

Data File : VV010300.D
Acq On : 12 Apr 2019 22:00
Operator : SY/MD
Sample : K2352-02
Misc : 4.71G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB743

Quant Time: Apr 13 05:53:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 05:50:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	247577	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	242053	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	120622	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39617	13.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.60%
7) Chloroethane-d5	1.56	69	32921	13.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.76%
10) 1,1-Dichloroethene-d2	2.12	63	91562	12.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.48%
20) 2-Butanone-d5	3.94	46	40586	56.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.56%
24) Chloroform-d	4.40	84	113267	20.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.12%
26) 1,2-Dichloroethane-d4	5.08	65	75487	23.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.76%
29) Benzene-d6	5.09	84	226485	19.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.64%
33) 1,2-Dichloropropane-d6	6.11	67	74954	21.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.36%
37) Toluene-d8	7.36	98	211508	18.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.32%
38) trans-1,3-Dichloropropene-	7.66	79	28076	19.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.60%
39) 2-Hexanone-d5	8.13	63	31720	52.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.80%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	79367	25.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.88%
61) 1,2-Dichlorobenzene-d4	11.67	152	96904	21.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.00%

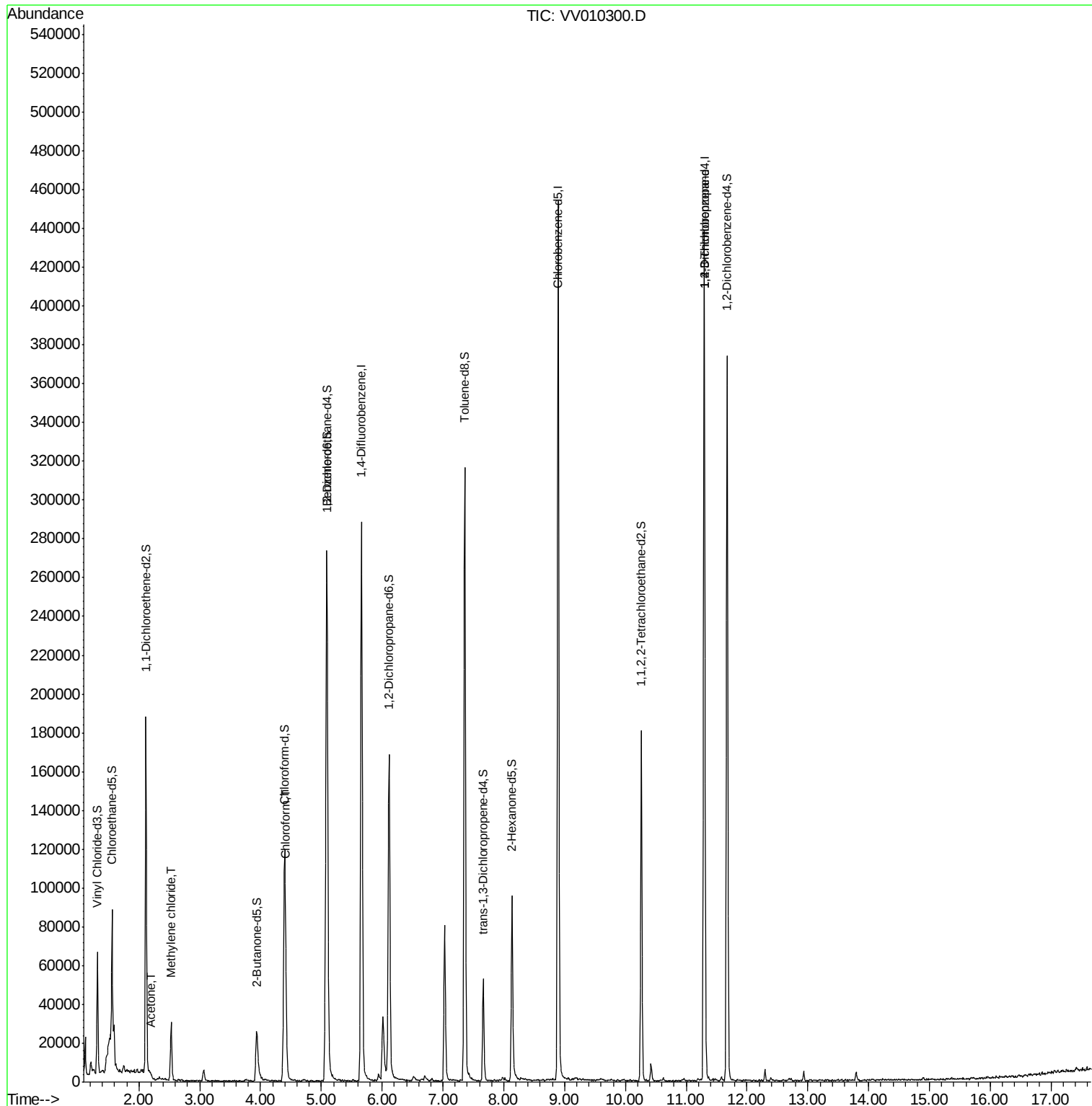
Target Compounds					Qvalue
13) Acetone	2.20	43	2888	3.748 ug/L	99
16) Methylene chloride	2.53	84	11949	2.464 ug/L	95
25) Chloroform	4.42	83	11157	1.840 ug/L	83
59) 1,2,3-Trichloropropane	11.30	75	15407	6.651 ug/L	99

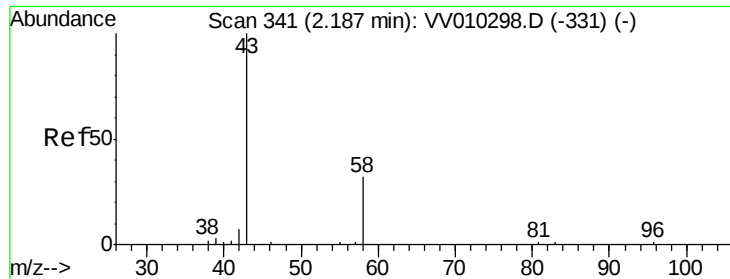
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.748 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

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ClientSampleId :

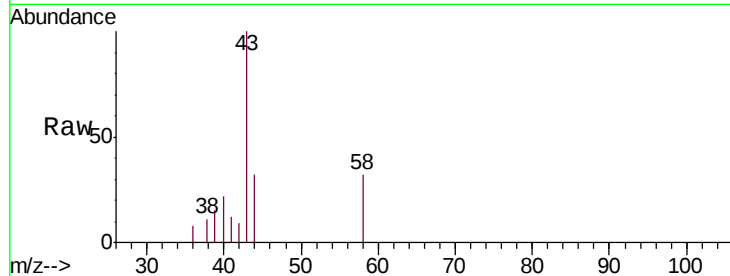
DB743

Tgt Ion: 43 Resp: 2888

Ion Ratio Lower Upper

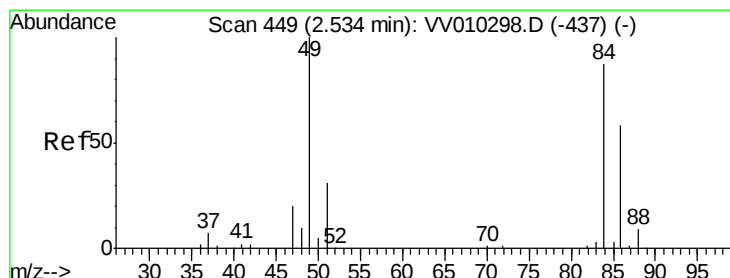
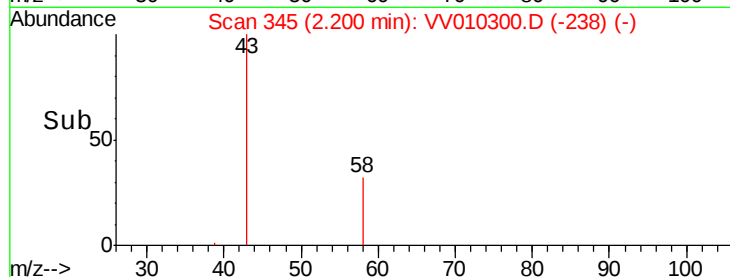
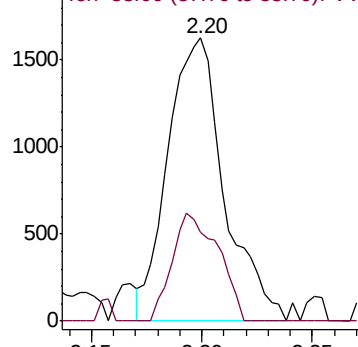
43 100

58 31.1 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010298.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010298.D (-331) (-)



#16

Methylene chloride

Concen: 2.464 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

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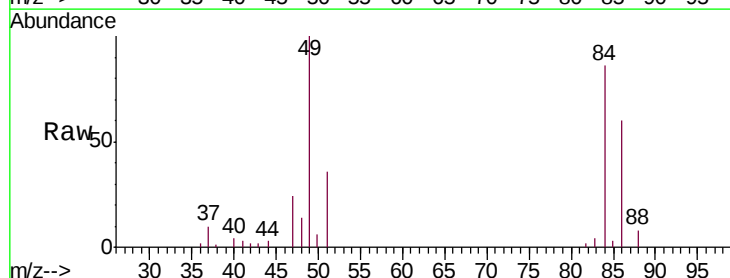
Tgt Ion: 84 Resp: 11949

Ion Ratio Lower Upper

84 100

49 116.7 79.9 148.5

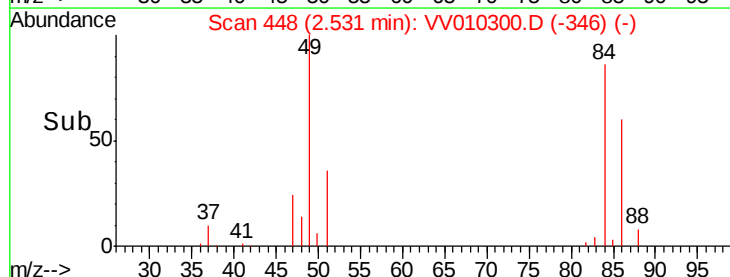
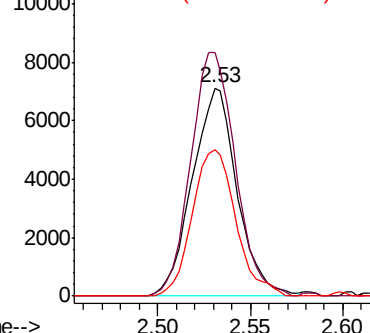
86 70.4 44.5 82.7

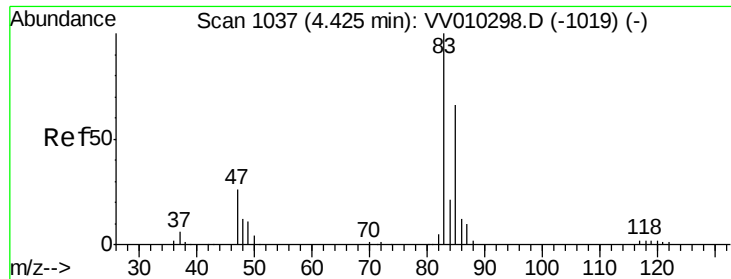


Abundance Ion 84.00 (83.70 to 84.70): VV010298.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010298.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010298.D (-437) (-)

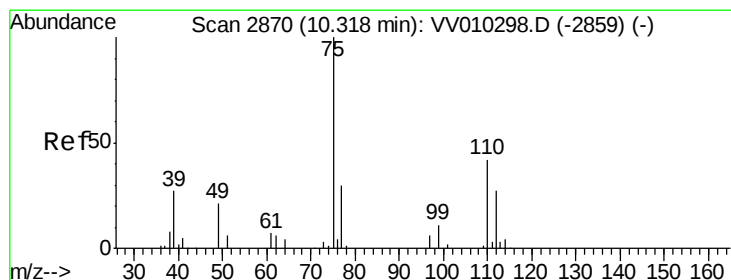
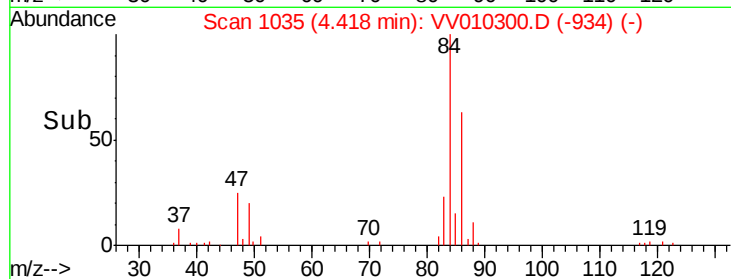
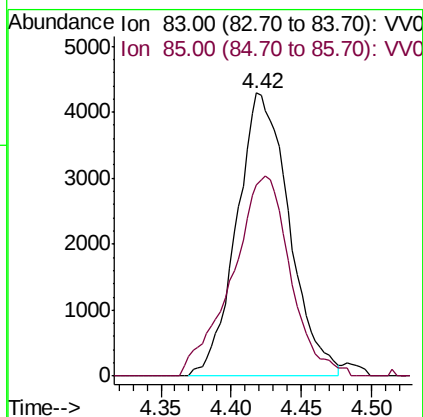
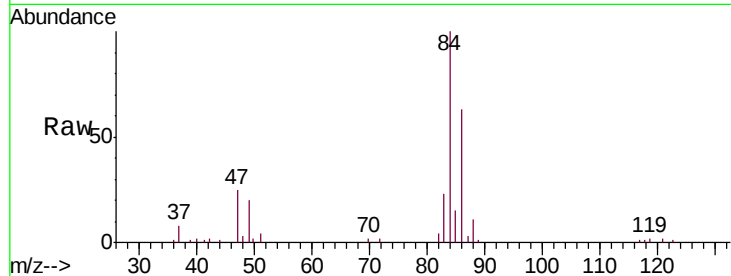




#25
Chloroform
Concen: 1.840 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
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Tgt Ion: 83 Resp: 11157
Ion Ratio Lower Upper
83 100
85 78.3 45.4 84.2



#59
1,2,3-Trichloropropane
Concen: 6.651 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010300.D
Acq: 12 Apr 2019 22:00

Tgt Ion: 75 Resp: 15407
Ion Ratio Lower Upper
75 100
77 32.9 26.9 40.3

