

Data File : VV009985.D
Acq On : 29 Mar 2019 00:57
Operator : SY/MD
Sample : K2122-05
Misc : 4.24G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5C0

Quant Time: Mar 29 04:24:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 04:20:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	159902	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	155431	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65292	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61558	18.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.88%
7) Chloroethane-d5	1.57	69	76199	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.96%
10) 1,1-Dichloroethene-d2	2.13	63	142319	16.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.12%
20) 2-Butanone-d5	3.94	46	30361	50.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.42%
24) Chloroform-d	4.40	84	103951	25.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.08%
26) 1,2-Dichloroethane-d4	5.08	65	65658	26.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.12%
29) Benzene-d6	5.10	84	200276	24.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.16%
33) 1,2-Dichloropropane-d6	6.12	67	64073	26.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.32%
37) Toluene-d8	7.36	98	174430	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.32%
38) trans-1,3-Dichloropropene-	7.66	79	19632	20.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.40%
39) 2-Hexanone-d5	8.14	63	22447	50.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.72%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	55540	23.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	62913	25.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.24%

Target Compounds

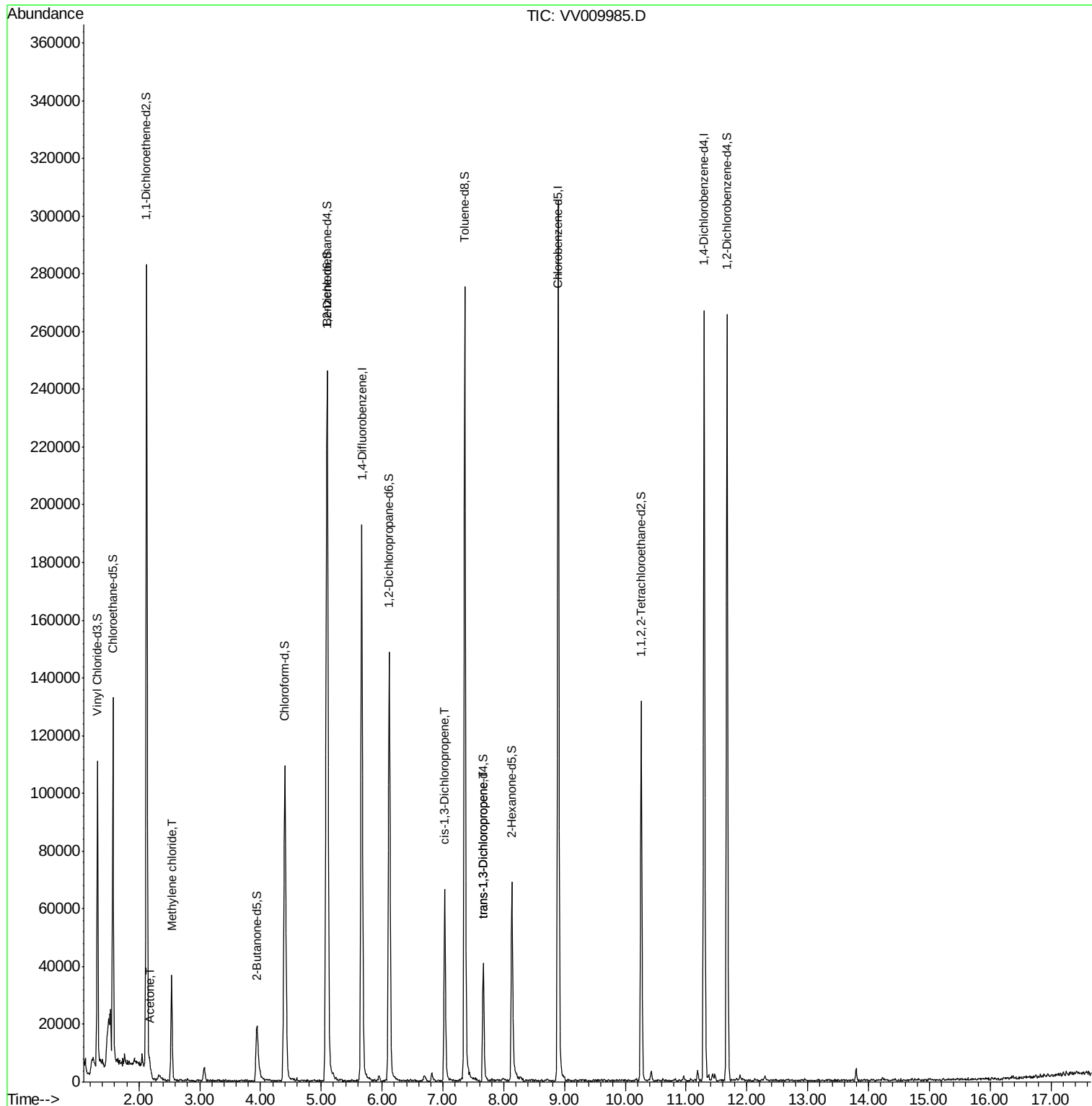
					Qvalue
13) Acetone	2.20	43	2104	2.298 ug/L	90
16) Methylene chloride	2.54	84	13198	5.012 ug/L	95
42) cis-1,3-Dichloropropene	7.03	75	2122	0.682 ug/L	86
45) trans-1,3-Dichloropropene	7.66	75	1305	0.513 ug/L #	59

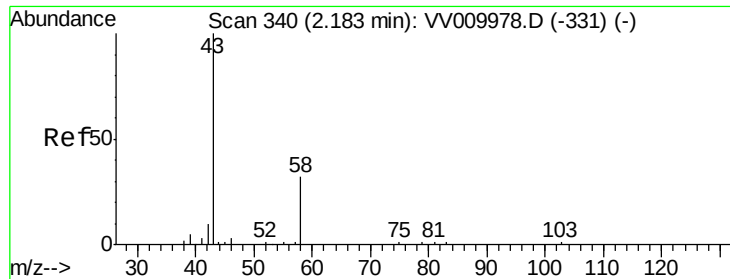
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.298 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV009985.D

Acq: 29 Mar 2019 00:57

Instrument :

MSVOA_V

ClientSampleId :

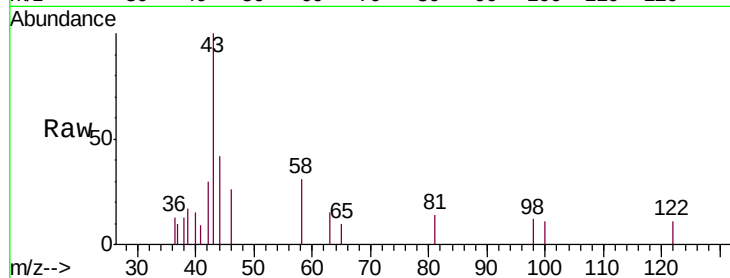
BF5C0

Tgt Ion: 43 Resp: 2104

Ion Ratio Lower Upper

43 100

58 35.4 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV009978.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009978.D (-331) (-)

2.20

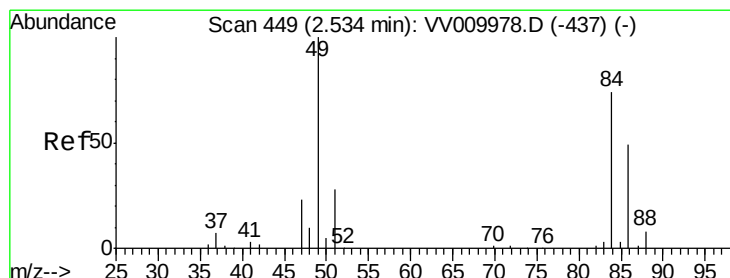
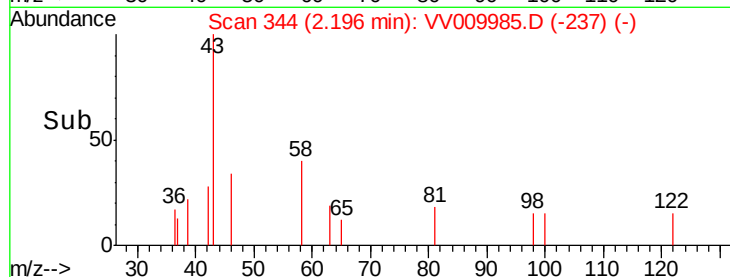
1000

500

0

Time-->

2.15 2.20



#16

Methylene chloride

Concen: 5.012 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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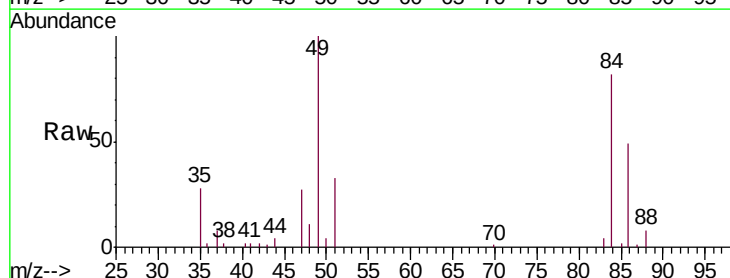
Tgt Ion: 84 Resp: 13198

Ion Ratio Lower Upper

84 100

49 121.7 90.4 167.8

86 59.9 44.0 81.6



Abundance Ion 84.00 (83.70 to 84.70): VV009978.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV009978.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV009978.D (-437) (-)

2.54

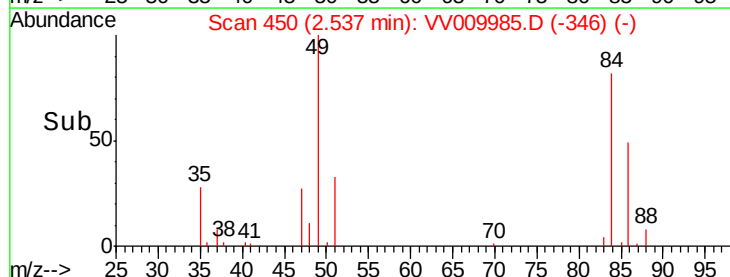
10000

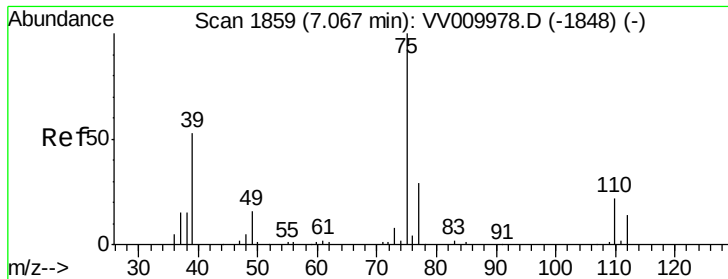
5000

0

Time-->

2.50 2.55 2.60



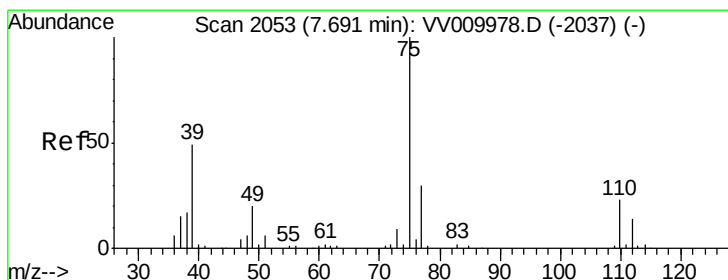
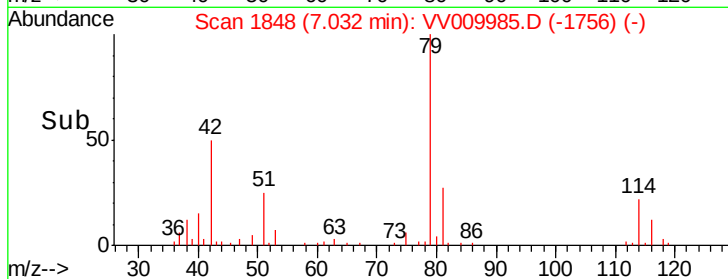
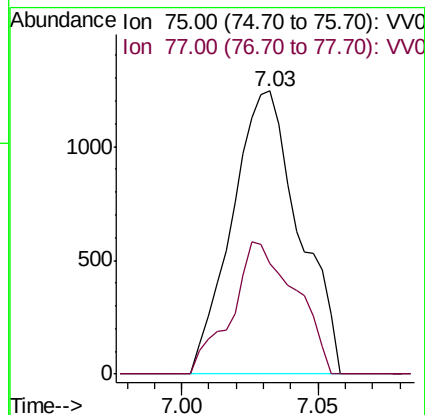
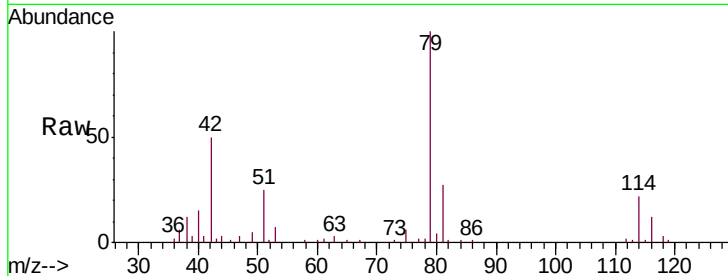


#42

cis-1,3-Dichloropropene
Concen: 0.682 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
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Instrument :
MSVOA_V
ClientSampled :
BF5C0

Tgt Ion: 75 Resp: 2122
Ion Ratio Lower Upper
75 100
77 39.1 21.8 40.6



#45

trans-1,3-Dichloropropene
Concen: 0.513 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV009985.D
Acq: 29 Mar 2019 00:57

Tgt Ion: 75 Resp: 1305
Ion Ratio Lower Upper
75 100
77 51.9 20.7 38.5#

