

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122018\
 Data File : VV009094.D
 Acq On : 20 Dec 2018 19:30
 Operator : SY/MD
 Sample : J6441-03RE
 Misc : 5.41 G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE814RE

Quant Time: Dec 21 01:25:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 00:25:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	248761	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	175891	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40198	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45865	17.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.28%
7) Chloroethane-d5	1.58	69	51219	26.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.72%
10) 1,1-Dichloroethene-d2	2.13	63	96531	15.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.00%
20) 2-Butanone-d5	3.94	46	28592	30.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.02%
24) Chloroform-d	4.40	84	135847	22.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.88%
26) 1,2-Dichloroethane-d4	5.08	65	72908	22.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.36%
29) Benzene-d6	5.10	84	261797	26.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.60%
33) 1,2-Dichloropropane-d6	6.12	67	81706	29.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.84%
37) Toluene-d8	7.36	98	219183	24.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.44%
38) trans-1,3-Dichloropropene-	7.67	79	23301	19.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.12%
39) 2-Hexanone-d5	8.14	63	16401	32.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.10%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44720	19.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.52%
61) 1,2-Dichlorobenzene-d4	11.68	152	37003	24.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.12%

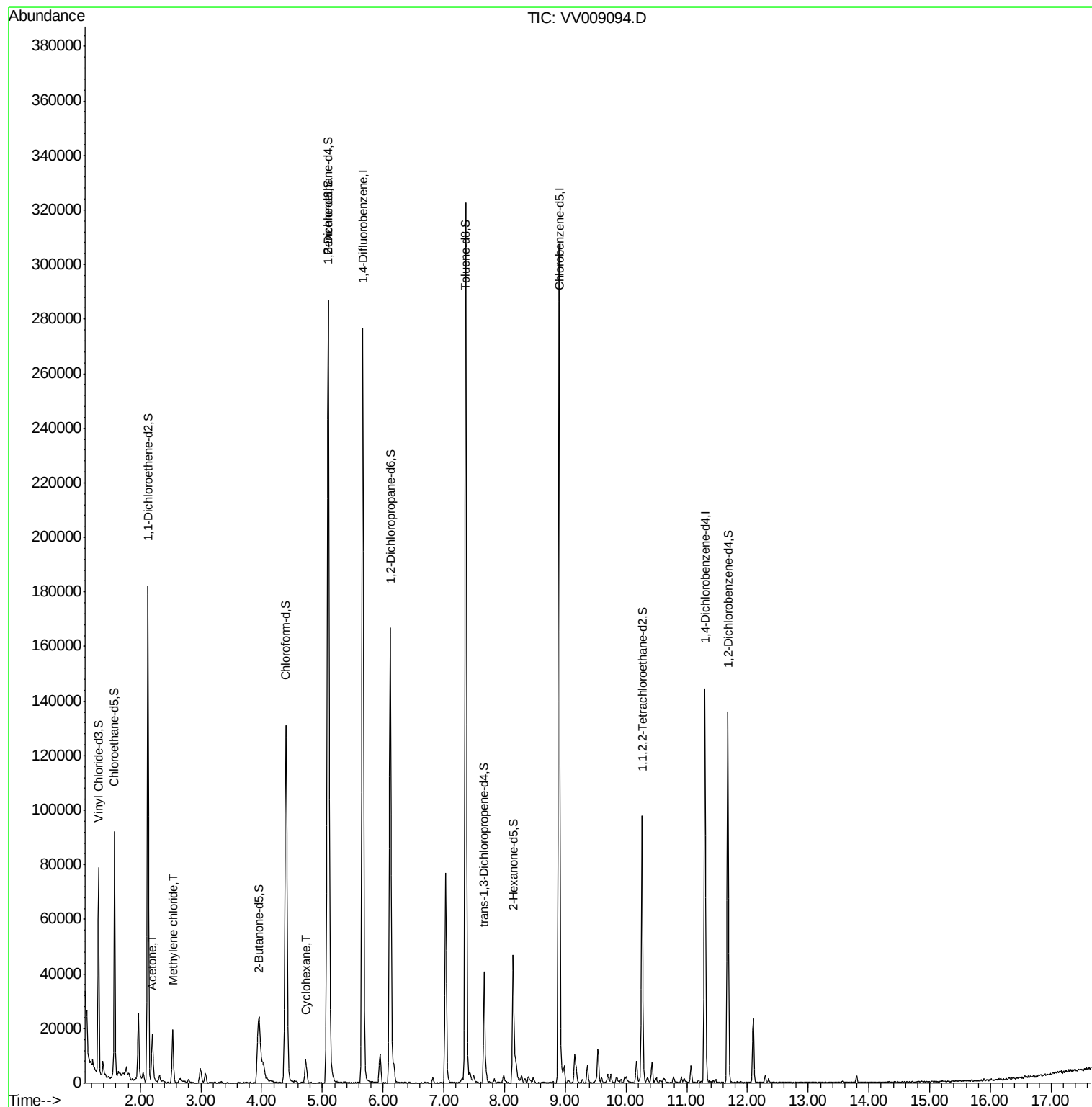
Target Compounds					Qvalue
13) Acetone	2.20	43	22603	16.369 ug/L	96
16) Methylene chloride	2.54	84	8180	1.953 ug/L	94
30) Cyclohexane	4.73	56	4342	0.980 ug/L	93

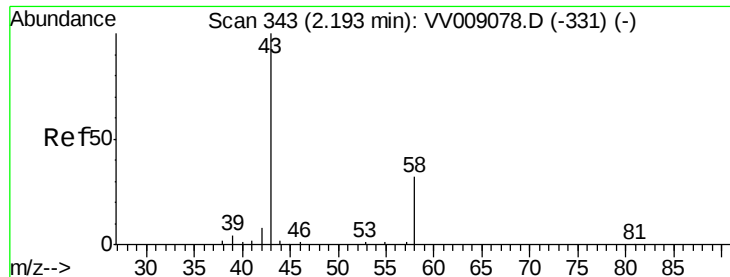
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 16.369 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

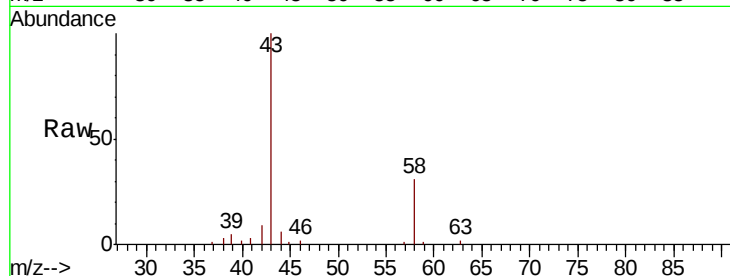
BE814RE

Tgt Ion: 43 Resp: 22603

Ion Ratio Lower Upper

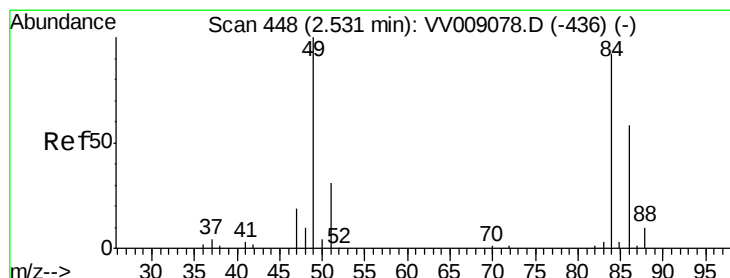
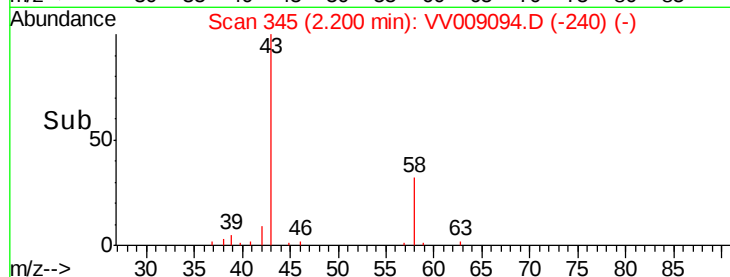
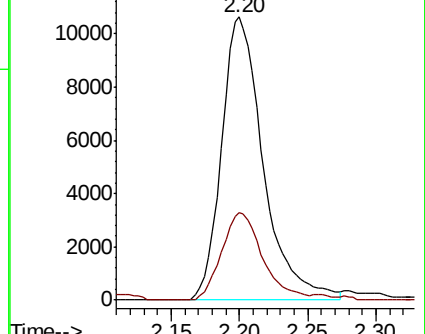
43 100

58 30.3 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV009078.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009078.D (-331) (-)



#16

Methylene chloride

Concen: 1.953 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

Lab File: VV009094.D

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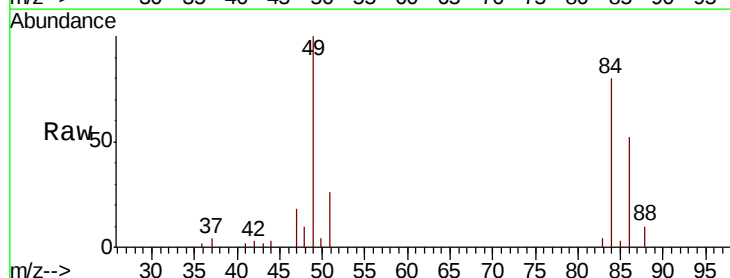
Tgt Ion: 84 Resp: 8180

Ion Ratio Lower Upper

84 100

49 125.2 80.5 149.5

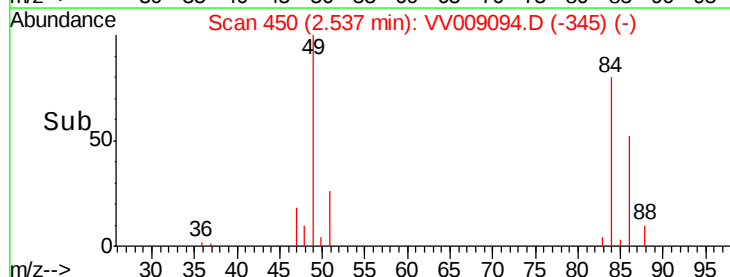
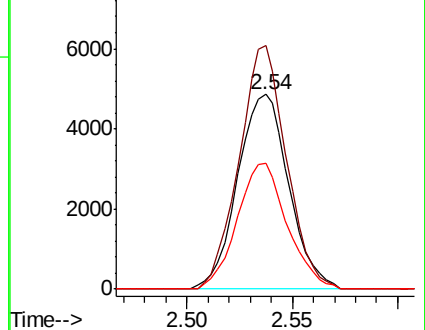
86 64.5 45.5 84.5

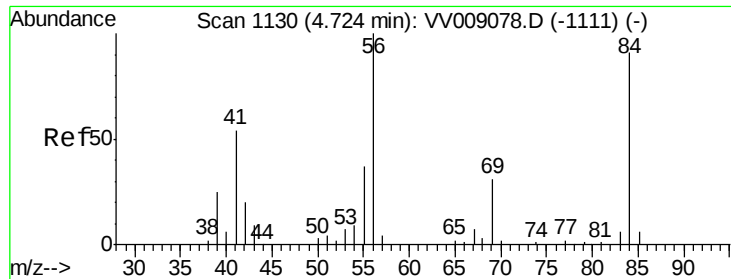


Abundance Ion 84.00 (83.70 to 84.70): VV009078.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV009078.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV009078.D (-436) (-)





#30
Cyclohexane
Concen: 0.980 ug/L
RT: 4.73 min Scan# 1131
Delta R.T. 0.00 min
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Tgt Ion:	56	Resp:	4342
Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.8	38.8
84	99.6	73.0	109.6

