

Data File : VV010219.D
Acq On : 10 Apr 2019 19:40
Operator : SY/MD
Sample : K2122-10
Misc : 5.02G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 11 07:10:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 07:05:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	293221	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	274249	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	126824	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73250	21.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.80%
7) Chloroethane-d5	1.57	69	65908	22.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.88%
10) 1,1-Dichloroethene-d2	2.13	63	141874	16.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.04%
20) 2-Butanone-d5	3.93	46	38655	45.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.50%
24) Chloroform-d	4.40	84	139645	20.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.08	65	85270	22.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.44%
29) Benzene-d6	5.10	84	311179	23.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.12%
33) 1,2-Dichloropropane-d6	6.12	67	89068	22.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.56%
37) Toluene-d8	7.36	98	299185	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.80%
38) trans-1,3-Dichloropropene-	7.66	79	35746	21.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.20%
39) 2-Hexanone-d5	8.13	63	29503	43.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.86%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	78727	22.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.20%
61) 1,2-Dichlorobenzene-d4	11.68	152	110675	23.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.52%

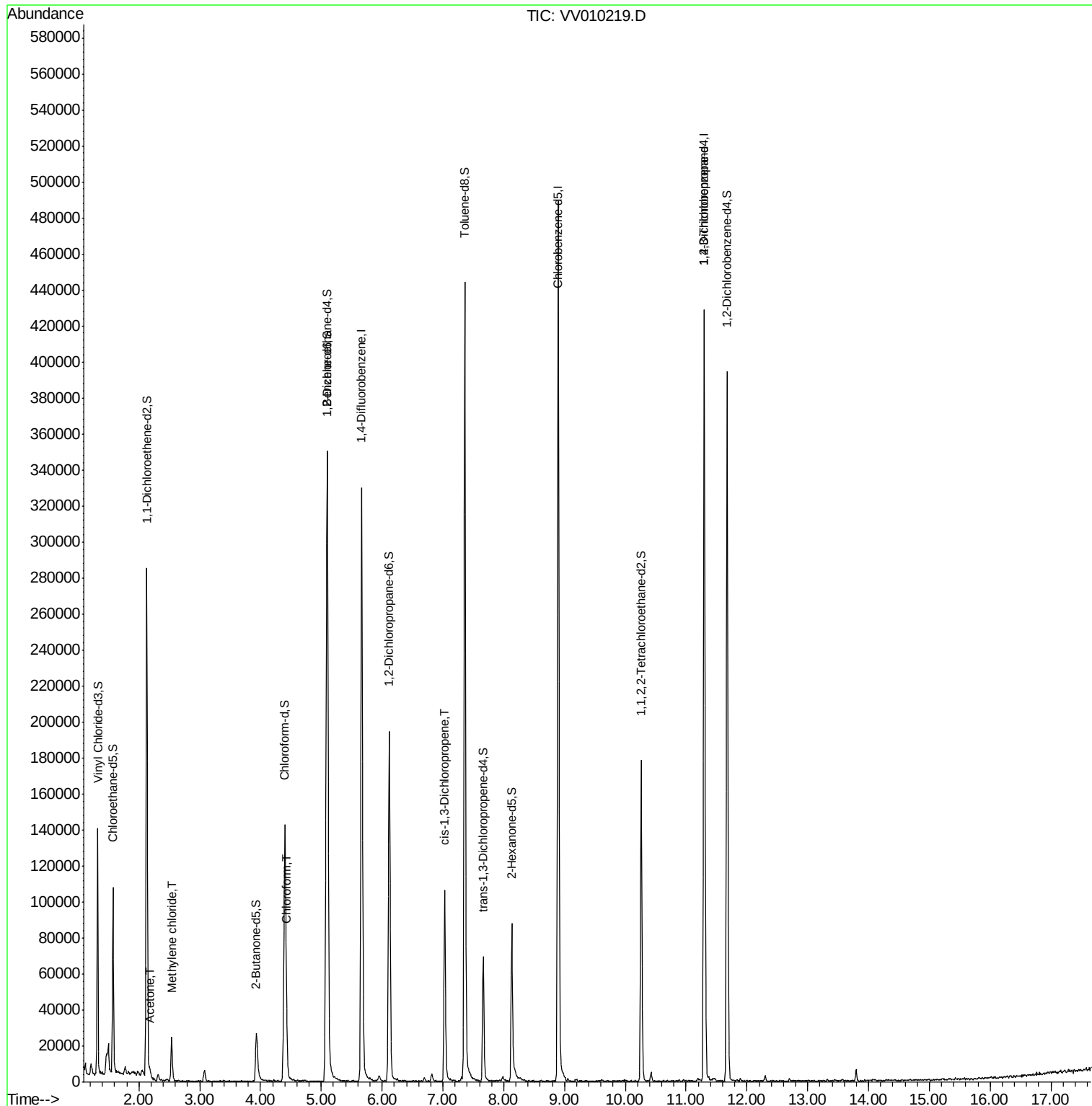
Target Compounds

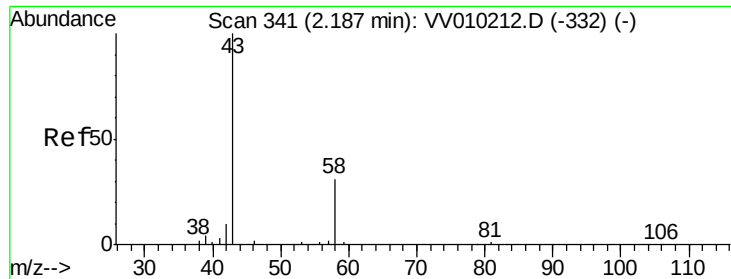
					Qvalue
13) Acetone	2.19	43	1882	2.062 ug/L	92
16) Methylene chloride	2.54	84	10325	1.798 ug/L	93
25) Chloroform	4.43	83	12386	1.725 ug/L	92
42) cis-1,3-Dichloropropene	7.03	75	3619	0.702 ug/L	89
59) 1,2,3-Trichloropropane	11.30	75	15044	5.732 ug/L	92

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

Data File : VV010219.D
Acq On : 10 Apr 2019 19:40
Operator : SY/MD
Sample : K2122-10
Misc : 5.02G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 11 07:10:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 07:05:16 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.062 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV010219.D

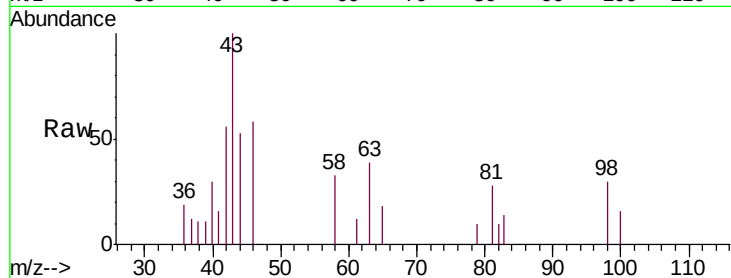
Acq: 10 Apr 2019 19:40

Tgt Ion: 43 Resp: 1882

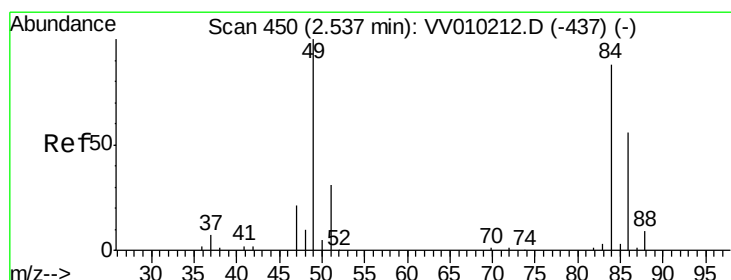
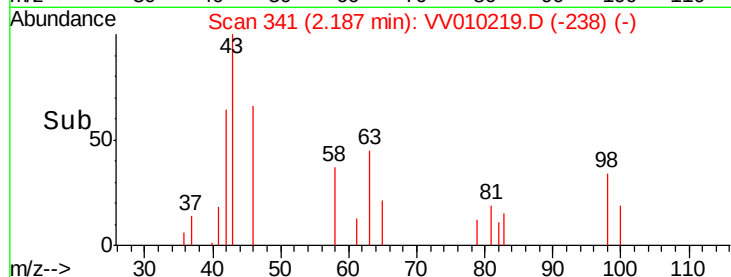
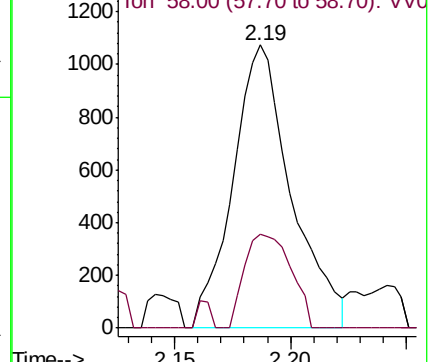
Ion Ratio Lower Upper

43 100

58 26.5 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010219.D (-238) (-)



#16

Methylene chloride

Concen: 1.798 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

Lab File: VV010219.D

Acq: 10 Apr 2019 19:40

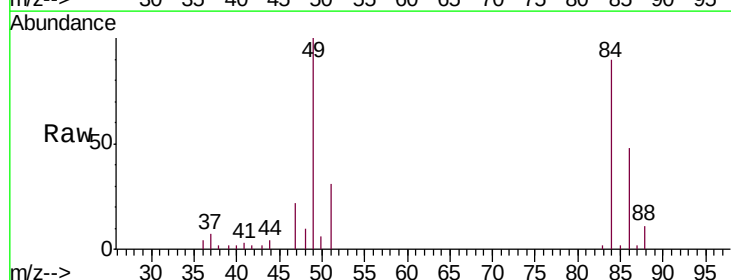
Tgt Ion: 84 Resp: 10325

Ion Ratio Lower Upper

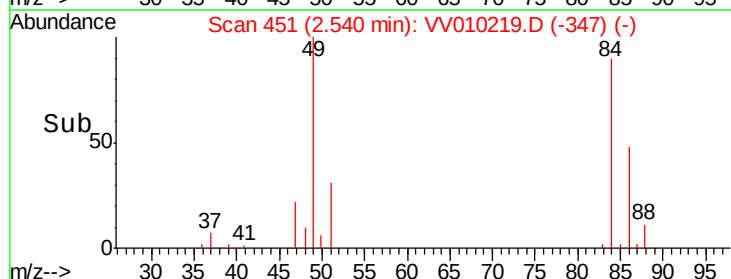
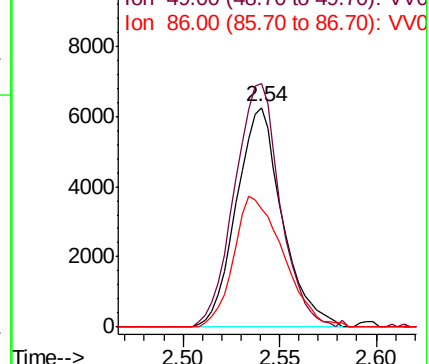
84 100

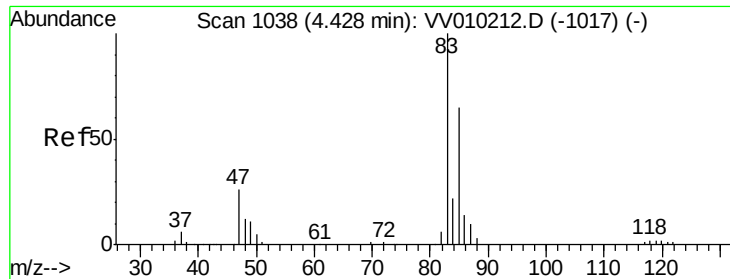
49 110.8 79.9 148.5

86 53.7 44.5 82.7



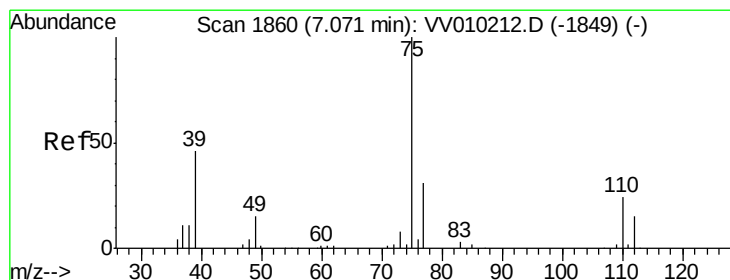
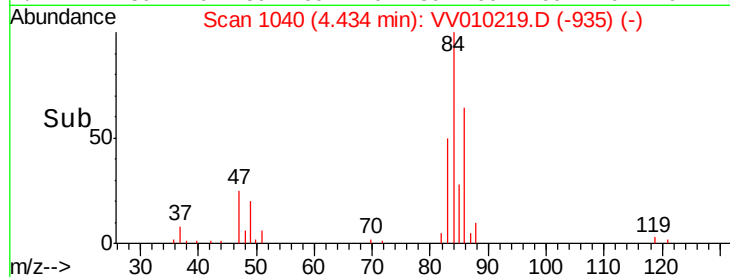
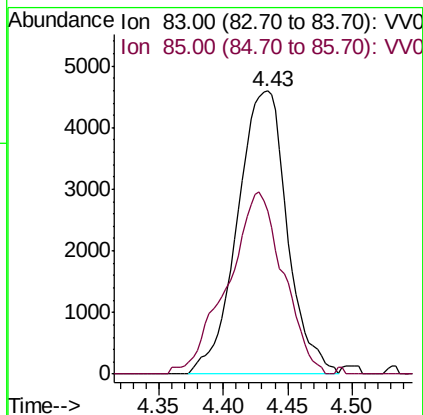
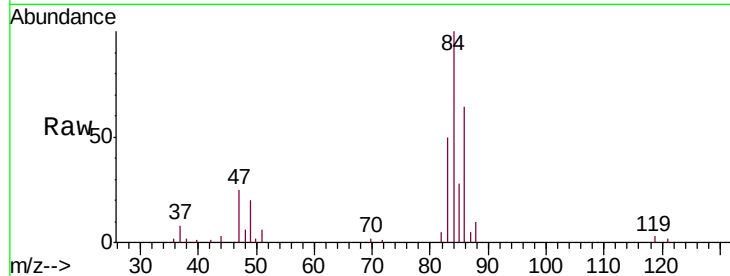
Abundance Ion 84.00 (83.70 to 84.70): VV010219.D (-347) (-)





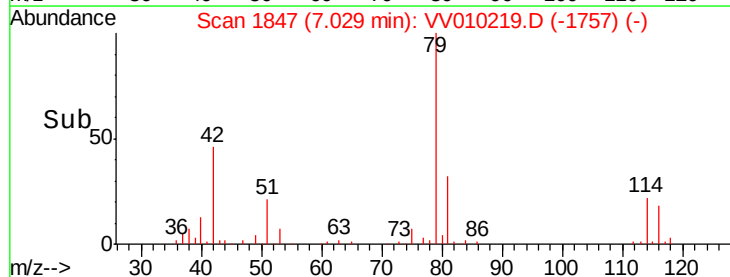
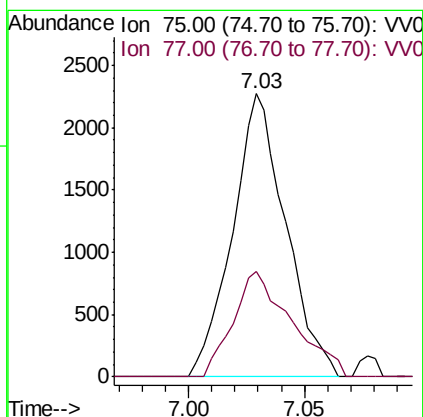
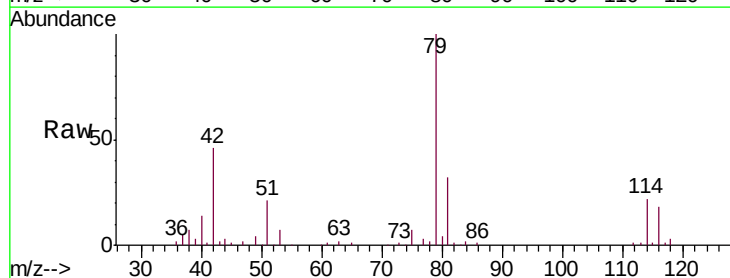
#25
Chloroform
Concen: 1.725 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.01 min
Lab File: VV010219.D
Acq: 10 Apr 2019 19:40

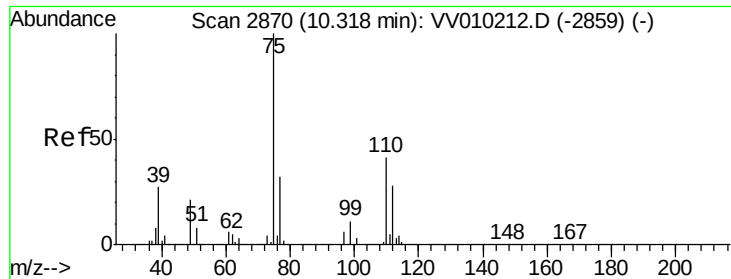
Tgt Ion: 83 Resp: 12386
Ion Ratio Lower Upper
83 100
85 71.0 45.4 84.2



#42
cis-1,3-Dichloropropene
Concen: 0.702 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010219.D
Acq: 10 Apr 2019 19:40

Tgt Ion: 75 Resp: 3619
Ion Ratio Lower Upper
75 100
77 37.2 21.9 40.7





#59

1,2,3-Trichloropropane

Concen: 5.732 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010219.D

Acq: 10 Apr 2019 19:40

Tgt Ion: 75 Resp: 15044

Ion Ratio Lower Upper

75 100

77 38.1 26.9 40.3

