

Data File : VV010109.D
Acq On : 04 Apr 2019 15:14
Operator : SY/MD
Sample : K2215-11
Misc : 5.16G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF2P0

Quant Time: Apr 04 16:12:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:01:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	221070	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	211243	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	97244	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53669	18.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.52%
7) Chloroethane-d5	1.58	69	54863	14.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.68%
10) 1,1-Dichloroethene-d2	2.13	63	112507	15.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.28%
20) 2-Butanone-d5	3.94	46	32347	38.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.82%
24) Chloroform-d	4.40	84	123538	22.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.72%
26) 1,2-Dichloroethane-d4	5.08	65	71935	23.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.36%
29) Benzene-d6	5.10	84	255916	23.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.44%
33) 1,2-Dichloropropane-d6	6.12	67	75525	23.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.44%
37) Toluene-d8	7.36	98	235755	22.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.36%
38) trans-1,3-Dichloropropene-	7.66	79	24406	17.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.64%
39) 2-Hexanone-d5	8.13	63	21938	33.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.66%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	65001	20.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.56%
61) 1,2-Dichlorobenzene-d4	11.67	152	92107	24.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.28%

Target Compounds

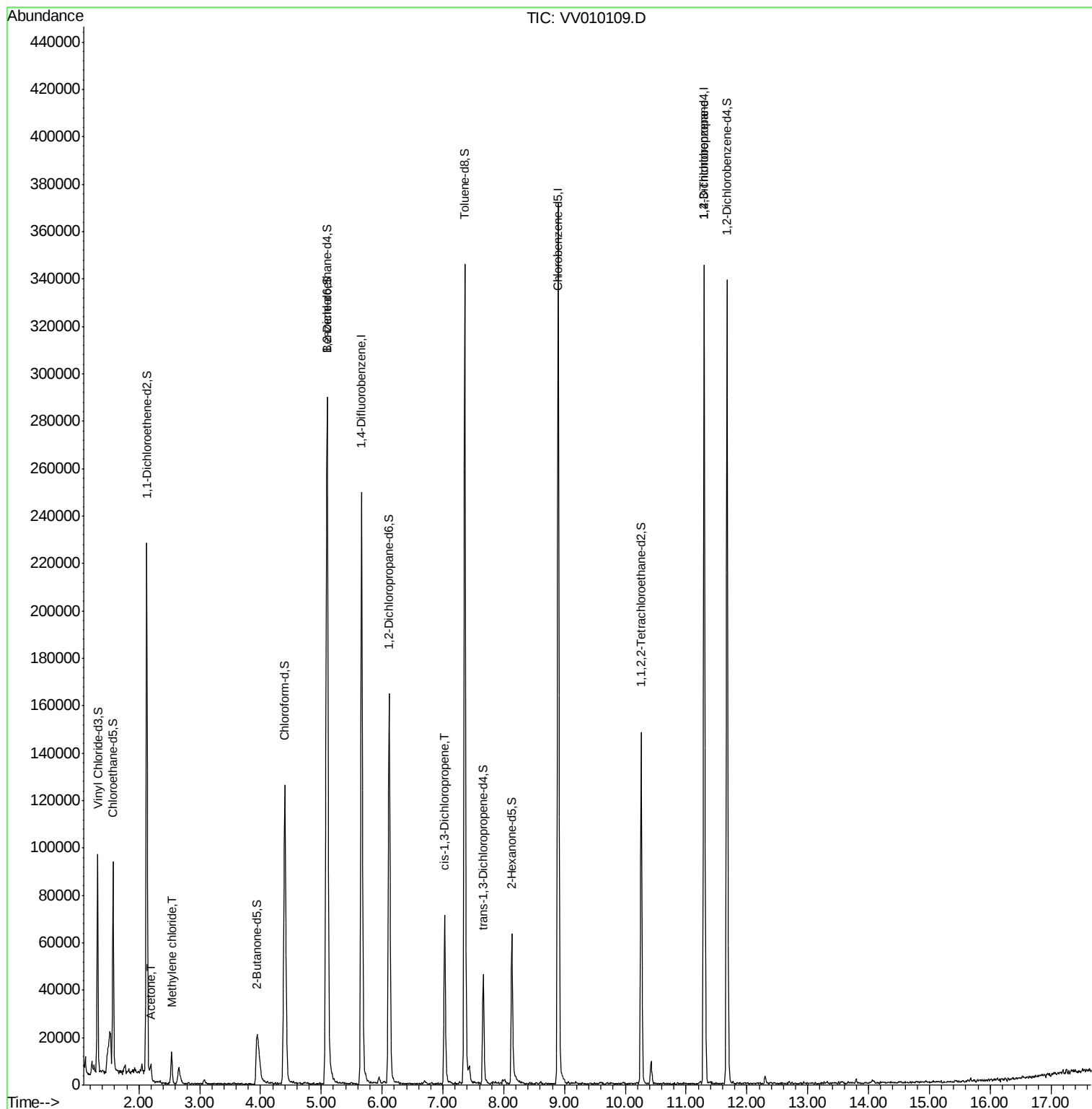
					Qvalue
13) Acetone	2.20	43	5862	7.040 ug/L	98
16) Methylene chloride	2.54	84	5661	1.458 ug/L	98
42) cis-1,3-Dichloropropene	7.03	75	2283	0.604 ug/L #	72
59) 1,2,3-Trichloropropane	11.29	75	12035	5.646 ug/L	89

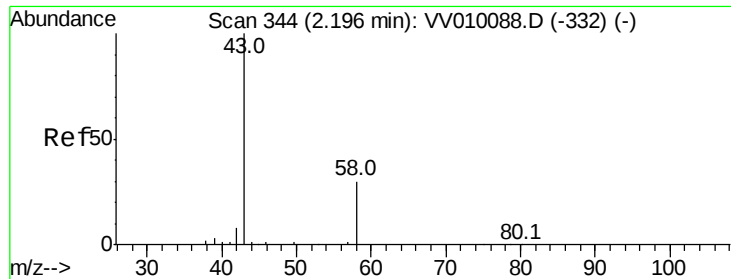
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.040 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.00 min

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Acq: 04 Apr 2019 15:14

Instrument :

MSVOA_V

ClientSampled :

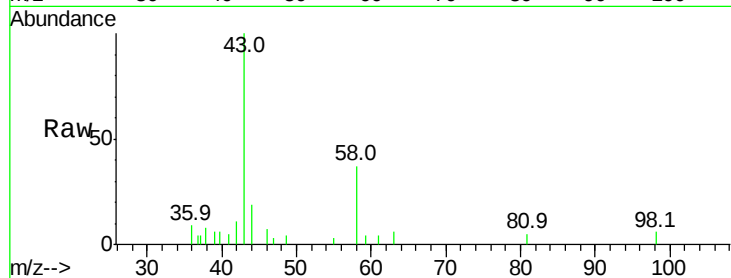
BF2P0

Tgt Ion: 43 Resp: 5862

Ion Ratio Lower Upper

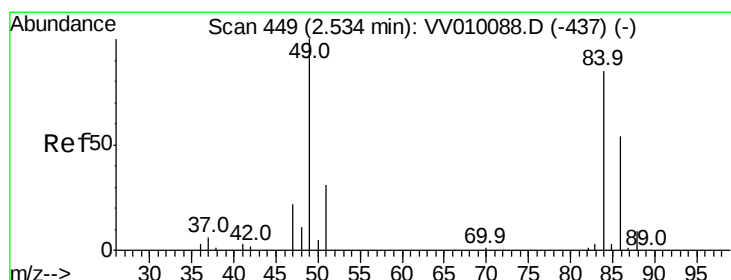
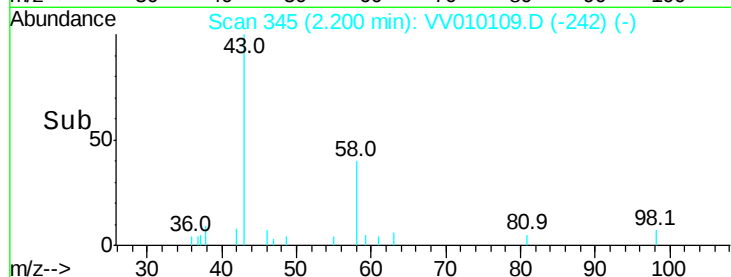
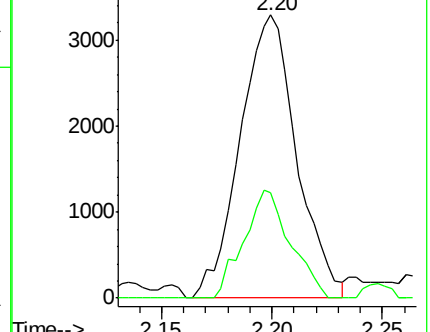
43 100

58 31.4 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010109.D (-345) (-)

Ion 58.00 (57.70 to 58.70): VV010109.D (-345) (-)



#16

Methylene chloride

Concen: 1.458 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV010109.D

Acq: 04 Apr 2019 15:14

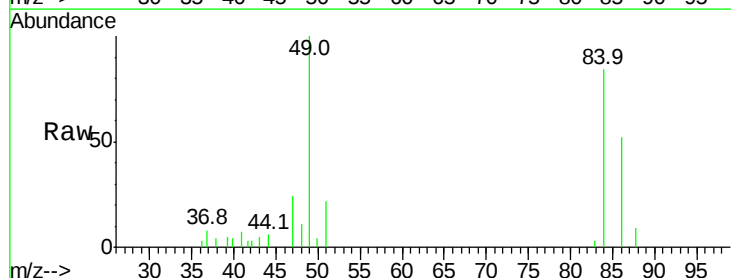
Tgt Ion: 84 Resp: 5661

Ion Ratio Lower Upper

84 100

49 118.7 84.3 156.5

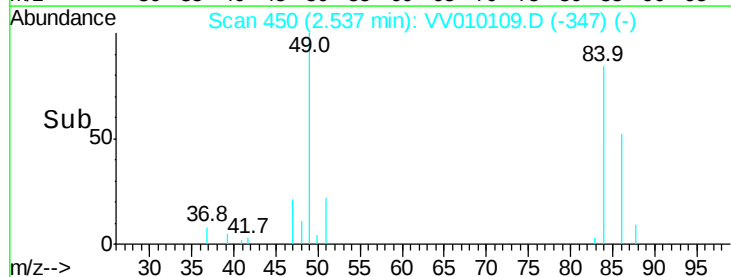
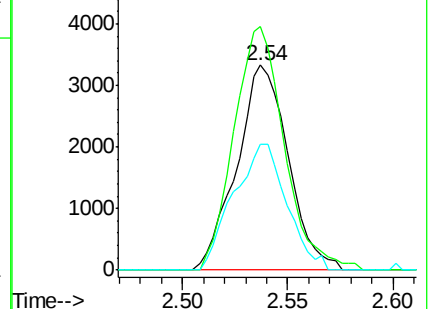
86 61.5 45.4 84.2

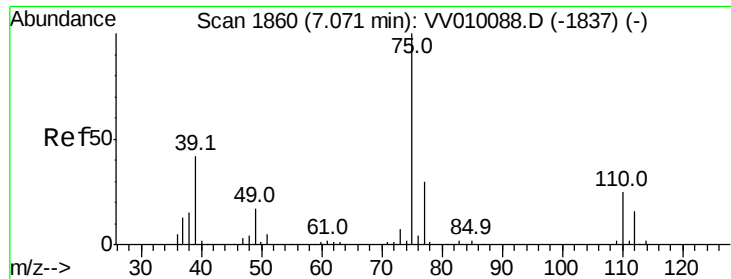


Abundance Ion 84.00 (83.70 to 84.70): VV010109.D (-449) (-)

Ion 49.00 (48.70 to 49.70): VV010109.D (-449) (-)

Ion 86.00 (85.70 to 86.70): VV010109.D (-449) (-)



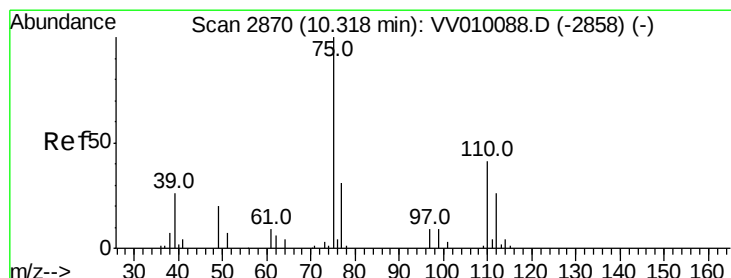
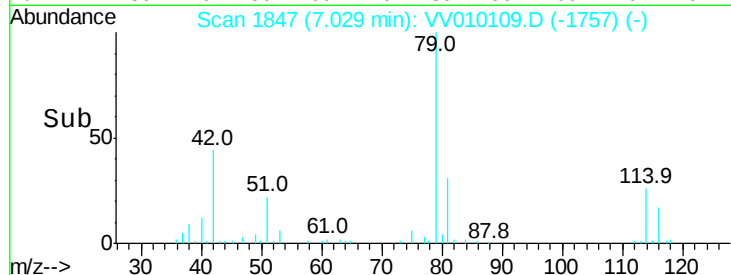
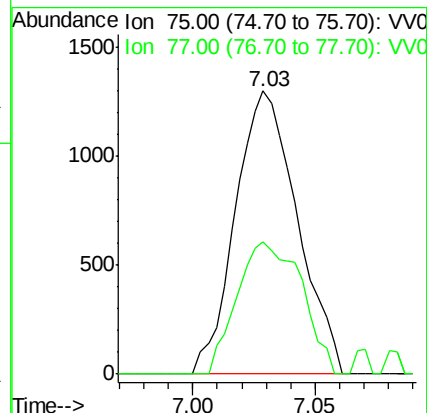
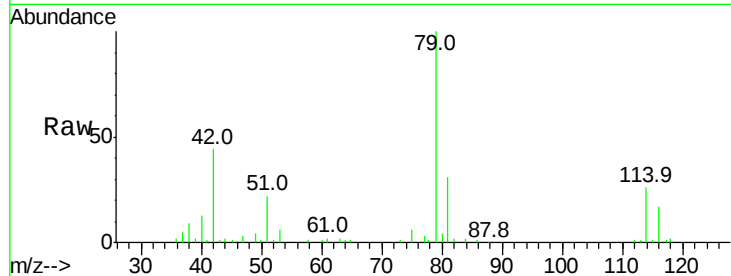


#42

cis-1,3-Dichloropropene
Concen: 0.604 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
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Instrument :
MSVOA_V
ClientSampled :
BF2P0

Tgt Ion: 75 Resp: 2283
Ion Ratio Lower Upper
75 100
77 46.9 22.1 41.1#



#59

1,2,3-Trichloropropane
Concen: 5.646 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010109.D
Acq: 04 Apr 2019 15:14

Tgt Ion: 75 Resp: 12035
Ion Ratio Lower Upper
75 100
77 38.4 25.8 38.8

