

Data File : VV009565.D
Acq On : 10 Mar 2019 14:28
Operator : SY/MD
Sample : K1789-15
Misc : 5.58G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0P8

Quant Time: Mar 11 04:51:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 04:48:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	130514	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	119752	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54054	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28045	17.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.40%
7) Chloroethane-d5	1.57	69	44156	19.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.72%
10) 1,1-Dichloroethene-d2	2.13	63	64139	15.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.76%
20) 2-Butanone-d5	3.95	46	28002	52.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.60%
24) Chloroform-d	4.40	84	69974	22.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.04%
26) 1,2-Dichloroethane-d4	5.08	65	41950	23.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.88%
29) Benzene-d6	5.10	84	139209	23.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.88%
33) 1,2-Dichloropropane-d6	6.12	67	42819	24.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.84%
37) Toluene-d8	7.36	98	130815	22.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.48%
38) trans-1,3-Dichloropropene-	7.67	79	17214	20.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.16%
39) 2-Hexanone-d5	8.14	63	21233	51.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.96%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	43916	23.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.16%
61) 1,2-Dichlorobenzene-d4	11.68	152	47103	23.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.48%

Target Compounds

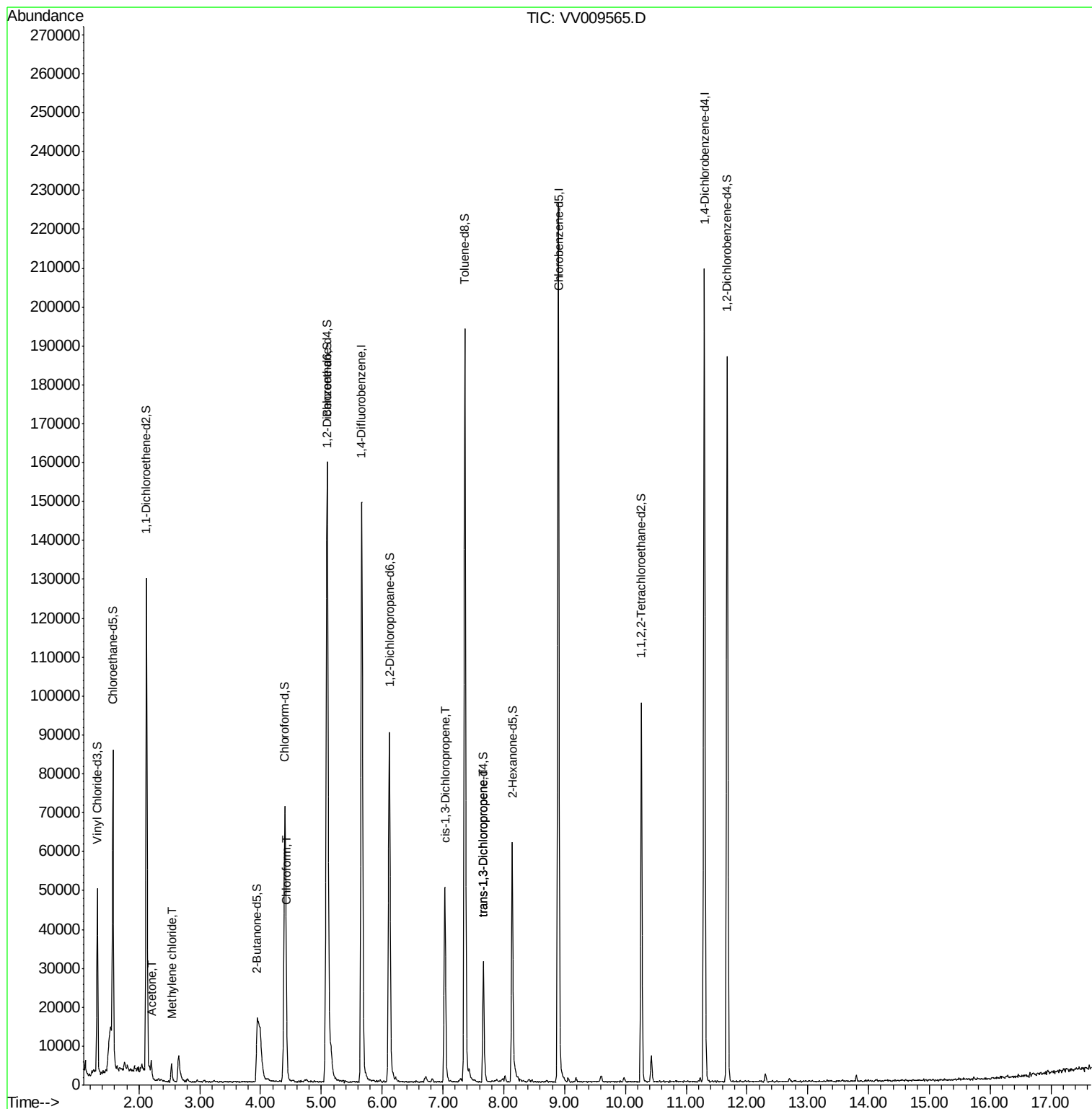
					Qvalue
13) Acetone	2.20	43	4859	8.927 ug/L	91
16) Methylene chloride	2.53	84	1985	1.159 ug/L	80
25) Chloroform	4.43	83	2059	0.672 ug/L	98
42) cis-1,3-Dichloropropene	7.03	75	1496	0.604 ug/L #	67
45) trans-1,3-Dichloropropene	7.66	75	1086	0.502 ug/L	94

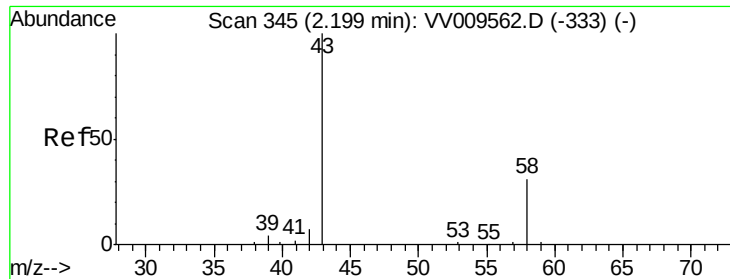
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.927 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.00 min

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MSVOA_V

ClientSampleId :

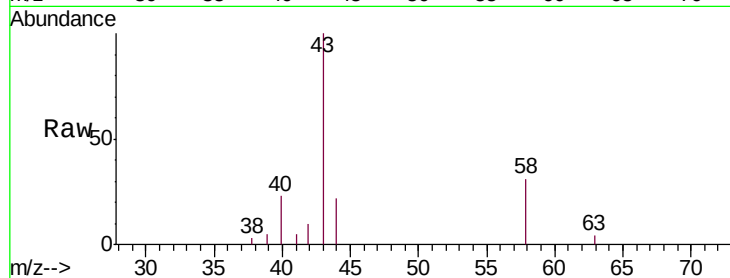
BF0P8

Tgt Ion: 43 Resp: 4859

Ion Ratio Lower Upper

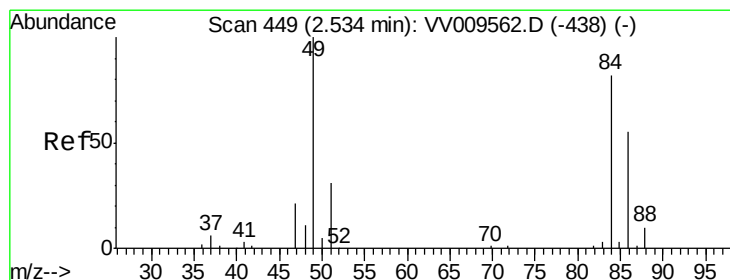
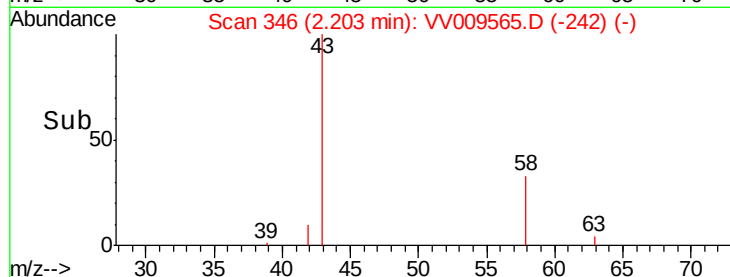
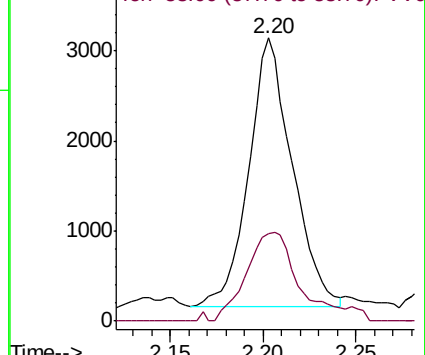
43 100

58 39.8 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009562.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV009562.D (-333) (-)



#16

Methylene chloride

Concen: 1.159 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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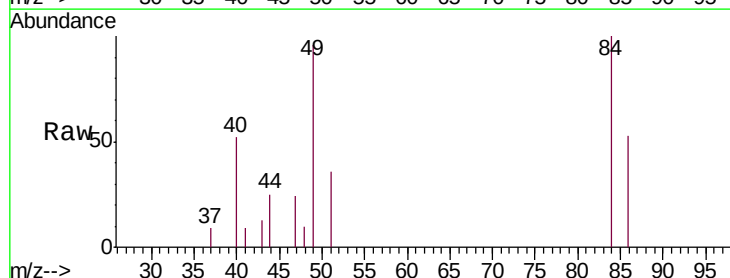
Tgt Ion: 84 Resp: 1985

Ion Ratio Lower Upper

84 100

49 96.1 84.6 157.0

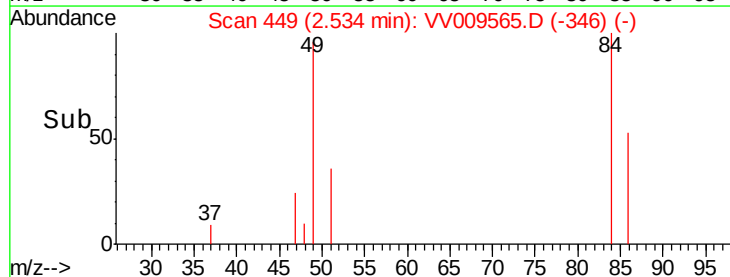
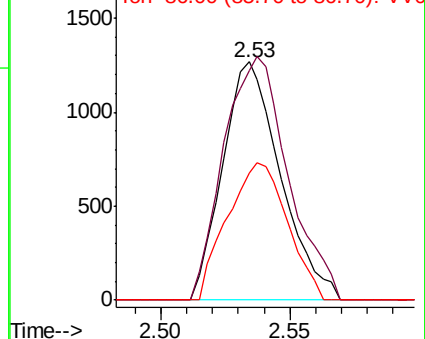
86 53.1 46.1 85.7

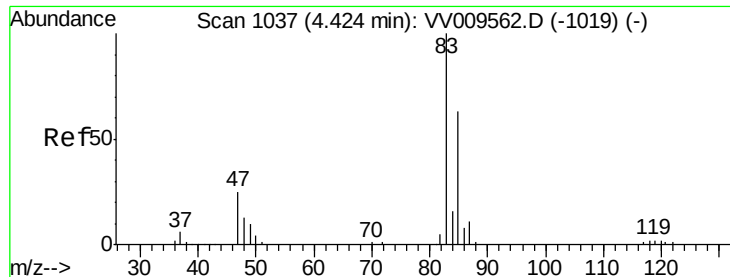


Abundance Ion 84.00 (83.70 to 84.70): VV009562.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV009562.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV009562.D (-438) (-)





#25

Chloroform

Concen: 0.672 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.01 min

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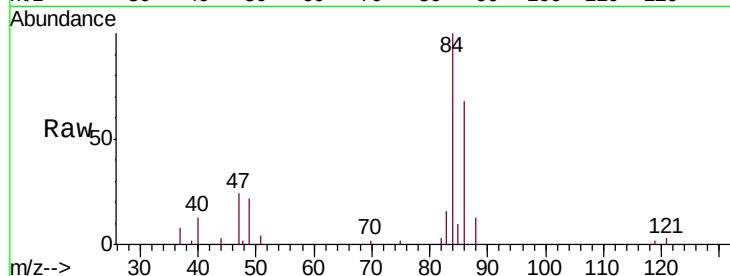
BF0P8

Tgt Ion: 83 Resp: 2059

Ion Ratio Lower Upper

83 100

85 63.0 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VV009562.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV009565.D (-934) (-)

4.43

800

600

400

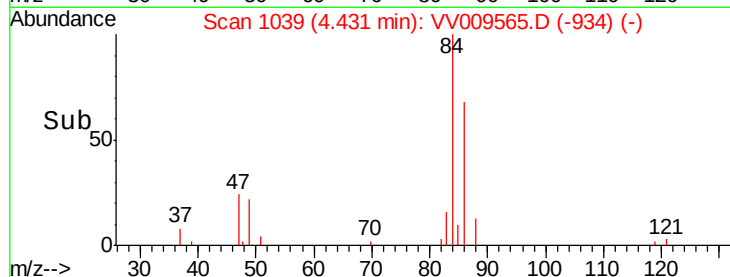
200

0

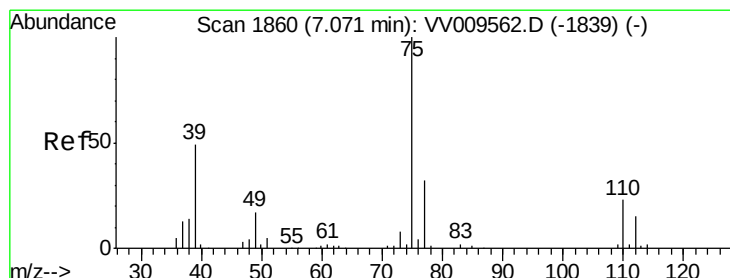
4.35

4.40

4.45



Time-->



#42

cis-1,3-Dichloropropene

Concen: 0.604 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV009565.D

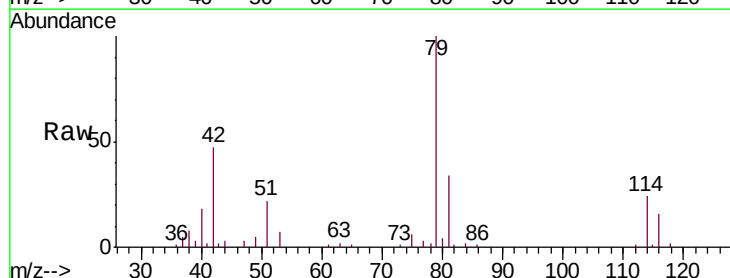
Acq: 10 Mar 2019 14:28

Tgt Ion: 75 Resp: 1496

Ion Ratio Lower Upper

75 100

77 48.6 21.4 39.8#



Abundance Ion 75.00 (74.70 to 75.70): VV009562.D (-1839) (-)

Ion 77.00 (76.70 to 77.70): VV009565.D (-1757) (-)

7.03

1000

800

600

400

200

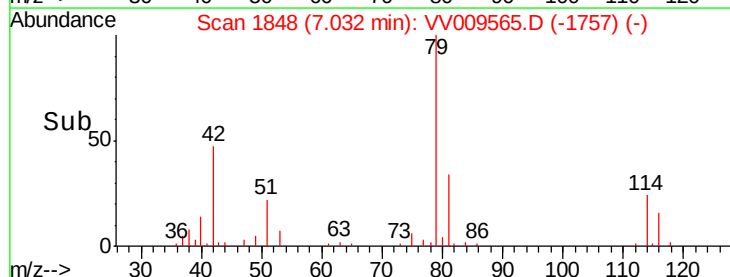
0

7.00

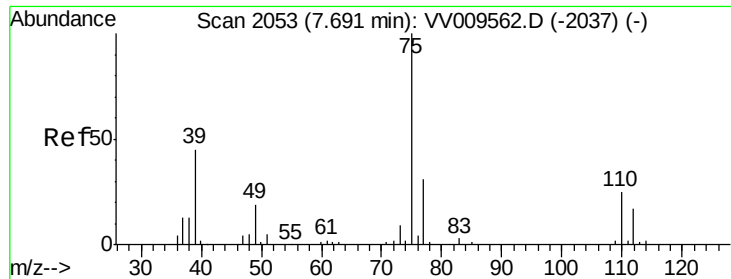
7.02

7.04

7.06



Time-->



#45

trans-1,3-Dichloropropene

Concen: 0.502 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV009565.D

Acq: 10 Mar 2019 14:28

Instrument :

MSVOA_V

ClientSampleId :

BF0P8

Tgt Ion: 75 Resp: 1086

Ion Ratio Lower Upper

75 100

77 28.7 22.5 41.7

