

Data File : VV010225.D
Acq On : 10 Apr 2019 22:16
Operator : SY/MD
Sample : K2246-21
Misc : 5.02G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 11 07:11:56 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	5.66	114	264017	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	261368	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	113429	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63551	20.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.64%
7) Chloroethane-d5	1.57	69	61072	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.52%
10) 1,1-Dichloroethene-d2	2.13	63	124223	16.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.24%
20) 2-Butanone-d5	3.93	46	43309	56.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.62%
24) Chloroform-d	4.40	84	130010	21.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.24%
26) 1,2-Dichloroethane-d4	5.08	65	84892	24.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.88%
29) Benzene-d6	5.10	84	282924	22.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.80%
33) 1,2-Dichloropropane-d6	6.12	67	83527	22.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.12%
37) Toluene-d8	7.36	98	277052	22.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.16%
38) trans-1,3-Dichloropropene-	7.66	79	35690	22.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.36%
39) 2-Hexanone-d5	8.13	63	30020	46.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.74%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	79148	23.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.08%
61) 1,2-Dichlorobenzene-d4	11.67	152	103639	24.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.96%

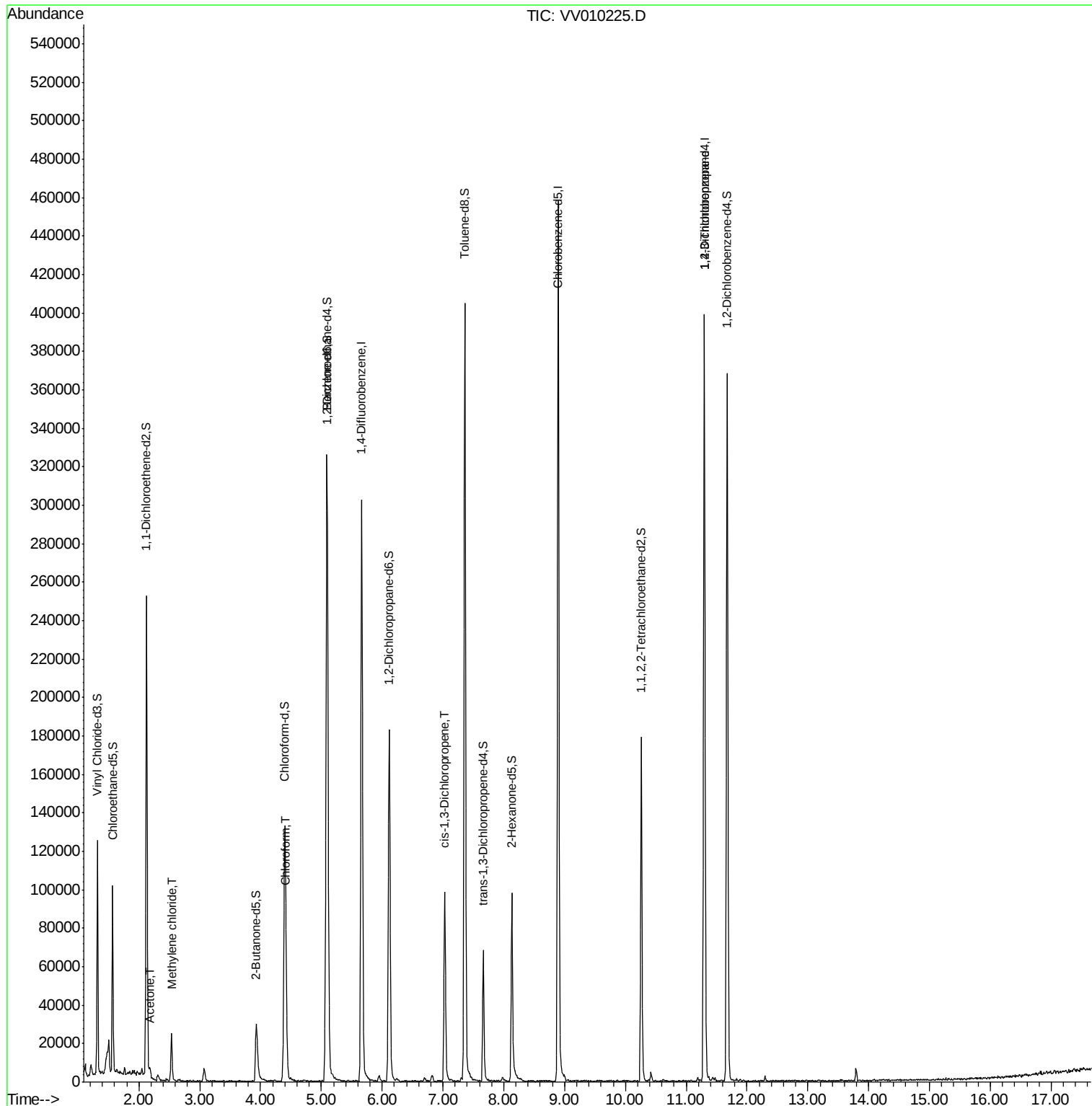
Target Compounds

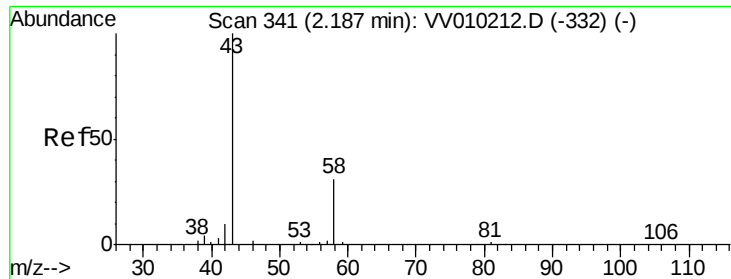
					Qvalue
13) Acetone	2.19	43	2243	2.730 ug/L	91
16) Methylene chloride	2.54	84	9739	1.884 ug/L	97
25) Chloroform	4.43	83	13215	2.043 ug/L	95
42) cis-1,3-Dichloropropene	7.03	75	3327	0.677 ug/L	98
59) 1,2,3-Trichloropropane	11.30	75	14092	5.634 ug/L	99

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

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#13

Acetone

Concen: 2.730 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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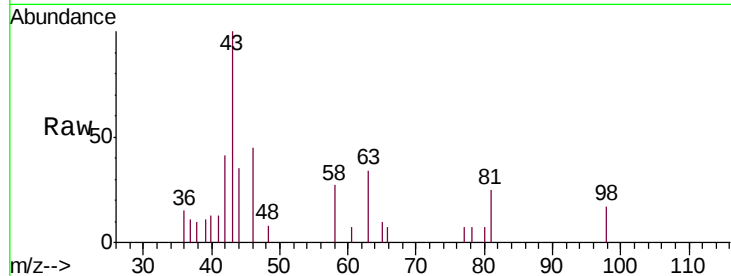
Acq: 10 Apr 2019 22:16

Tgt Ion: 43 Resp: 2243

Ion Ratio Lower Upper

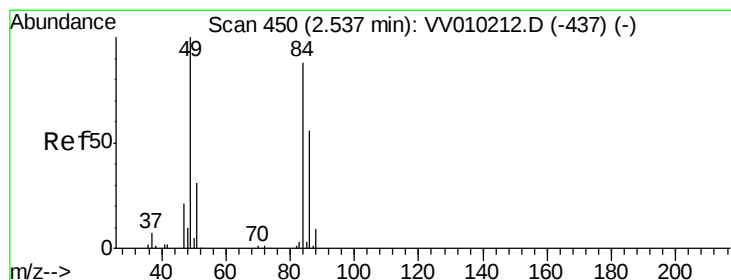
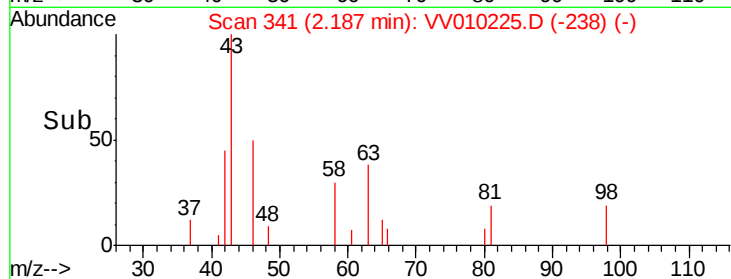
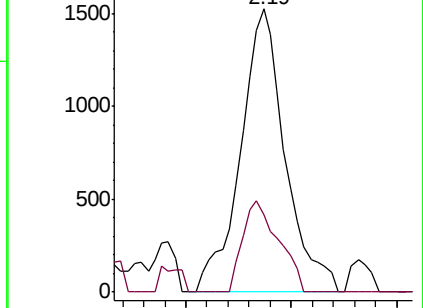
43 100

58 25.9 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010225.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV010225.D (-332) (-)



#16

Methylene chloride

Concen: 1.884 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV010225.D

Acq: 10 Apr 2019 22:16

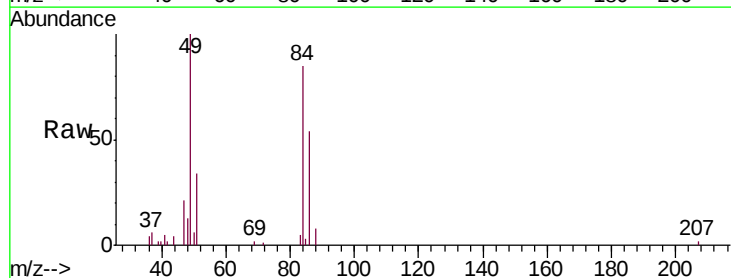
Tgt Ion: 84 Resp: 9739

Ion Ratio Lower Upper

84 100

49 118.1 79.9 148.5

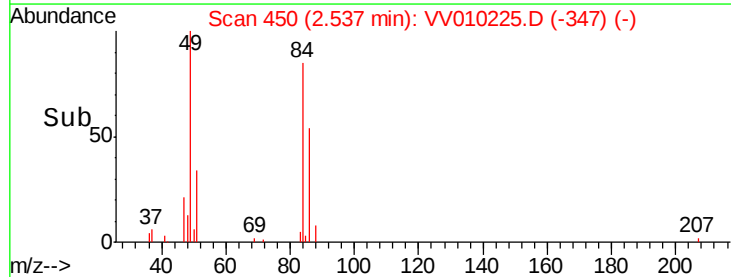
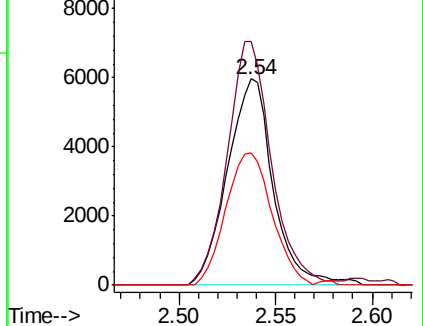
86 64.3 44.5 82.7

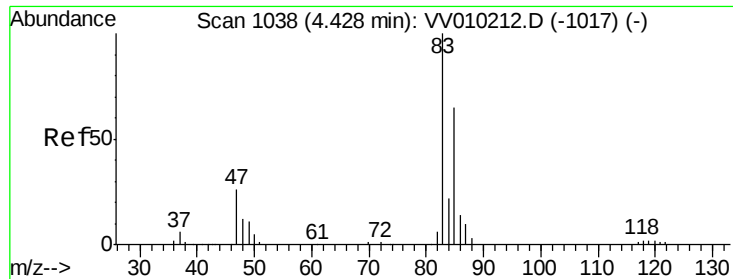


Abundance Ion 84.00 (83.70 to 84.70): VV010225.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010225.D (-437) (-)

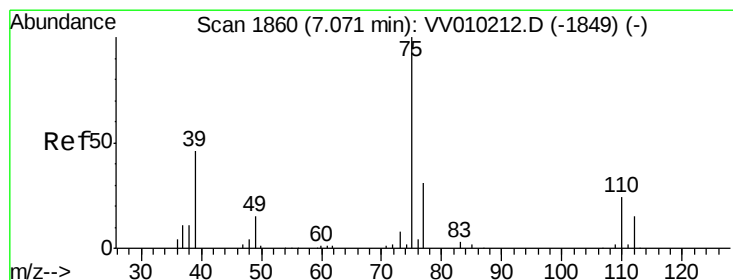
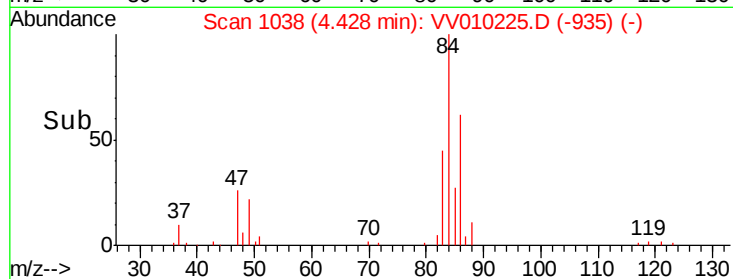
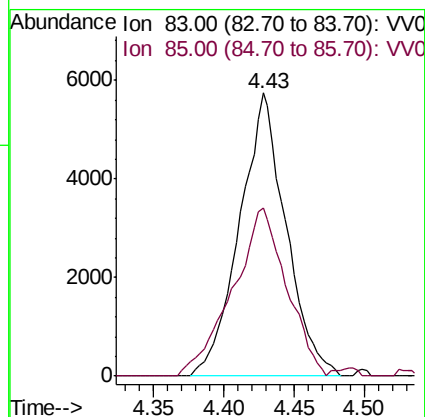
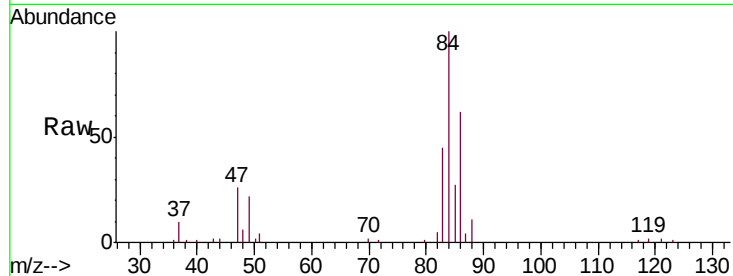
Ion 86.00 (85.70 to 86.70): VV010225.D (-437) (-)





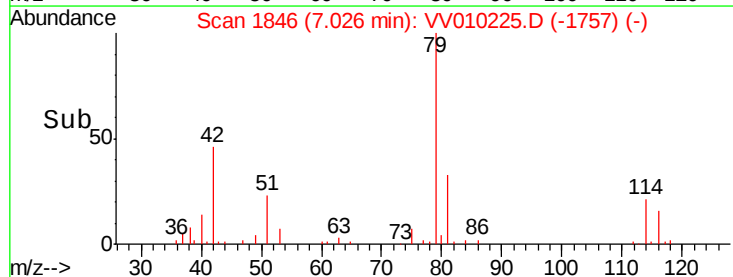
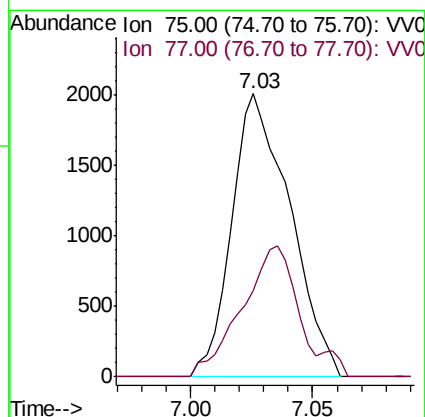
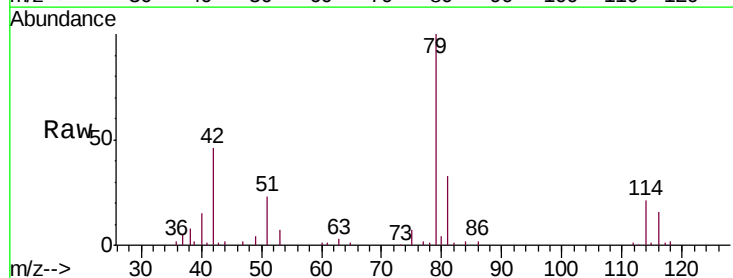
#25
Chloroform
Concen: 2.043 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
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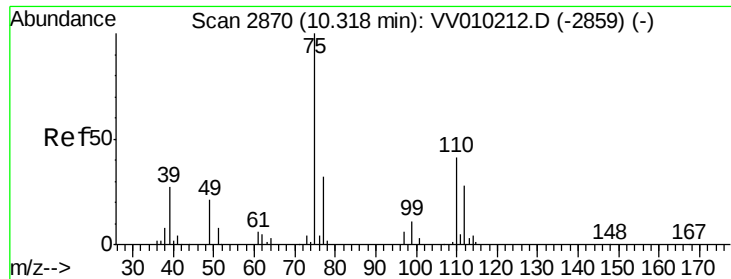
Tgt Ion: 83 Resp: 13215
Ion Ratio Lower Upper
83 100
85 68.8 45.4 84.2



#42
cis-1,3-Dichloropropene
Concen: 0.677 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV010225.D
Acq: 10 Apr 2019 22:16

Tgt Ion: 75 Resp: 3327
Ion Ratio Lower Upper
75 100
77 30.4 21.9 40.7





#59
 1,2,3-Trichloropropane
 Concen: 5.634 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010225.D
 Acq: 10 Apr 2019 22:16

Tgt Ion: 75 Resp: 14092
 Ion Ratio Lower Upper
 75 100
 77 34.2 26.9 40.3

