

Data File : VV010227.D
Acq On : 10 Apr 2019 23:09
Operator : SY/MD
Sample : K2276-24
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 11 07:12:17 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	282472	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	270649	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	119808	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	70266	21.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.44%
7) Chloroethane-d5	1.56	69	68258	24.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.72%
10) 1,1-Dichloroethene-d2	2.12	63	138786	16.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.08%
20) 2-Butanone-d5	3.93	46	44134	53.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.28%
24) Chloroform-d	4.40	84	146489	22.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.84%
26) 1,2-Dichloroethane-d4	5.08	65	97684	26.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.36%
29) Benzene-d6	5.10	84	335026	25.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.68%
33) 1,2-Dichloropropane-d6	6.12	67	99585	25.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.60%
37) Toluene-d8	7.36	98	322211	25.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.28%
38) trans-1,3-Dichloropropene-	7.66	79	39859	24.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.52%
39) 2-Hexanone-d5	8.13	63	33499	49.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.94%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	86183	24.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.96%
61) 1,2-Dichlorobenzene-d4	11.68	152	119670	27.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.20%

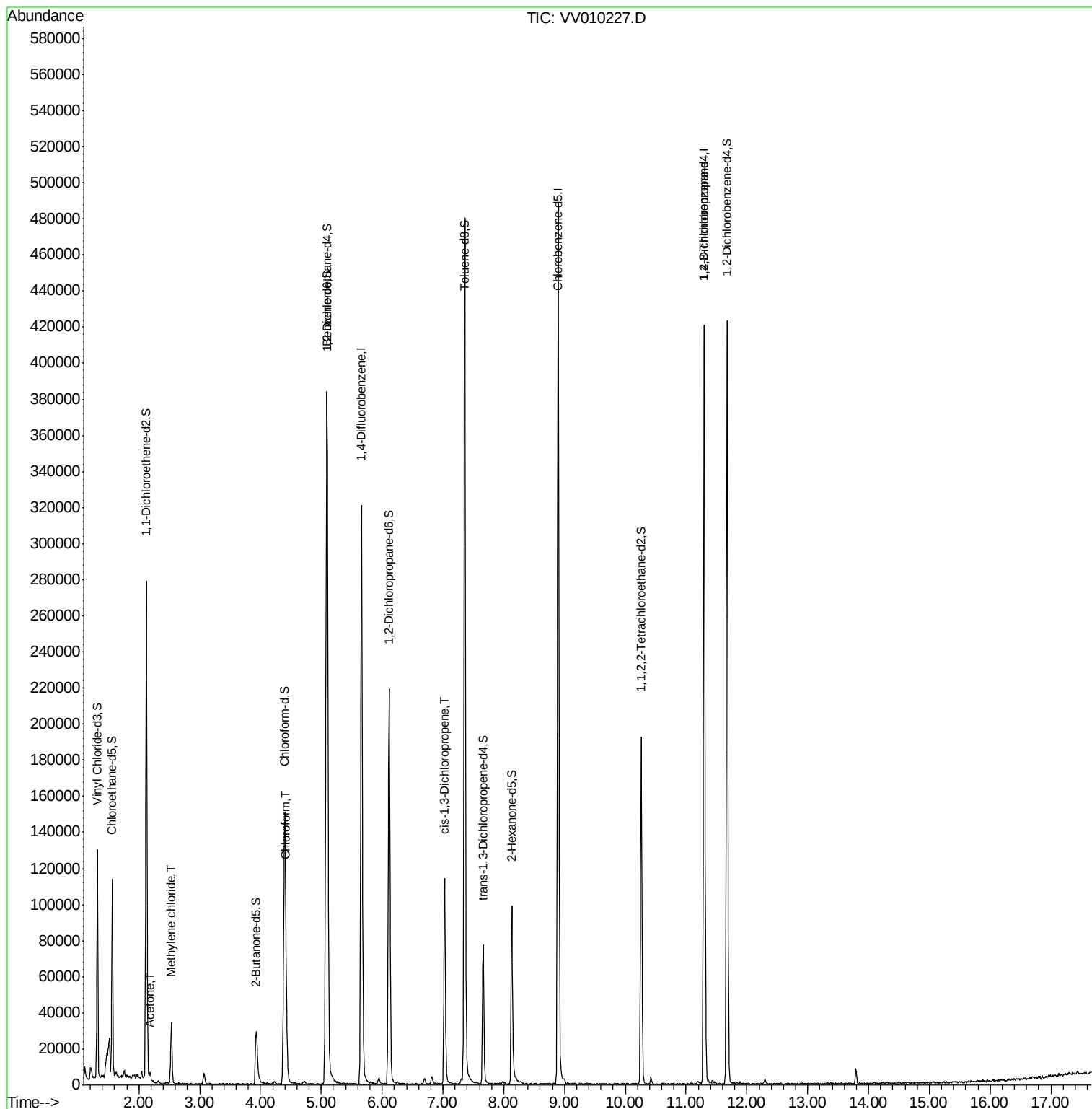
Target Compounds

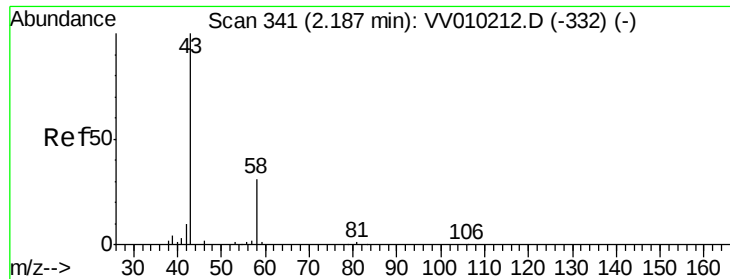
					Qvalue
13) Acetone	2.18	43	2577	2.931 ug/L	93
16) Methylene chloride	2.53	84	14188	2.565 ug/L	97
25) Chloroform	4.42	83	19944	2.882 ug/L	84
42) cis-1,3-Dichloropropene	7.03	75	3572	0.702 ug/L #	57
59) 1,2,3-Trichloropropane	11.30	75	14823	5.723 ug/L	99

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

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#13

Acetone

Concen: 2.931 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

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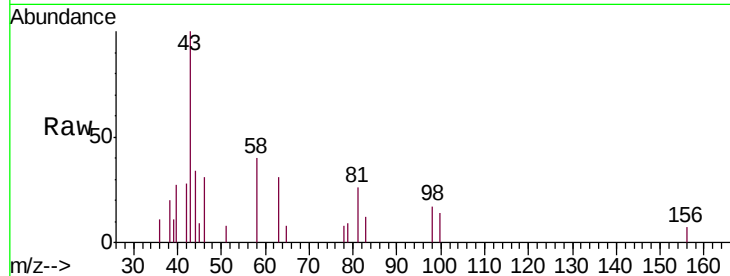
Acq: 10 Apr 2019 23:09

Tgt Ion: 43 Resp: 2577

Ion Ratio Lower Upper

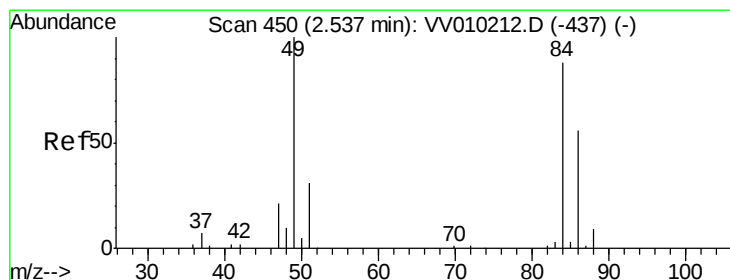
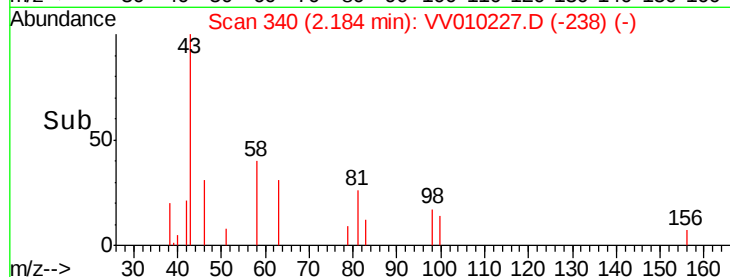
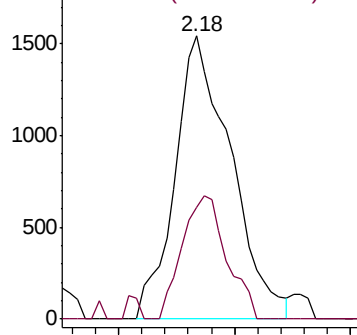
43 100

58 34.7 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 2.565 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV010227.D

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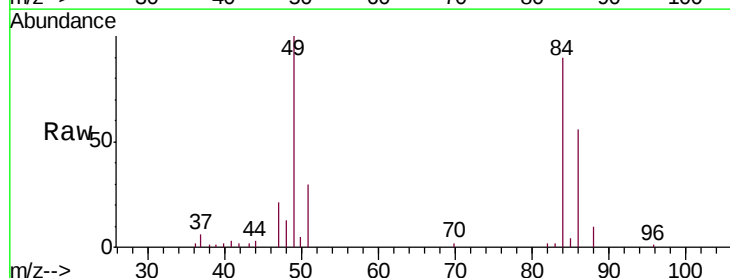
Tgt Ion: 84 Resp: 14188

Ion Ratio Lower Upper

84 100

49 111.2 79.9 148.5

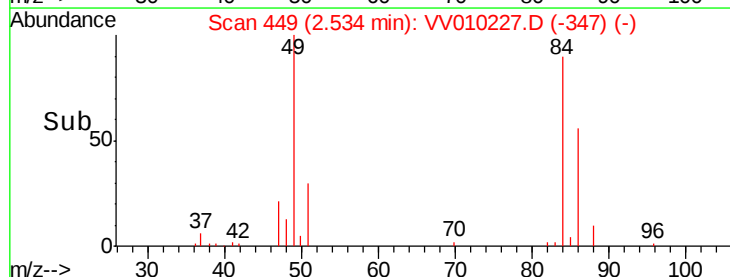
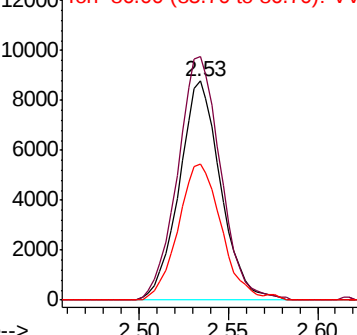
86 62.0 44.5 82.7

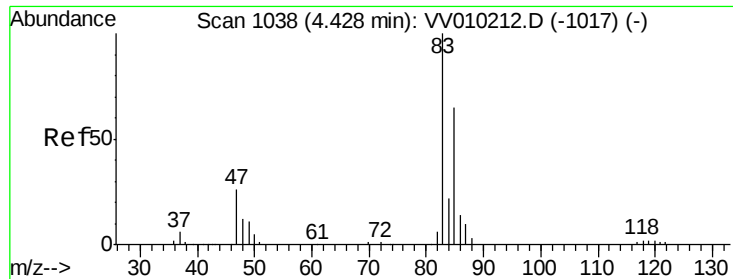


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

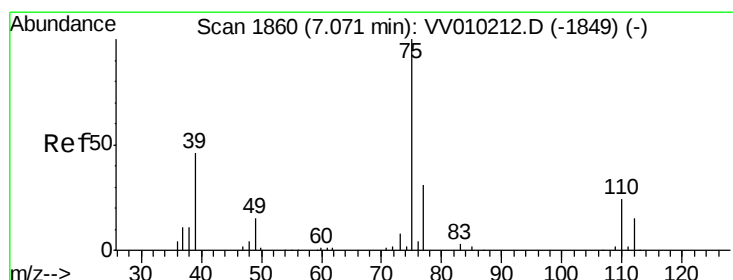
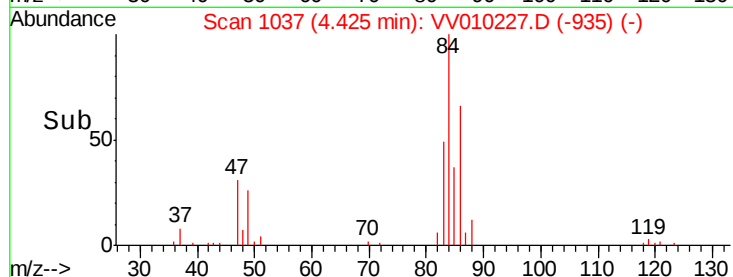
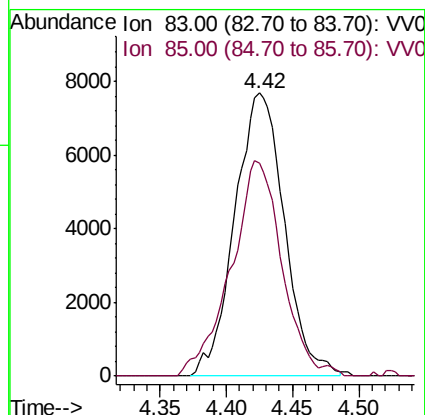
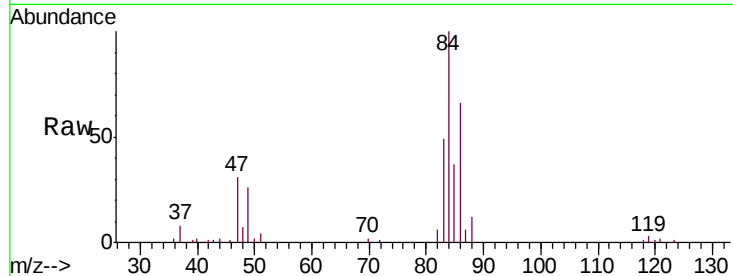
Ion 86.00 (85.70 to 86.70): VV0





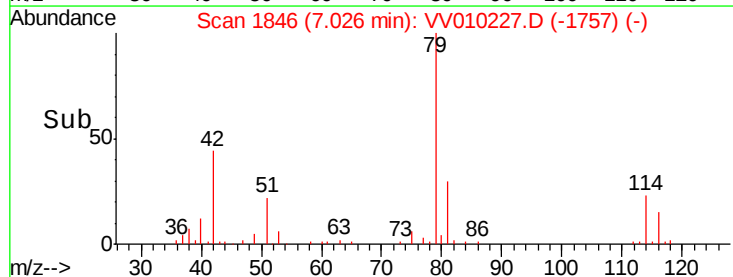
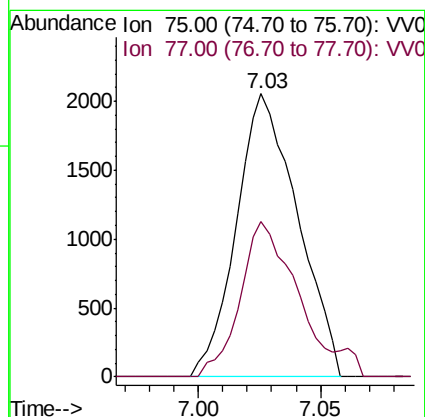
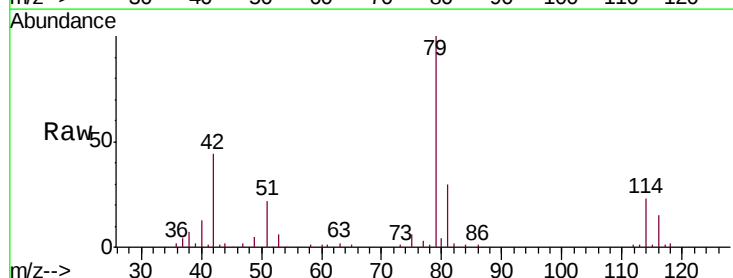
#25
Chloroform
Concen: 2.882 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
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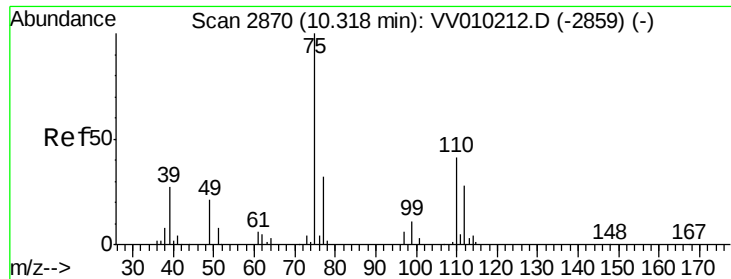
Tgt Ion: 83 Resp: 19944
Ion Ratio Lower Upper
83 100
85 77.3 45.4 84.2



#42
cis-1,3-Dichloropropene
Concen: 0.702 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV010227.D
Acq: 10 Apr 2019 23:09

Tgt Ion: 75 Resp: 3572
Ion Ratio Lower Upper
75 100
77 54.8 21.9 40.7#





#59

1,2,3-Trichloropropane
 Concen: 5.723 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010227.D
 Acq: 10 Apr 2019 23:09

Tgt Ion: 75 Resp: 14823
 Ion Ratio Lower Upper
 75 100
 77 34.3 26.9 40.3

