

Data File : VV009401.D
Acq On : 27 Feb 2019 16:31
Operator : SY/MD
Sample : K1626-08
Misc : 2.75G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF667

Quant Time: Feb 28 04:36:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 04:32:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	166419	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	133169	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40211	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39944	19.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.32%
7) Chloroethane-d5	1.58	69	68237	25.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.28%
10) 1,1-Dichloroethene-d2	2.13	63	87881	15.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.48%
20) 2-Butanone-d5	4.09	46	244	0.39	ug/L	0.14
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.78%#
24) Chloroform-d	4.40	84	91484	22.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.68%
26) 1,2-Dichloroethane-d4	5.08	65	49774	22.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.16%
29) Benzene-d6	5.10	84	188840	26.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.72%
33) 1,2-Dichloropropane-d6	6.12	67	56798	27.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.52%
37) Toluene-d8	7.36	98	172599	25.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.68%
38) trans-1,3-Dichloropropene-	7.66	79	16250	15.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.68%
39) 2-Hexanone-d5	8.14	63	15386	35.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.08%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	37033	18.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	32470	21.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.20%

Target Compounds

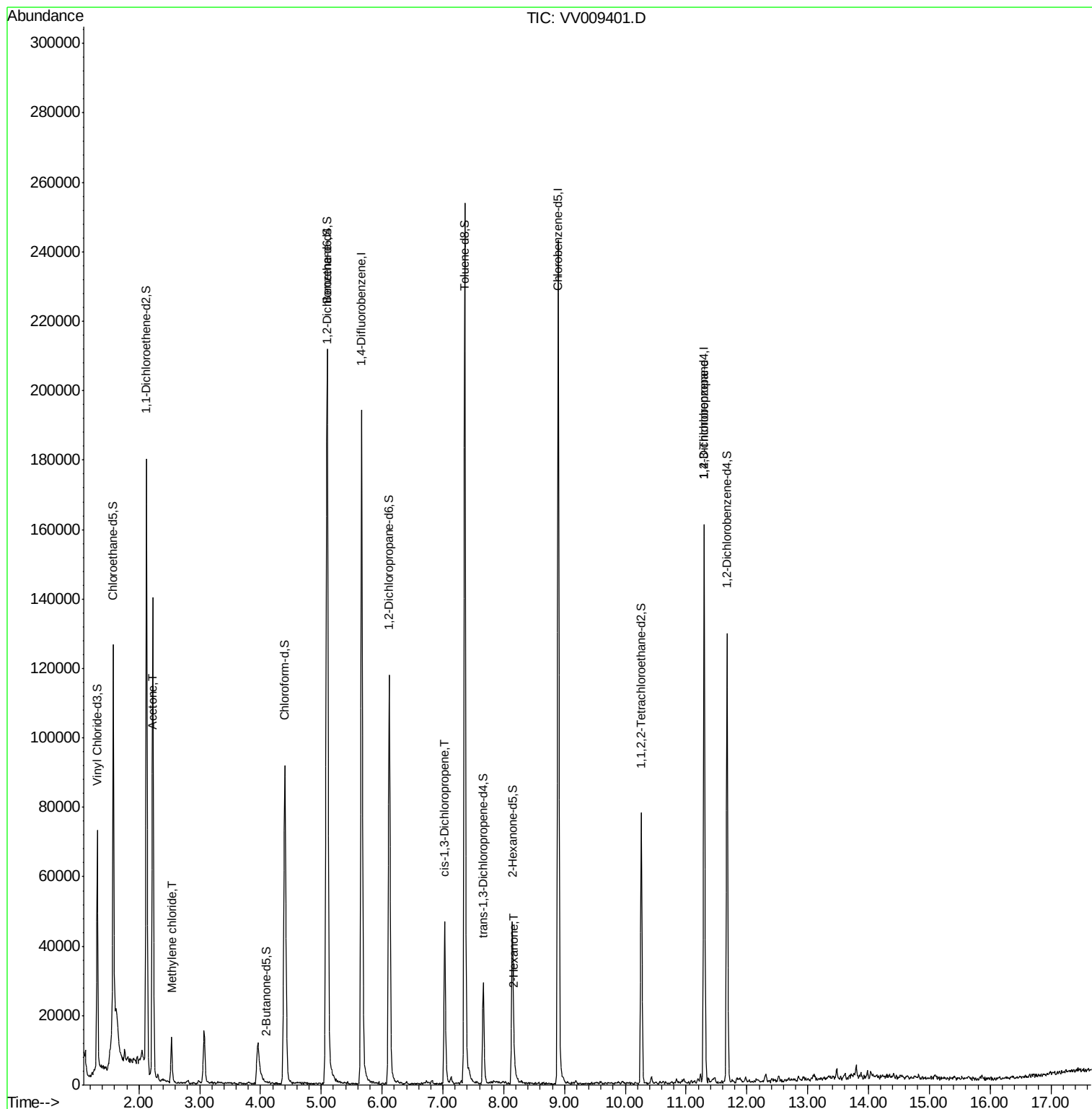
					Qvalue
13) Acetone	2.21	43	1633	2.264 ug/L	57
16) Methylene chloride	2.54	84	4973	2.206 ug/L	99
42) cis-1,3-Dichloropropene	7.03	75	1377	0.470 ug/L #	47
49) 2-Hexanone	8.18	43	4122	3.743 ug/L #	47
59) 1,2,3-Trichloropropane	11.30	75	5739	3.889 ug/L	90

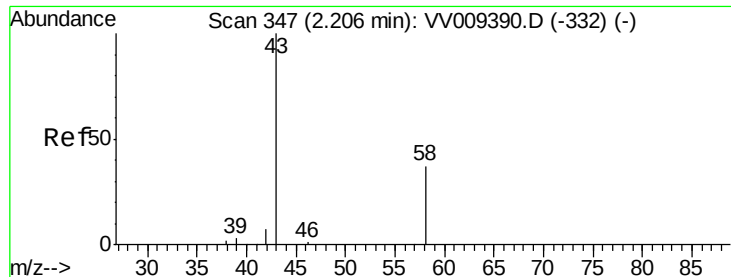
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.264 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

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Acq: 27 Feb 2019 16:31

Instrument :

MSVOA_V

ClientSampleId :

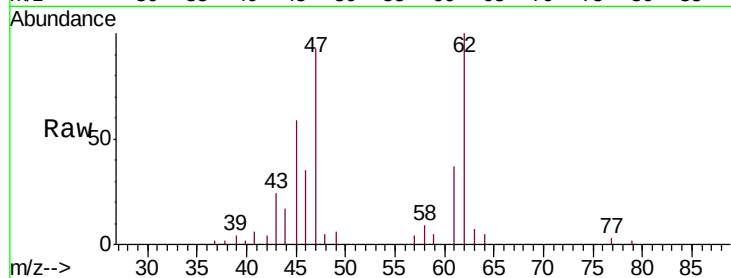
BF667

Tgt Ion: 43 Resp: 1633

Ion Ratio Lower Upper

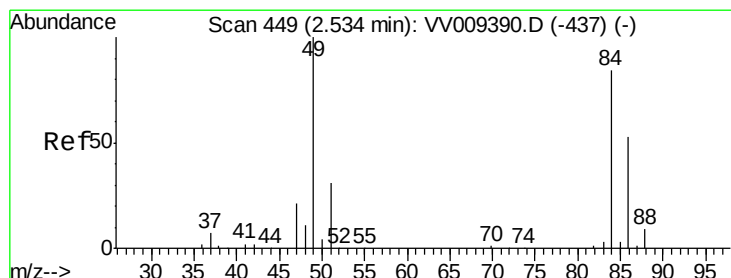
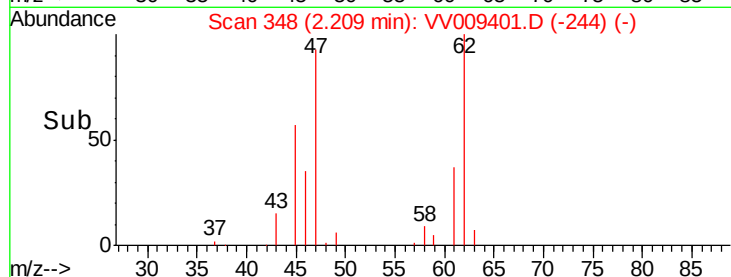
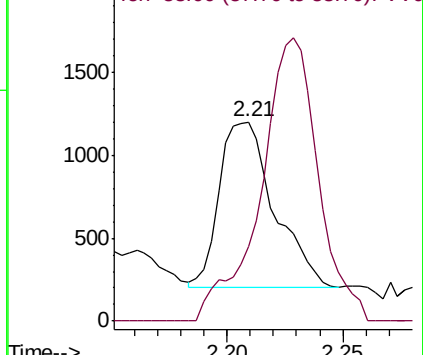
43 100

58 9.6 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009401.D (-244) (-)

Ion 58.00 (57.70 to 58.70): VV009401.D (-244) (-)



#16

Methylene chloride

Concen: 2.206 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009401.D

Acq: 27 Feb 2019 16:31

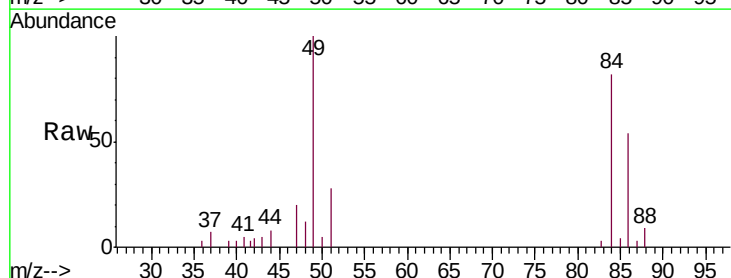
Tgt Ion: 84 Resp: 4973

Ion Ratio Lower Upper

84 100

49 122.0 84.6 157.0

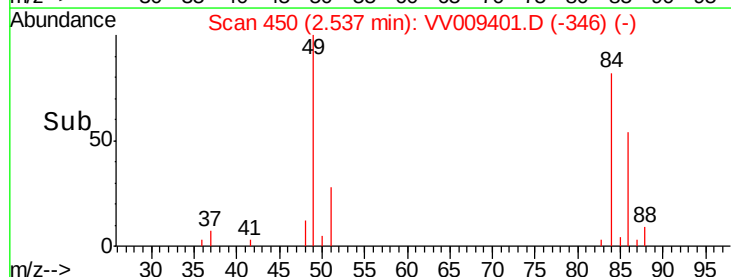
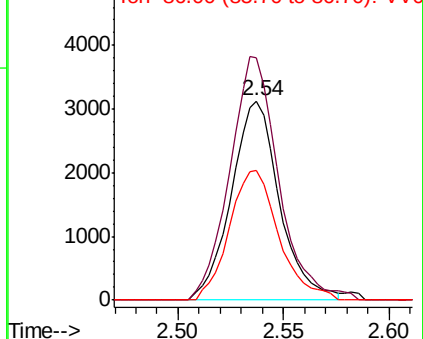
86 65.3 46.1 85.7

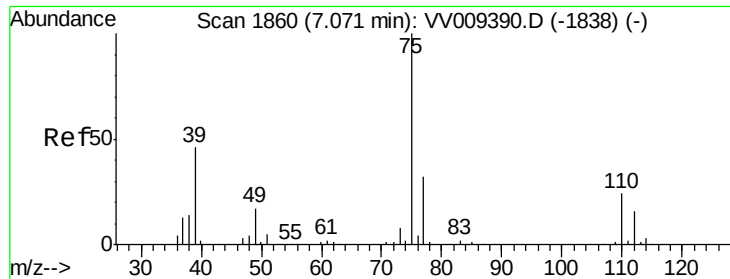


Abundance Ion 84.00 (83.70 to 84.70): VV009401.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV009401.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009401.D (-346) (-)





#42

cis-1,3-Dichloropropene

Concen: 0.470 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

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Instrument :

MSVOA_V

ClientSampleId :

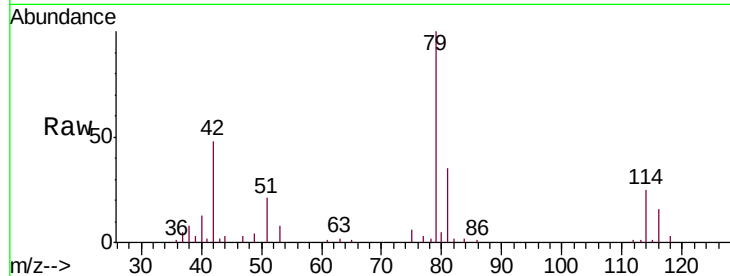
BF667

Tgt Ion: 75 Resp: 1377

Ion Ratio Lower Upper

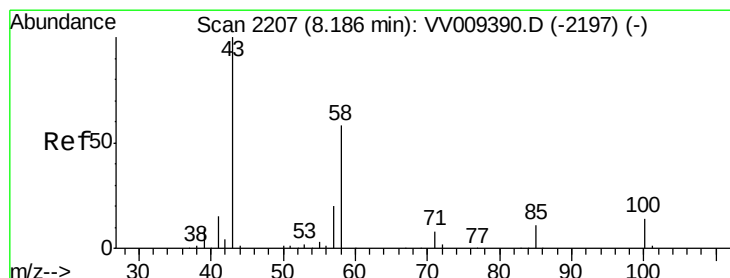
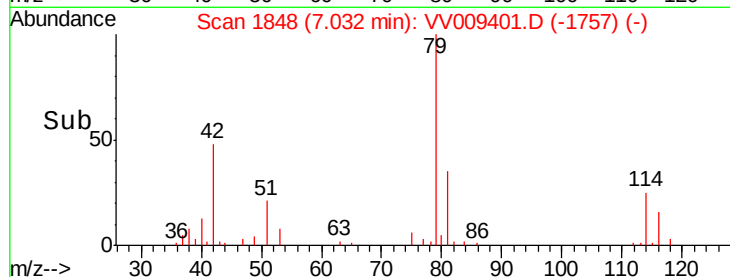
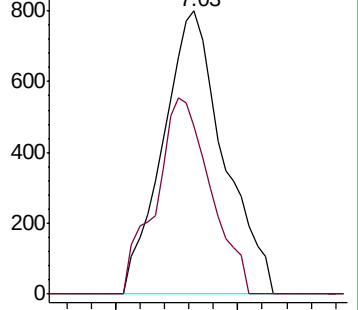
75 100

77 59.3 21.4 39.8#



Abundance Ion 75.00 (74.70 to 75.70): VV009390.D (-1838) (-)

Ion 77.00 (76.70 to 77.70): VV009390.D (-1838) (-)



#49

2-Hexanone

Concen: 3.743 ug/L

RT: 8.18 min Scan# 2204

Delta R.T. -0.01 min

Lab File: VV009401.D

Acq: 27 Feb 2019 16:31

Tgt Ion: 43 Resp: 4122

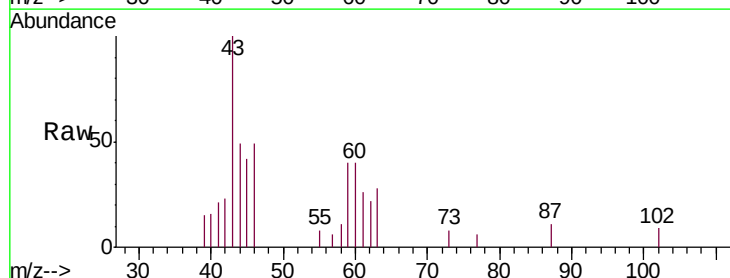
Ion Ratio Lower Upper

43 100

58 10.0 46.3 69.5#

57 3.9 15.8 23.6#

100 0.0 10.0 15.0#

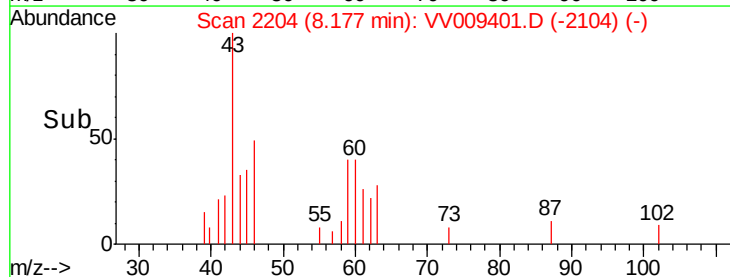
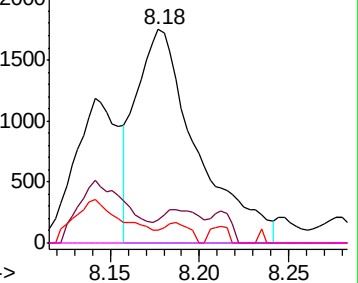


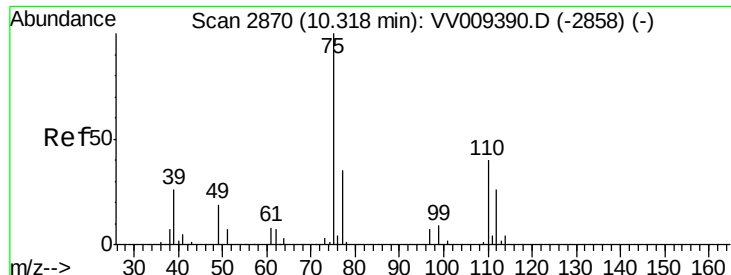
Abundance Ion 43.00 (42.70 to 43.70): VV009390.D (-2197) (-)

Ion 58.00 (57.70 to 58.70): VV009390.D (-2197) (-)

Ion 57.00 (56.70 to 57.70): VV009390.D (-2197) (-)

Ion 100.00 (99.70 to 100.70): VV009390.D (-2197) (-)





#59

1,2,3-Trichloropropane

Concen: 3.889 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009401.D

Acq: 27 Feb 2019 16:31

Instrument :

MSVOA_V

ClientSampleId :

BF667

Tgt Ion: 75 Resp: 5739

Ion Ratio Lower Upper

75 100

77 38.1 25.9 38.9

