

Data File : VV010222.D
Acq On : 10 Apr 2019 20:58
Operator : SY/MD
Sample : K2259-09
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 11 07:11:28 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	274811	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	269728	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	121232	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71596	22.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.52%
7) Chloroethane-d5	1.57	69	64963	23.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.56%
10) 1,1-Dichloroethene-d2	2.13	63	140959	17.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.04%
20) 2-Butanone-d5	3.93	46	42487	53.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.14%
24) Chloroform-d	4.40	84	141883	22.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.44%
26) 1,2-Dichloroethane-d4	5.08	65	90248	25.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.00%
29) Benzene-d6	5.10	84	319618	24.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.32%
33) 1,2-Dichloropropane-d6	6.12	67	93517	24.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.68%
37) Toluene-d8	7.36	98	305306	24.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.28%
38) trans-1,3-Dichloropropene-	7.66	79	36881	22.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.48%
39) 2-Hexanone-d5	8.13	63	31048	46.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.94%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	80237	23.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.44%
61) 1,2-Dichlorobenzene-d4	11.67	152	112210	25.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.24%

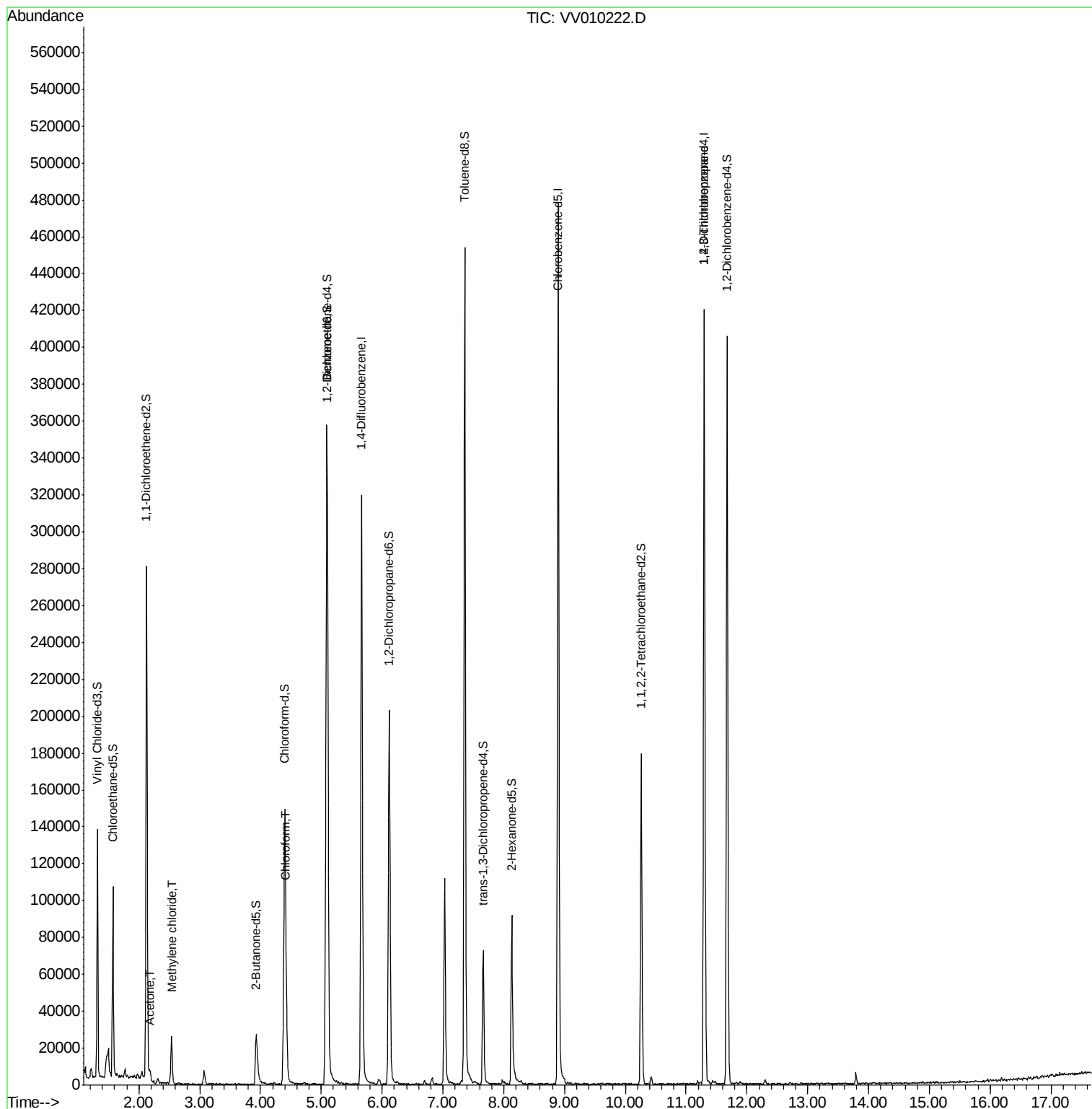
Target Compounds

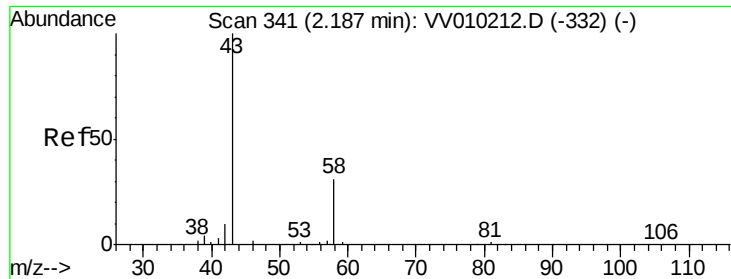
					Qvalue
13) Acetone	2.19	43	2570	3.005 ug/L	99
16) Methylene chloride	2.54	84	11002	2.044 ug/L	93
25) Chloroform	4.43	83	15028	2.233 ug/L #	74
59) 1,2,3-Trichloropropane	11.30	75	15950	6.179 ug/L	100

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

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#13

Acetone

Concen: 3.005 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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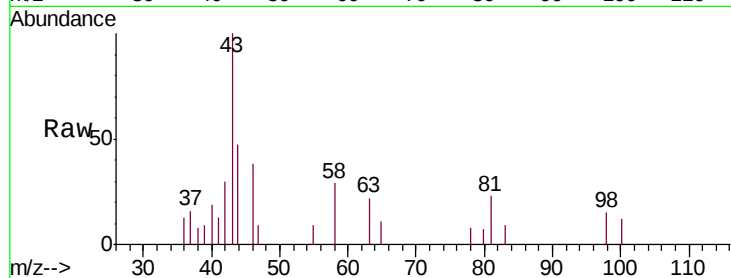
Acq: 10 Apr 2019 20:58

Tgt Ion: 43 Resp: 2570

Ion Ratio Lower Upper

43 100

58 31.4 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010222.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV010222.D (-332) (-)

2.19

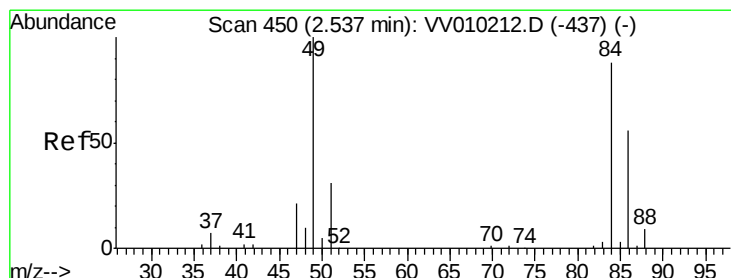
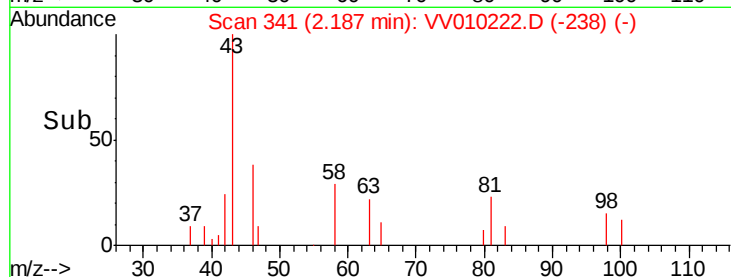
1500

1000

500

0

Time-->



#16

Methylene chloride

Concen: 2.044 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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Acq: 10 Apr 2019 20:58

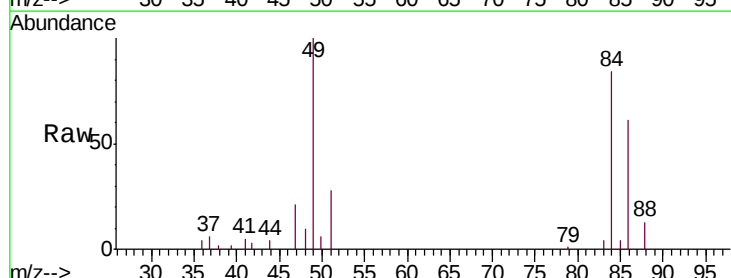
Tgt Ion: 84 Resp: 11002

Ion Ratio Lower Upper

84 100

49 118.6 79.9 148.5

86 72.2 44.5 82.7



Abundance Ion 84.00 (83.70 to 84.70): VV010222.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010222.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010222.D (-437) (-)

2.54

10000

8000

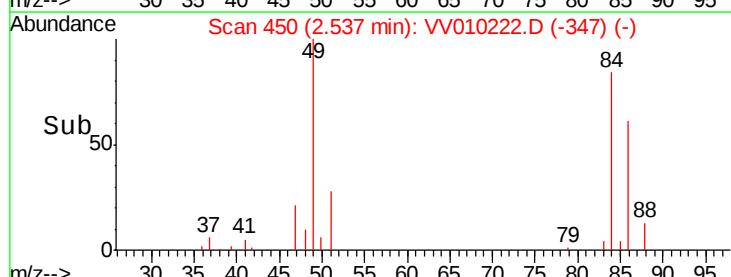
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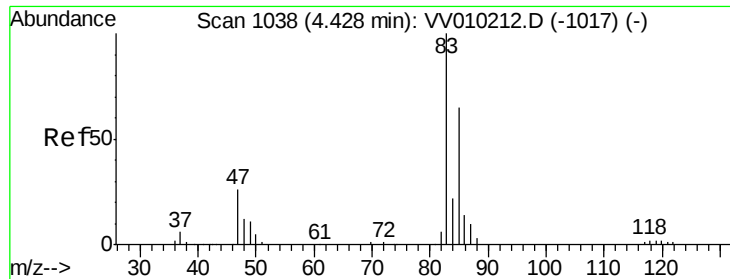
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2000

0

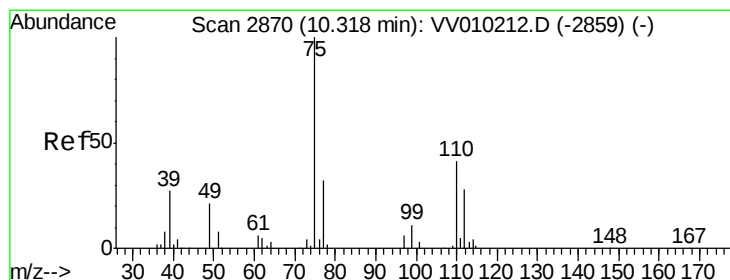
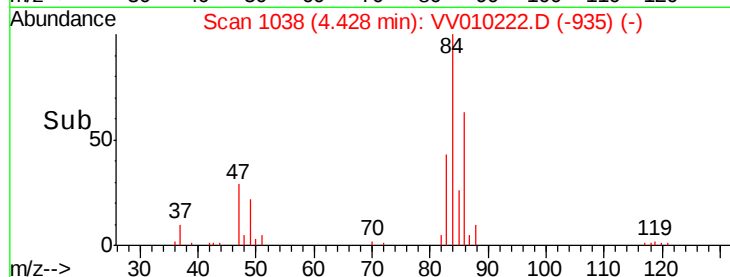
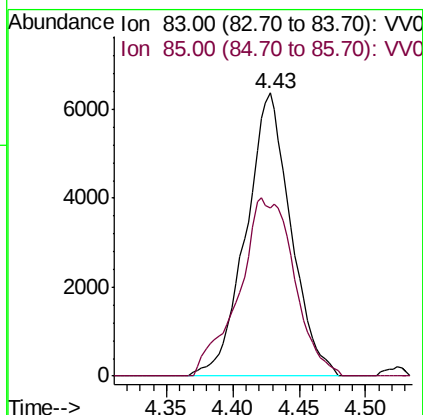
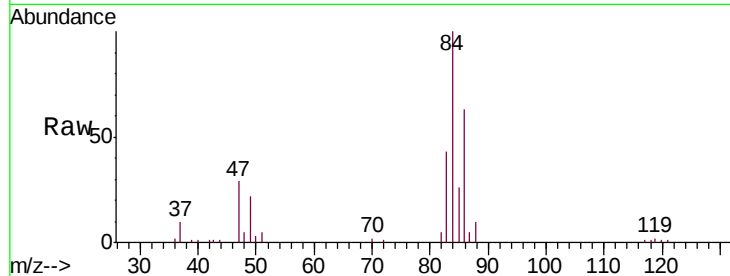
Time-->





#25
Chloroform
Concen: 2.233 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
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Tgt Ion: 83 Resp: 15028
Ion Ratio Lower Upper
83 100
85 44.5 45.4 84.2#



#59
1,2,3-Trichloropropane
Concen: 6.179 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010222.D
Acq: 10 Apr 2019 20:58

Tgt Ion: 75 Resp: 15950
Ion Ratio Lower Upper
75 100
77 33.7 26.9 40.3

