

Data File : VV010230.D
Acq On : 11 Apr 2019 00:27
Operator : SY/MD
Sample : K2277-01
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 11 07:12:49 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	277831	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	272018	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	122667	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71528	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.48%
7) Chloroethane-d5	1.57	69	68000	24.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.96%
10) 1,1-Dichloroethene-d2	2.13	63	142156	17.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.84%
20) 2-Butanone-d5	3.93	46	42463	52.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.94%
24) Chloroform-d	4.40	84	142834	22.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.04%
26) 1,2-Dichloroethane-d4	5.08	65	95752	26.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.00%
29) Benzene-d6	5.10	84	331968	25.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.24%
33) 1,2-Dichloropropane-d6	6.12	67	98391	25.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.88%
37) Toluene-d8	7.36	98	316451	24.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.96%
38) trans-1,3-Dichloropropene-	7.66	79	39092	24.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.12%
39) 2-Hexanone-d5	8.13	63	31545	46.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.64%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	84367	24.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.36%
61) 1,2-Dichlorobenzene-d4	11.67	152	117182	25.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.48%

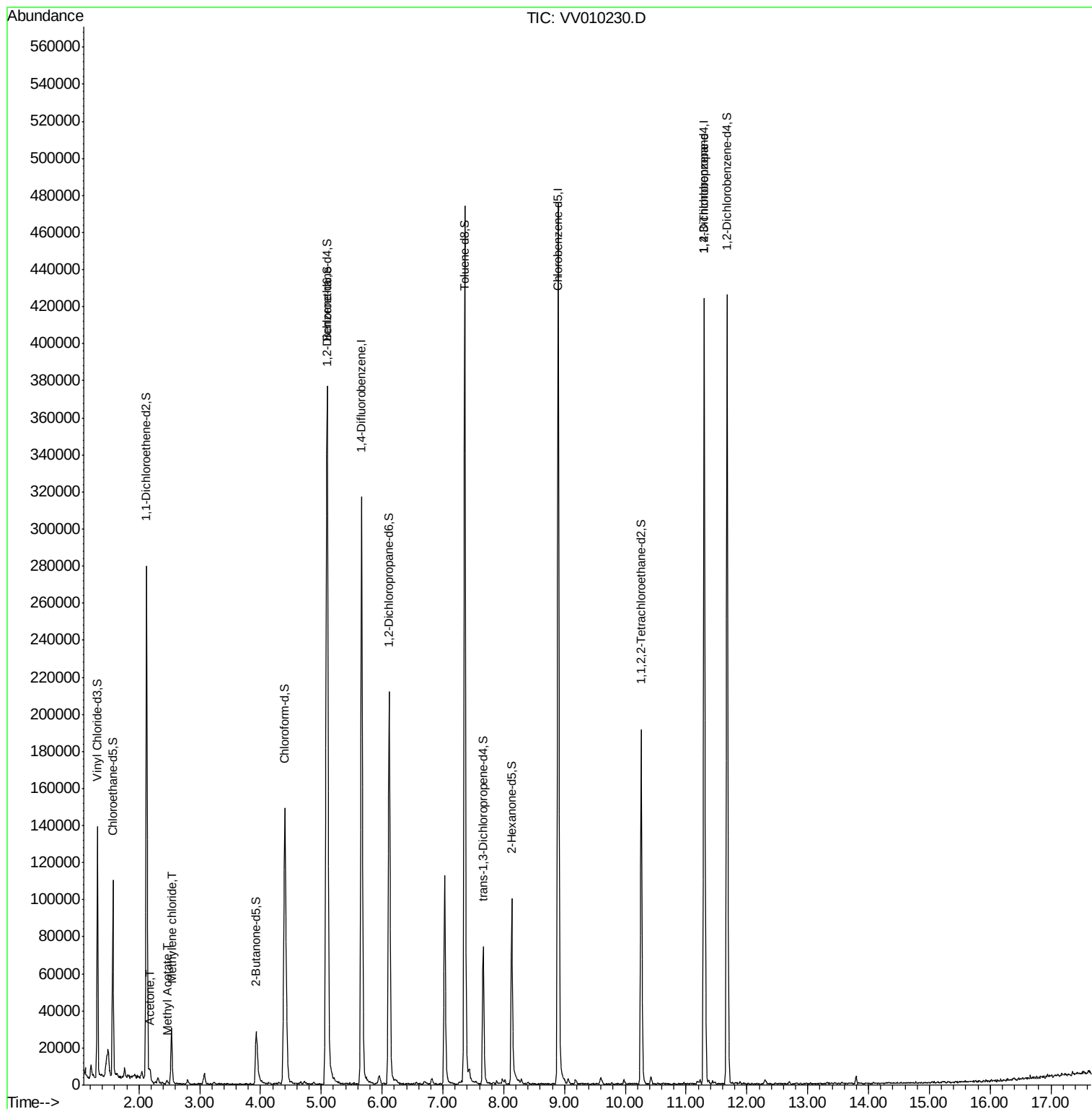
Target Compounds

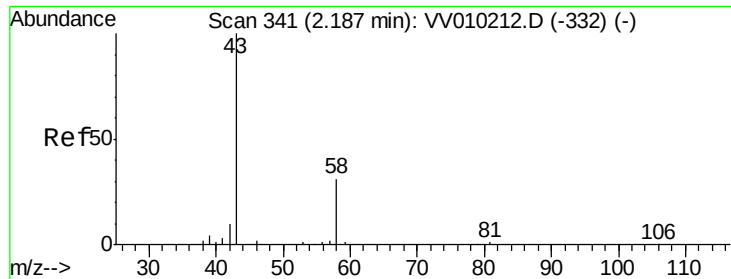
					Qvalue
13) Acetone	2.19	43	2830	3.273 ug/L	87
15) Methyl Acetate	2.46	43	1529	0.993 ug/L	100
16) Methylene chloride	2.54	84	12175	2.238 ug/L	97
59) 1,2,3-Trichloropropane	11.30	75	15192	5.836 ug/L	89

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

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#13

Acetone

Concen: 3.273 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV010230.D

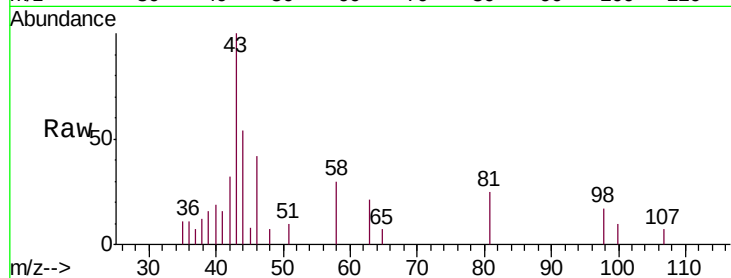
Acq: 11 Apr 2019 00:27

Tgt Ion: 43 Resp: 2830

Ion Ratio Lower Upper

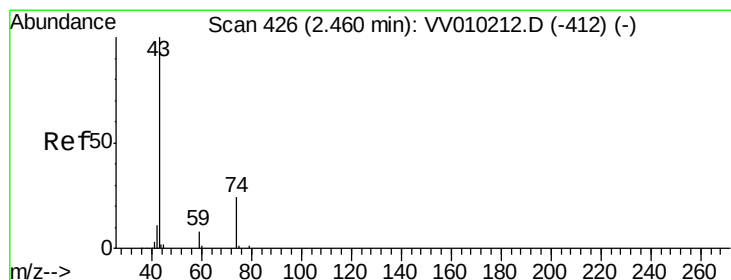
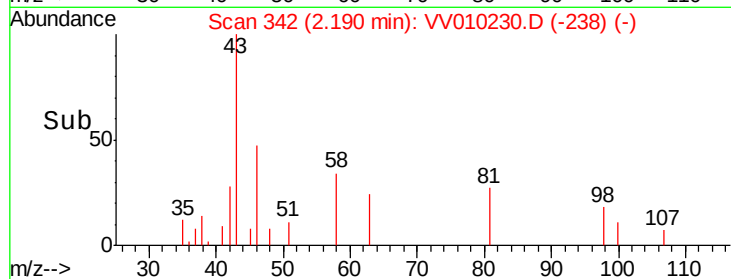
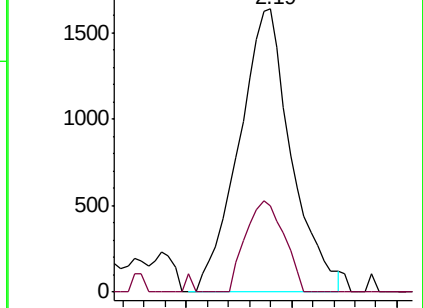
43 100

58 23.7 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010230.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV010230.D (-332) (-)



#15

Methyl Acetate

Concen: 0.993 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VV010230.D

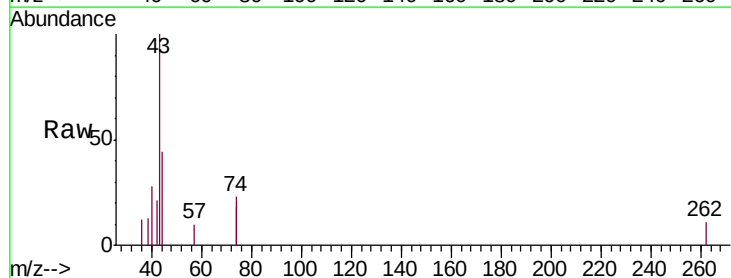
Acq: 11 Apr 2019 00:27

Tgt Ion: 43 Resp: 1529

Ion Ratio Lower Upper

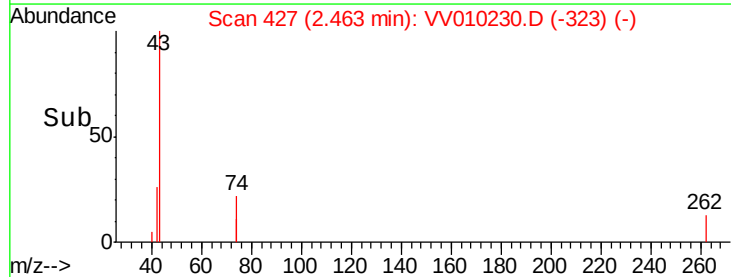
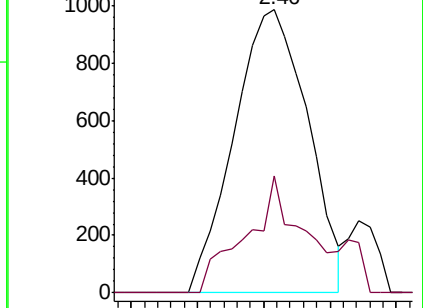
43 100

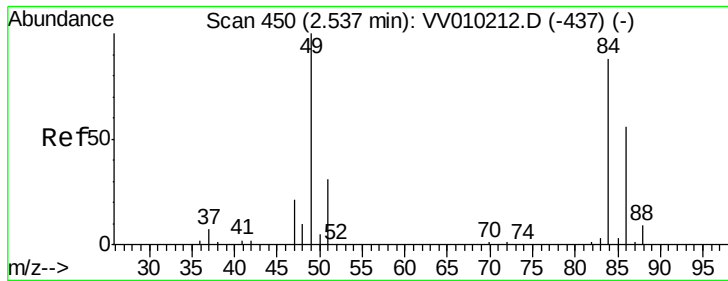
74 24.1 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VV010230.D (-323) (-)

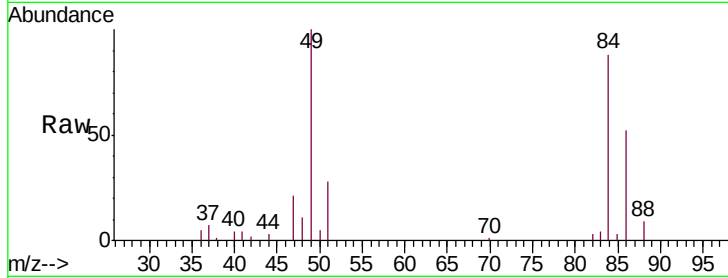
Ion 74.00 (73.70 to 74.70): VV010230.D (-323) (-)



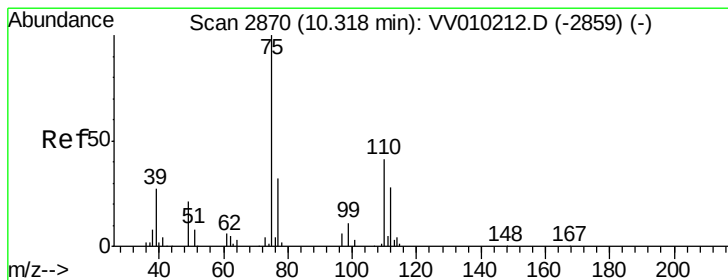
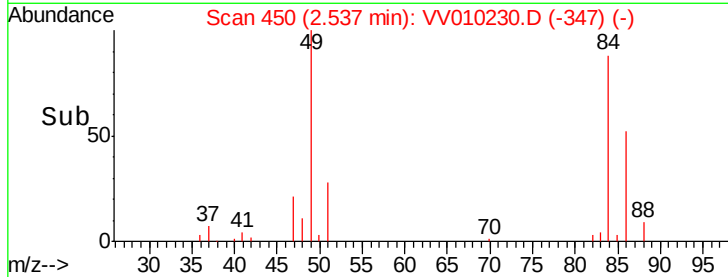
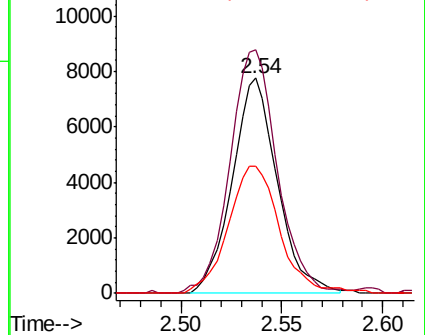


#16
Methylene chloride
Concen: 2.238 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV010230.D
Acq: 11 Apr 2019 00:27

Tgt Ion: 84 Resp: 12175
Ion Ratio Lower Upper
84 100
49 113.3 79.9 148.5
86 59.3 44.5 82.7

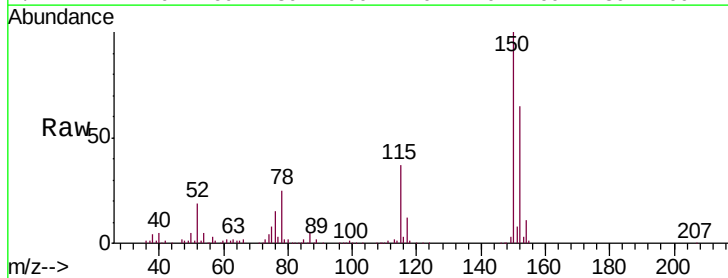


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0



#59
1,2,3-Trichloropropane
Concen: 5.836 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010230.D
Acq: 11 Apr 2019 00:27

Tgt Ion: 75 Resp: 15192
Ion Ratio Lower Upper
75 100
77 39.6 26.9 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

