

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
 Data File : VV010364.D
 Acq On : 18 Apr 2019 22:13
 Operator : SY/MD
 Sample : K2402-01
 Misc : 5.06G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHH3RE

Quant Time: Apr 19 06:13:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 06:08:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	72971	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	82201	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	33927	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	8309	8.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	35.88%
7) Chloroethane-d5	1.58	69	11770	15.12	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.48%
10) 1,1-Dichloroethene-d2	2.13	63	19348	8.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	34.60%#
20) 2-Butanone-d5	3.94	46	13121	45.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.94%
24) Chloroform-d	4.40	84	42427	22.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.48%
26) 1,2-Dichloroethane-d4	5.08	65	29203	25.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.16%
29) Benzene-d6	5.10	84	68903	16.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	65.52%
33) 1,2-Dichloropropane-d6	6.12	67	25904	21.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.16%
37) Toluene-d8	7.36	98	59933	14.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	59.28%
38) trans-1,3-Dichloropropene-	7.67	79	8178	13.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.00%
39) 2-Hexanone-d5	8.13	63	7355	26.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.64%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	28785	23.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	29506	22.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.48%

Target Compounds

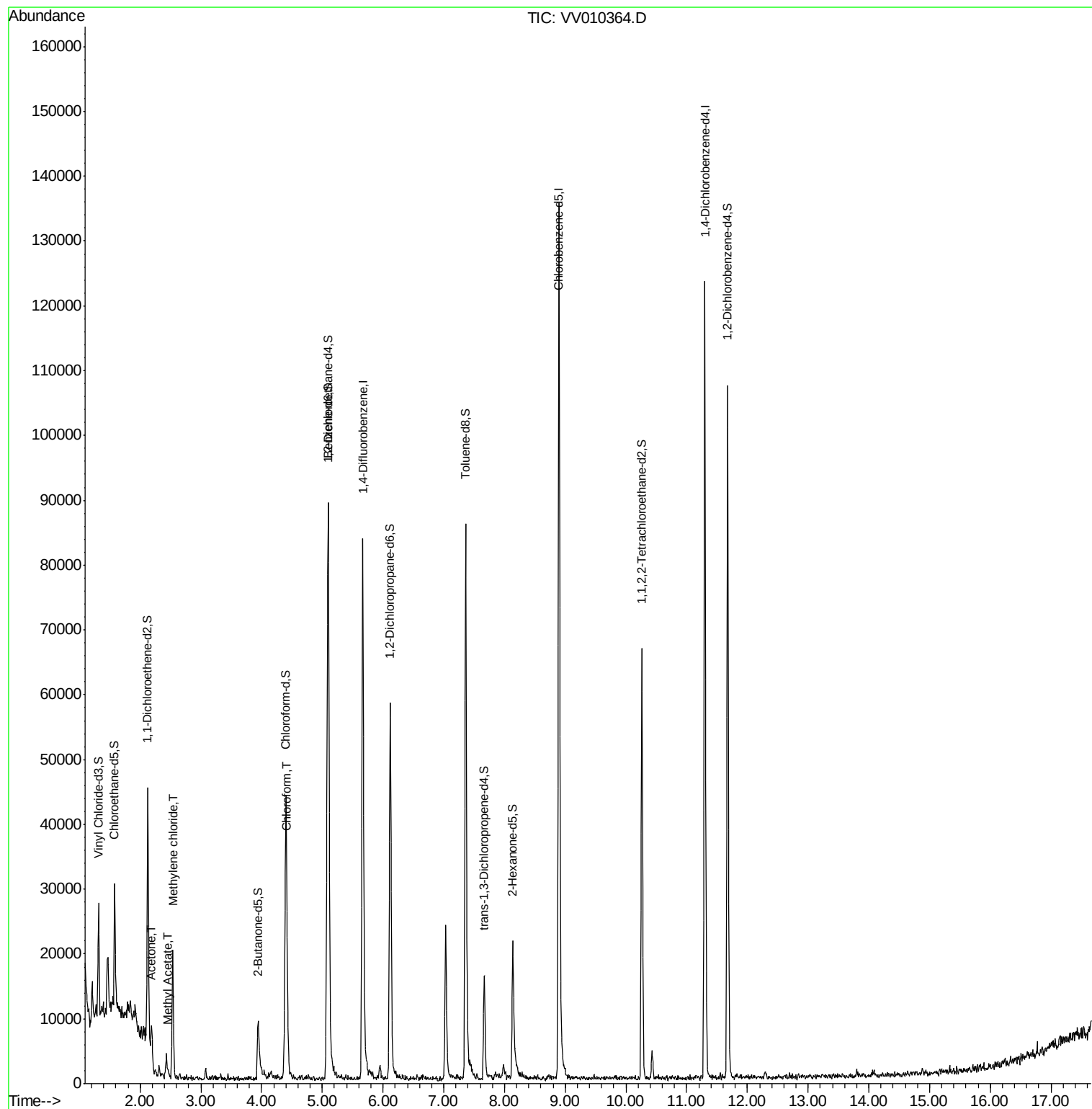
					Qvalue
13) Acetone	2.19	43	2252	7.395 ug/L	63
15) Methyl Acetate	2.46	43	688	1.384 ug/L #	47
16) Methylene chloride	2.54	84	7428	6.373 ug/L	84
25) Chloroform	4.42	83	1392	0.778 ug/L #	44

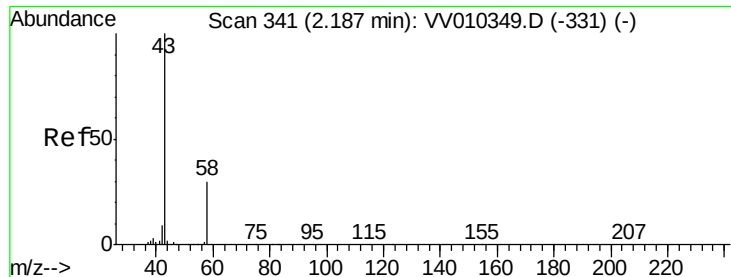
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.395 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

Lab File: VV010364.D

Acq: 18 Apr 2019 22:13

Instrument :

MSVOA_V

ClientSampleId :

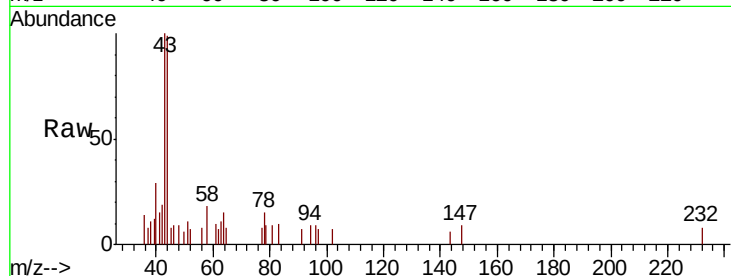
GAHH3RE

Tgt Ion: 43 Resp: 2252

Ion Ratio Lower Upper

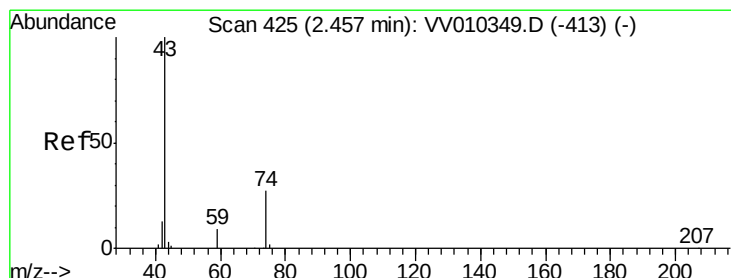
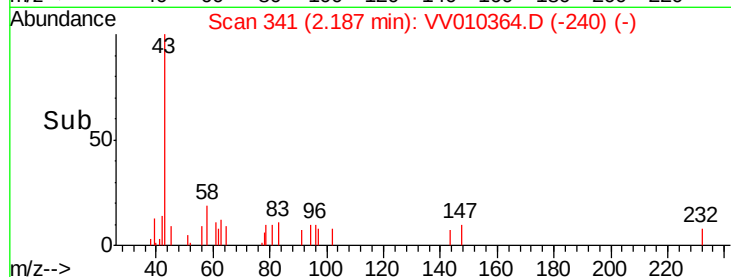
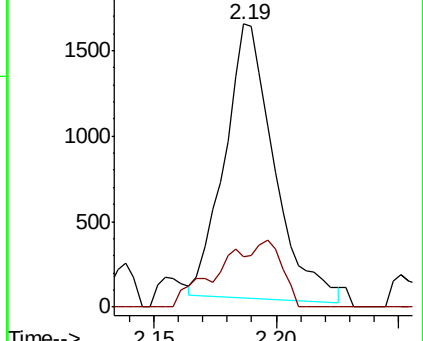
43 100

58 9.8 0.0 60.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#15

Methyl Acetate

Concen: 1.384 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

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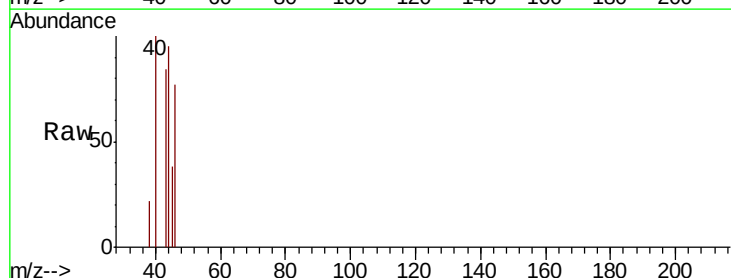
Acq: 18 Apr 2019 22:13

Tgt Ion: 43 Resp: 688

Ion Ratio Lower Upper

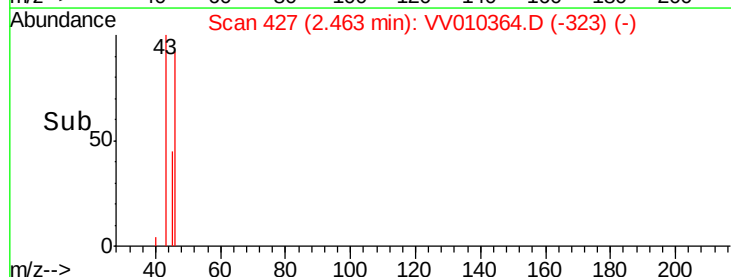
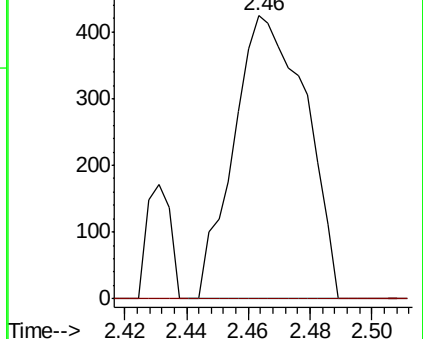
43 100

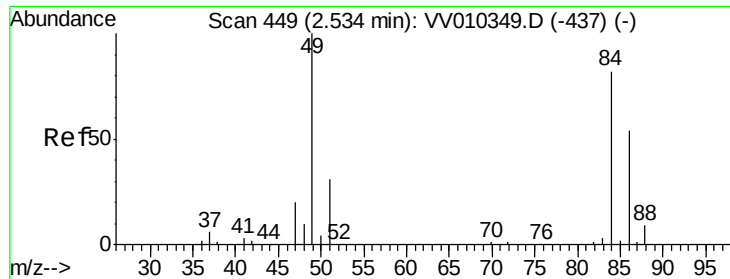
74 0.0 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0

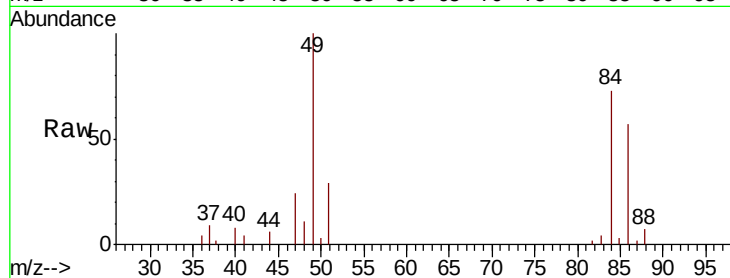




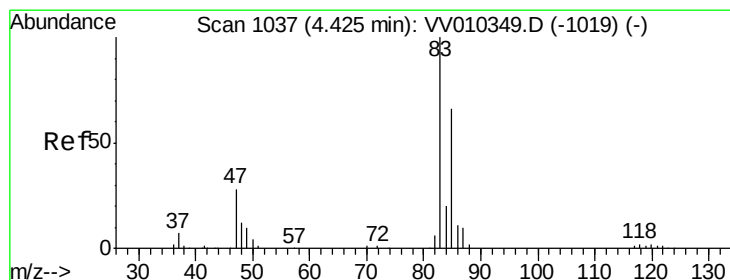
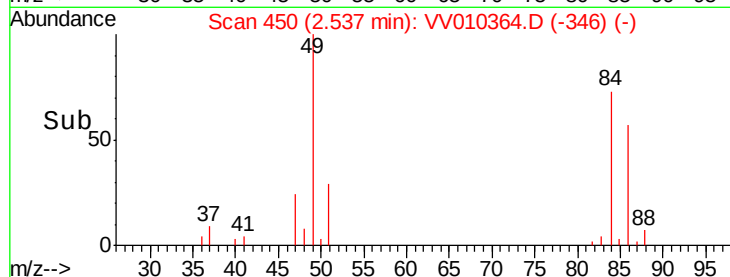
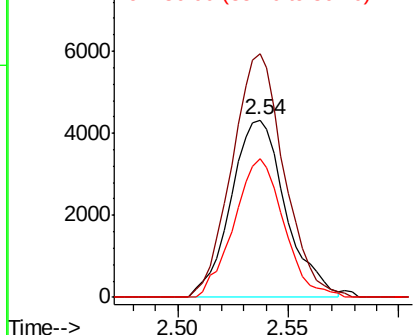
#16
Methylene chloride
Concen: 6.373 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
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Instrument :
MSVOA_V
ClientSampleId :
GAHH3RE

Tgt Ion: 84 Resp: 7428
Ion Ratio Lower Upper
84 100
49 137.2 83.8 155.6
86 78.1 46.1 85.5

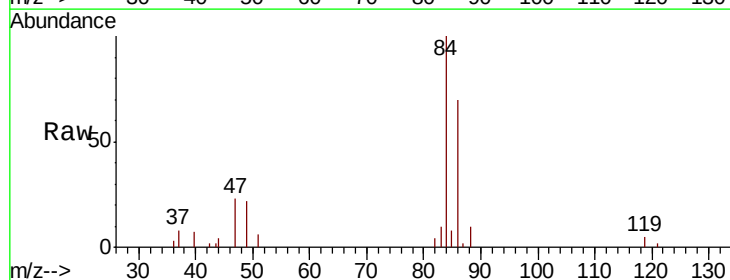


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0



#25
Chloroform
Concen: 0.778 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV010364.D
Acq: 18 Apr 2019 22:13

Tgt Ion: 83 Resp: 1392
Ion Ratio Lower Upper
83 100
85 21.5 46.5 86.5#



Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 85.00 (84.70 to 85.70): VV0

