

Data File : VV010110.D
Acq On : 04 Apr 2019 15:40
Operator : SY/MD
Sample : K2215-12
Misc : 5.30G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF2P1

Quant Time: Apr 04 16:13:19 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	223219	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	210790	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	96209	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52641	17.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.48%
7) Chloroethane-d5	1.57	69	62372	16.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.20%
10) 1,1-Dichloroethene-d2	2.12	63	115290	15.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.16%
20) 2-Butanone-d5	3.94	46	40077	47.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.26%
24) Chloroform-d	4.40	84	123895	22.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.12%
26) 1,2-Dichloroethane-d4	5.08	65	76044	24.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.68%
29) Benzene-d6	5.10	84	251461	23.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.00%
33) 1,2-Dichloropropane-d6	6.12	67	75916	23.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.12%
37) Toluene-d8	7.36	98	231763	22.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.04%
38) trans-1,3-Dichloropropene-	7.66	79	28447	20.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.52%
39) 2-Hexanone-d5	8.14	63	31094	48.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.12%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	74735	23.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	90654	24.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.76%

Target Compounds

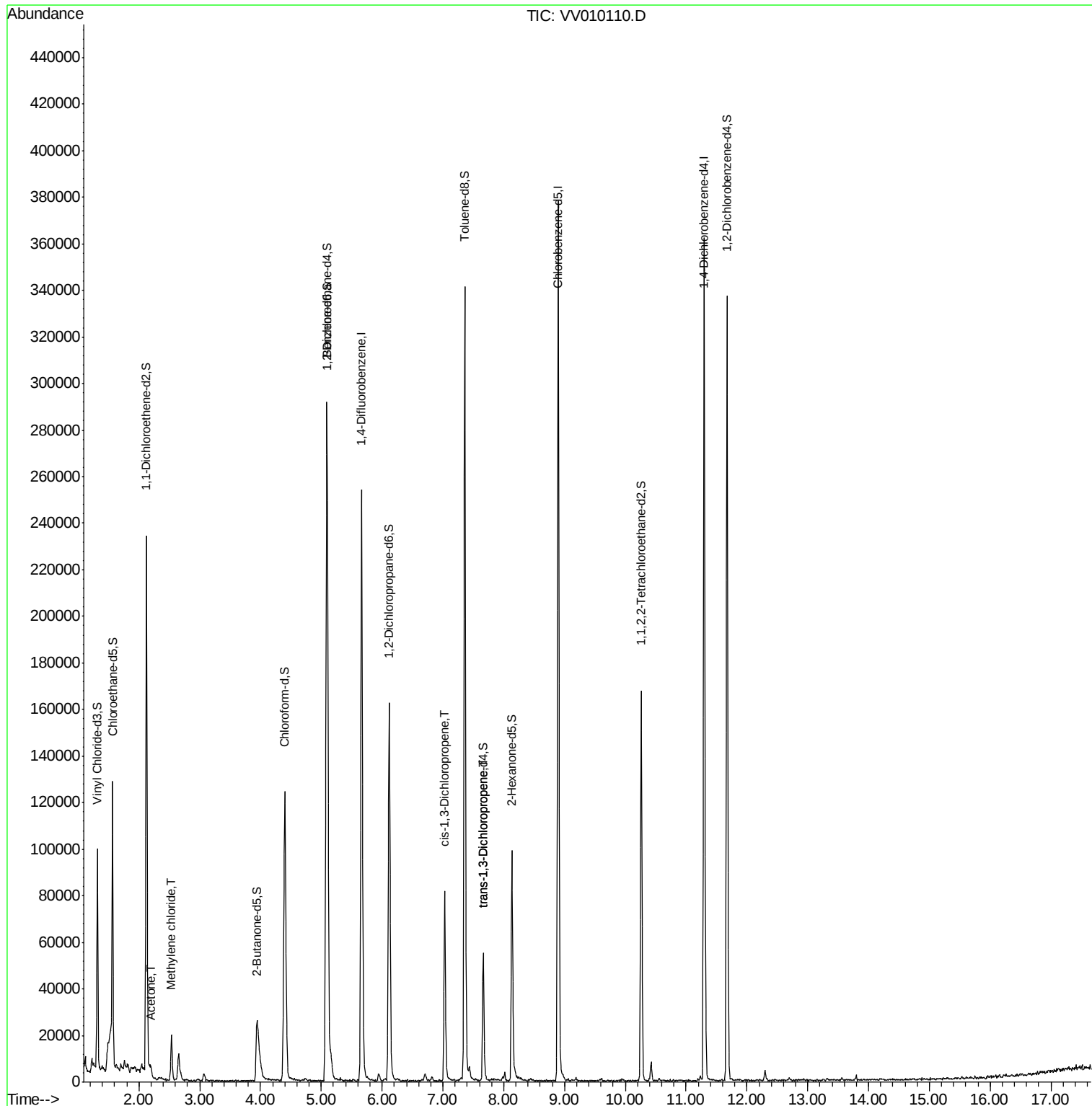
					Qvalue
13) Acetone	2.20	43	4999	5.946 ug/L	92
16) Methylene chloride	2.53	84	7929	2.022 ug/L	92
42) cis-1,3-Dichloropropene	7.03	75	1999	0.530 ug/L #	48
45) trans-1,3-Dichloropropene	7.67	75	1772	0.553 ug/L	97

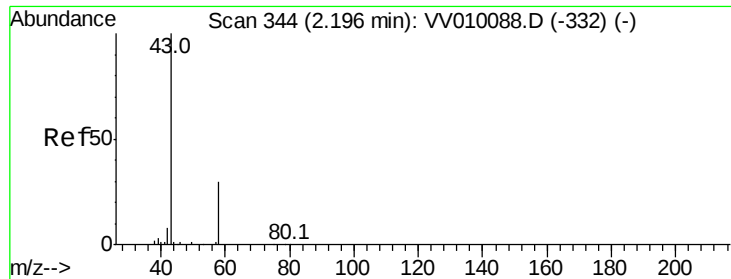
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.946 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampled :

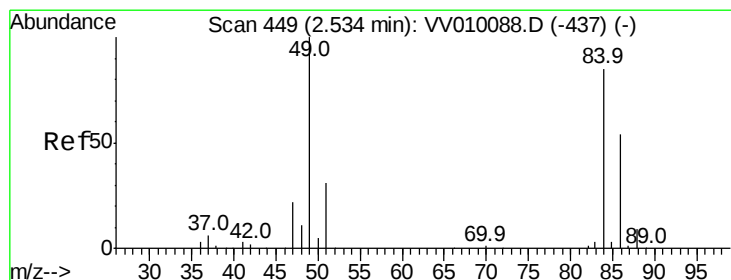
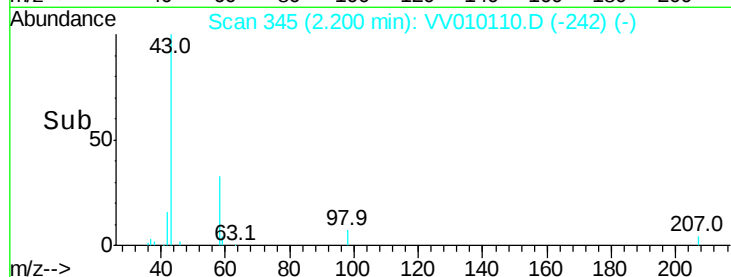
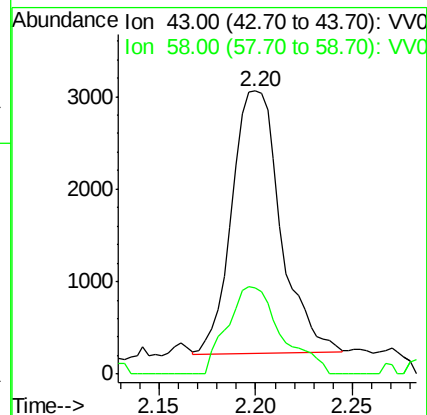
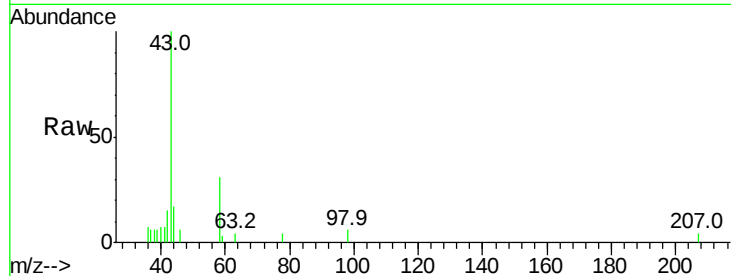
BF2P1

Tgt Ion: 43 Resp: 4999

Ion Ratio Lower Upper

43 100

58 36.7 0.0 64.6



#16

Methylene chloride

Concen: 2.022 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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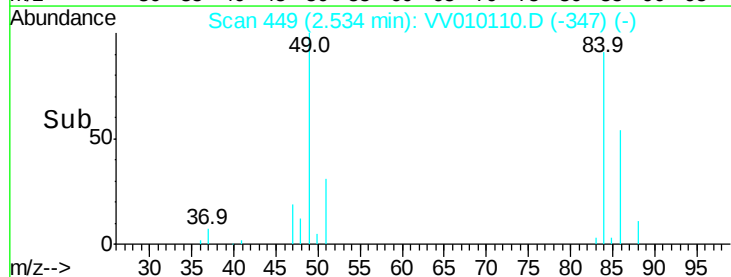
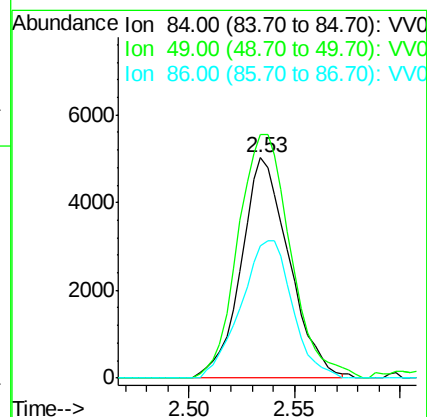
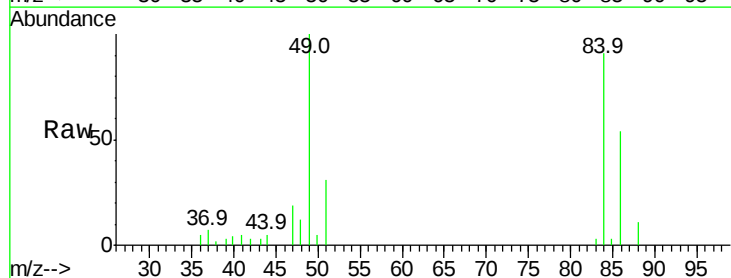
Tgt Ion: 84 Resp: 7929

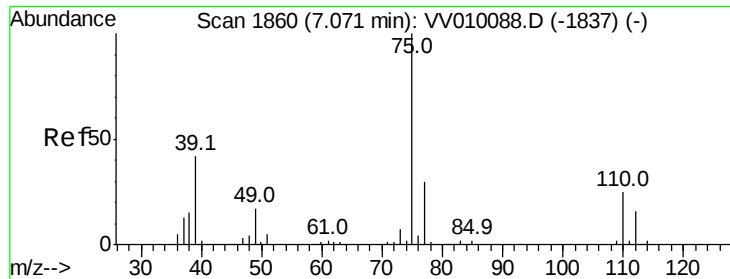
Ion Ratio Lower Upper

84 100

49 110.3 84.3 156.5

86 59.7 45.4 84.2



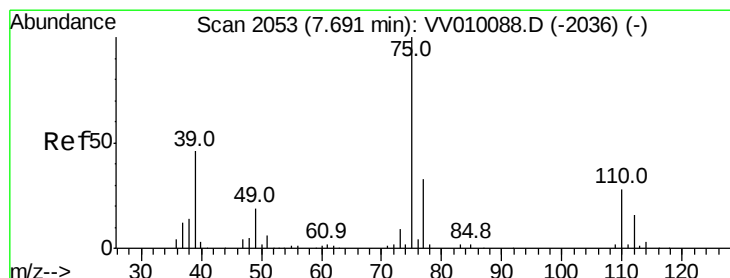
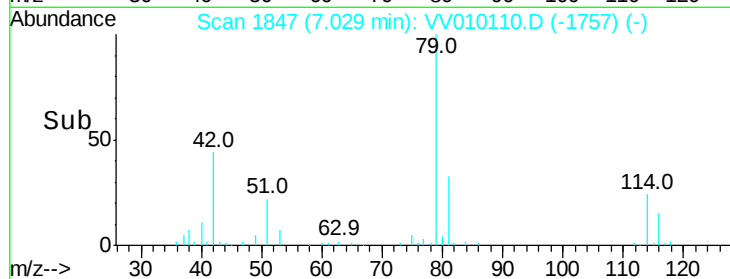
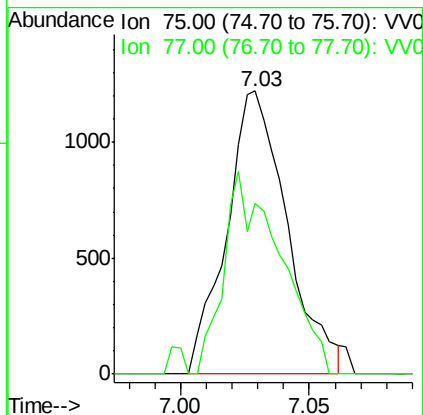
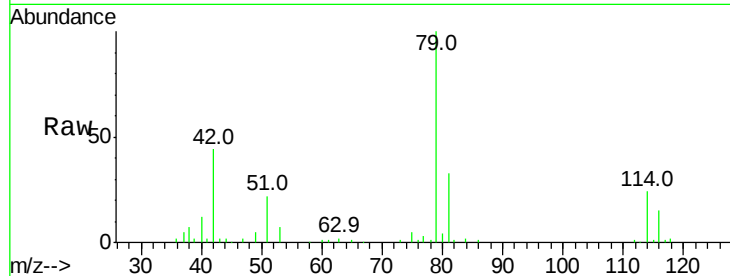


#42

cis-1,3-Dichloropropene
 Concen: 0.530 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
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 BF2P1

Tgt Ion: 75 Resp: 1999
 Ion Ratio Lower Upper
 75 100
 77 60.3 22.1 41.1#



#45

trans-1,3-Dichloropropene
 Concen: 0.553 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV010110.D
 Acq: 04 Apr 2019 15:40

Tgt Ion: 75 Resp: 1772
 Ion Ratio Lower Upper
 75 100
 77 35.1 23.5 43.7

