

Data File : VV010226.D
Acq On : 10 Apr 2019 22:42
Operator : SY/MD
Sample : K2128-16
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 11 07:12:08 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	259362	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	260909	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	115081	25.00	ug/L	0.00

System Monitoring Compounds

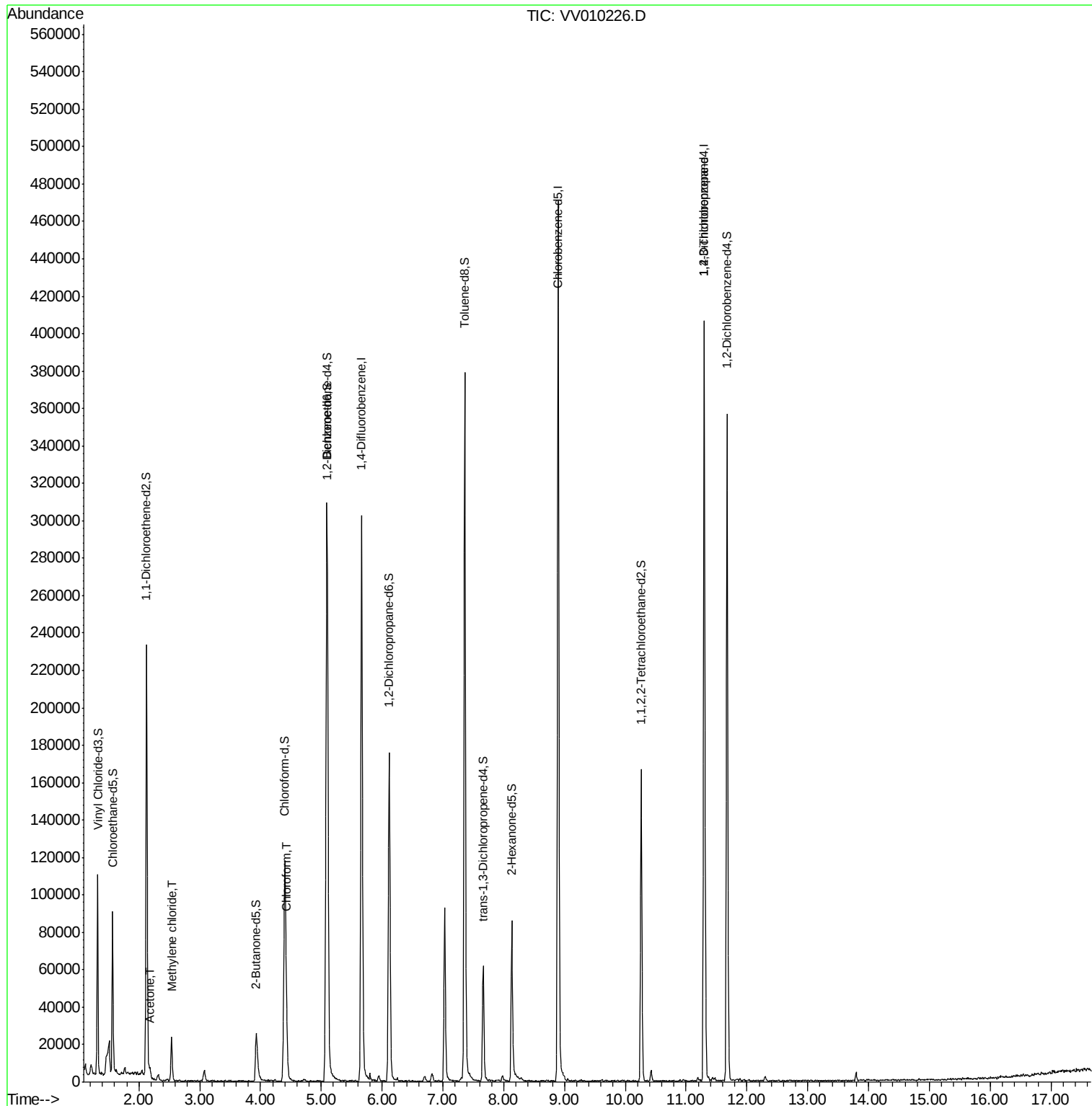
4) Vinyl Chloride-d3	1.32	65	59621	19.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.88%
7) Chloroethane-d5	1.57	69	54417	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.84%
10) 1,1-Dichloroethene-d2	2.13	63	114302	15.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.16%
20) 2-Butanone-d5	3.93	46	38938	51.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.08%
24) Chloroform-d	4.40	84	114788	19.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.52%
26) 1,2-Dichloroethane-d4	5.08	65	77812	23.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.28%
29) Benzene-d6	5.10	84	272693	21.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.72%
33) 1,2-Dichloropropane-d6	6.12	67	80392	21.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.92%
37) Toluene-d8	7.36	98	254956	20.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.12%
38) trans-1,3-Dichloropropene-	7.66	79	32313	20.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.84%
39) 2-Hexanone-d5	8.13	63	27153	42.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.02%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	72295	21.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	95012	22.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.44%

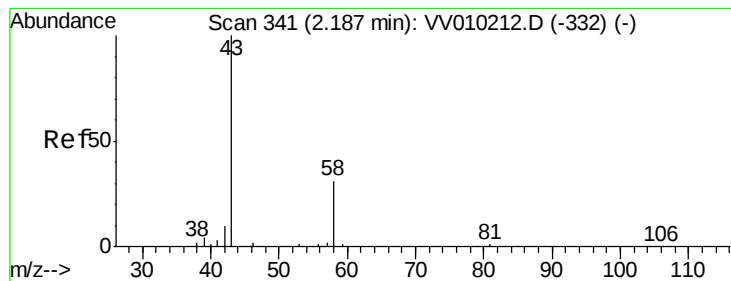
Target Compounds					Qvalue
13) Acetone	2.19	43	2540	3.146 ug/L	88
16) Methylene chloride	2.54	84	9708	1.911 ug/L	93
25) Chloroform	4.43	83	17220	2.711 ug/L	88
59) 1,2,3-Trichloropropane	11.30	75	13501	5.407 ug/L	92

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

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#13

Acetone

Concen: 3.146 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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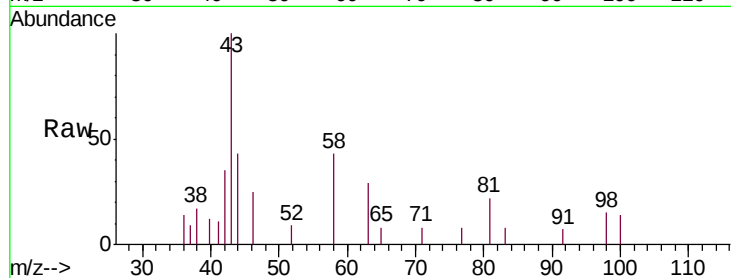
Acq: 10 Apr 2019 22:42

Tgt Ion: 43 Resp: 2540

Ion Ratio Lower Upper

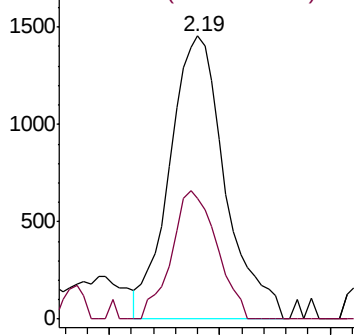
43 100

58 37.1 0.0 61.6

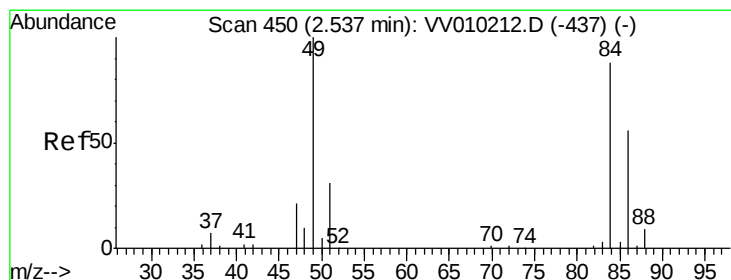
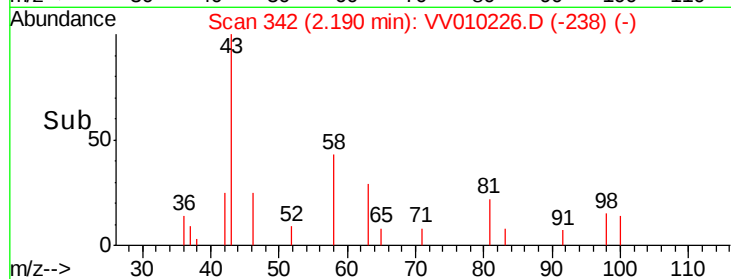


Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



Time-->



#16

Methylene chloride

Concen: 1.911 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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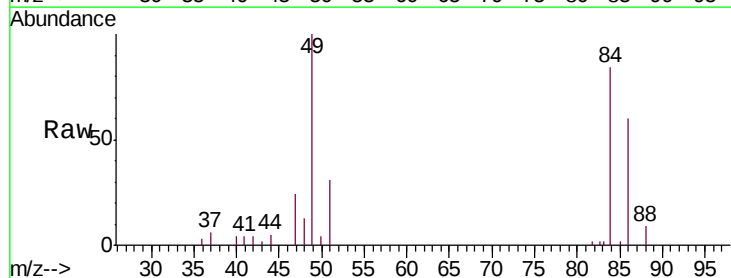
Tgt Ion: 84 Resp: 9708

Ion Ratio Lower Upper

84 100

49 119.6 79.9 148.5

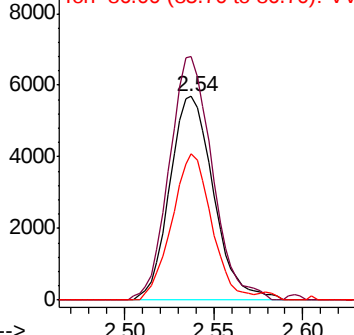
86 71.6 44.5 82.7



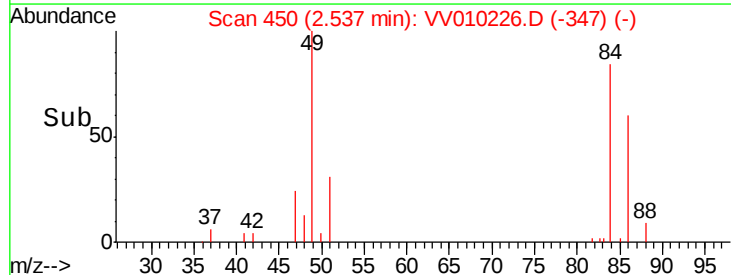
Abundance Ion 84.00 (83.70 to 84.70): VV0

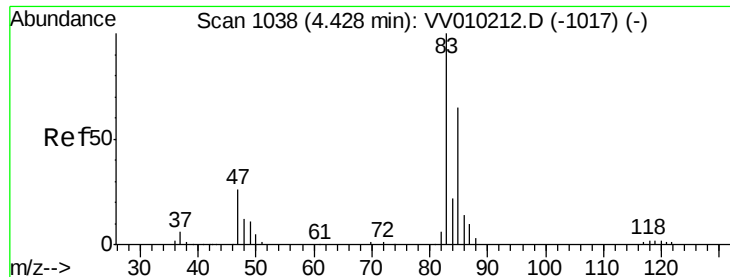
Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0



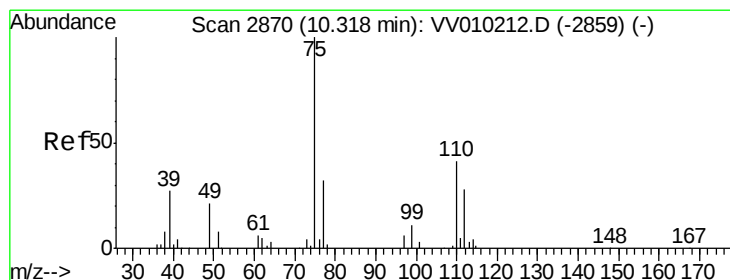
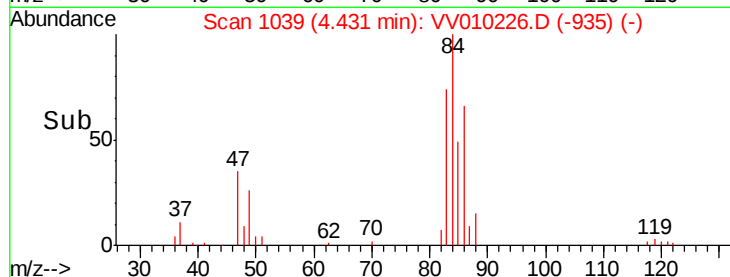
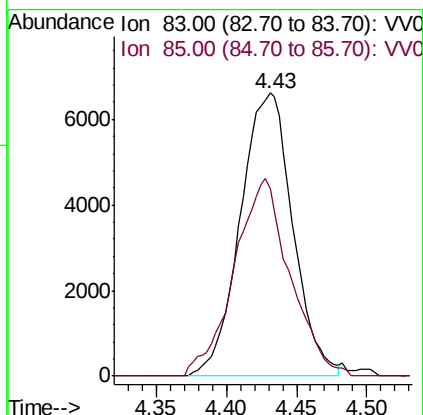
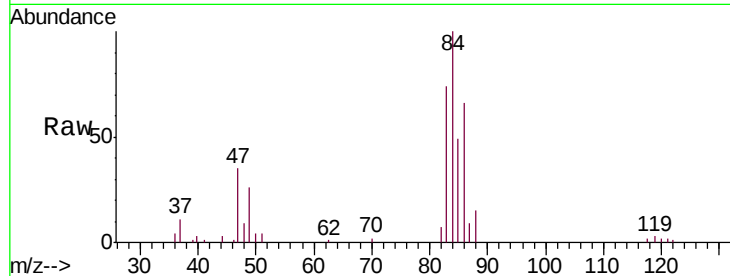
Time-->





#25
Chloroform
Concen: 2.711 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
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Tgt Ion: 83 Resp: 17220
Ion Ratio Lower Upper
83 100
85 74.0 45.4 84.2



#59
1,2,3-Trichloropropane
Concen: 5.407 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010226.D
Acq: 10 Apr 2019 22:42

Tgt Ion: 75 Resp: 13501
Ion Ratio Lower Upper
75 100
77 38.1 26.9 40.3

