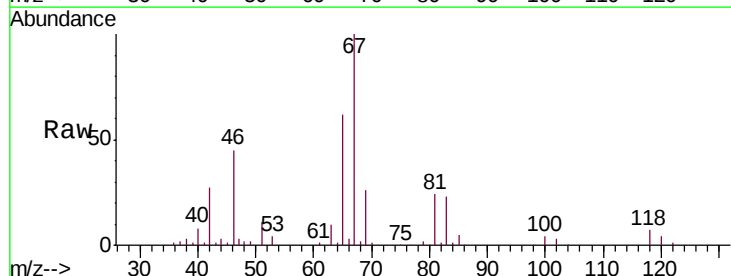
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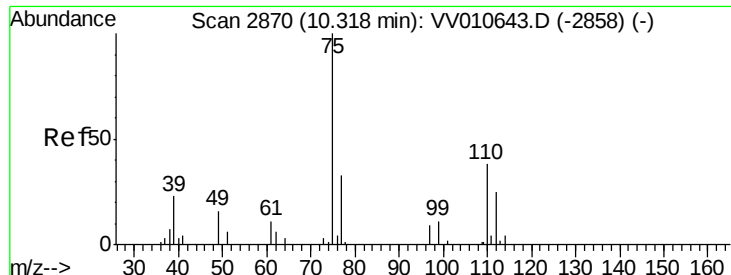
Tgt Ion: 95 Resp: 7406
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.0 83.6#
 132 1.4 69.9 129.9#
 130 0.0 71.3 132.3#



#40
 1,2-Dichloropropane
 Concen: 3.004 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV010654.D
 Acq: 03 May 2019 09:52

Tgt Ion: 63 Resp: 9046
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#





#59

1,2,3-Trichloropropane

Concen: 5.175 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010654.D

Acq: 03 May 2019 09:52

Instrument :

MSVOA_V

ClientSampleId :

GAJ64

Tgt Ion: 75 Resp: 12210

Ion Ratio Lower Upper

75 100

77 36.8 25.6 38.4

