

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042219\
 Data File : VV010432.D
 Acq On : 23 Apr 2019 01:16
 Operator : SY/MD
 Sample : K2456-23
 Misc : 5.00G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHP1

Quant Time: Apr 23 07:54:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 06:57:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	327812	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	344784	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	165910	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52642	11.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.64%
7) Chloroethane-d5	1.58	69	57643	16.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.64%
10) 1,1-Dichloroethene-d2	2.13	63	89441	10.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	42.44%#
20) 2-Butanone-d5	3.93	46	44389	42.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.06%
24) Chloroform-d	4.40	84	158651	19.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.20%
26) 1,2-Dichloroethane-d4	5.08	65	109649	22.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.24%
29) Benzene-d6	5.10	84	297929	18.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.88%
33) 1,2-Dichloropropane-d6	6.12	67	99677	21.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.92%
37) Toluene-d8	7.36	98	290527	17.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.88%
38) trans-1,3-Dichloropropene-	7.66	79	40872	17.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.72%
39) 2-Hexanone-d5	8.13	63	34821	37.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.66%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	85738	18.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	125991	19.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.92%

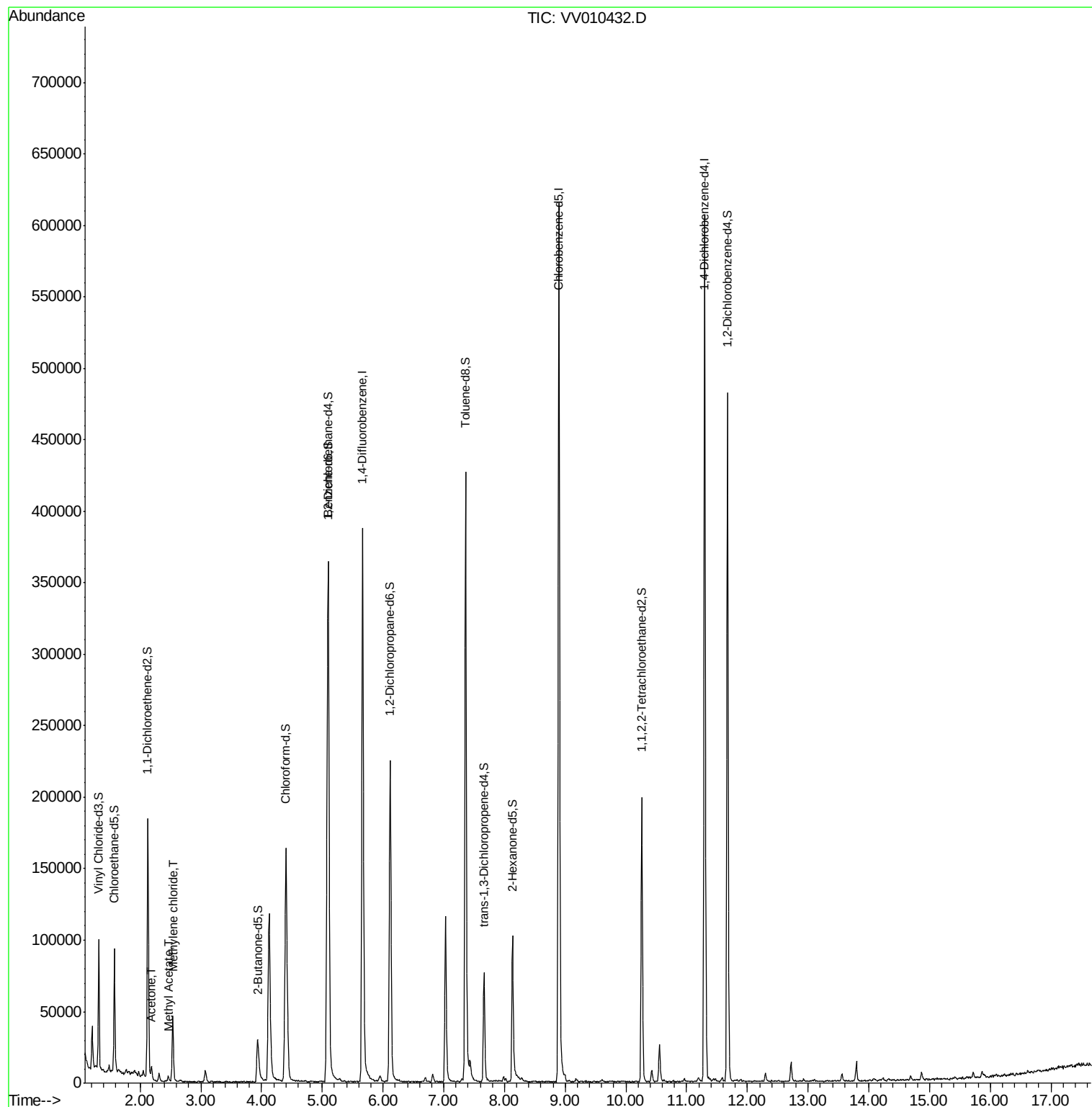
Target Compounds					Ovalue
13) Acetone	2.19	43	4729	4.178 ug/L	87
15) Methyl Acetate	2.46	43	4608	2.735 ug/L #	85
16) Methylene chloride	2.54	84	18815	3.914 ug/L	94

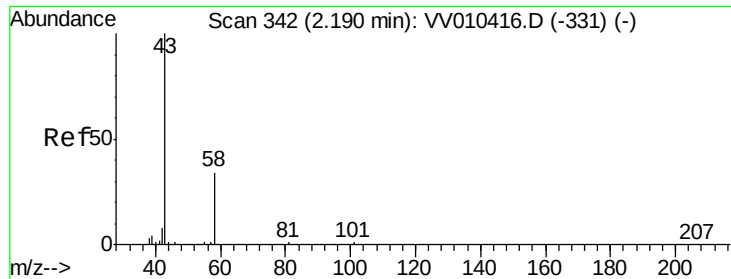
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.178 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

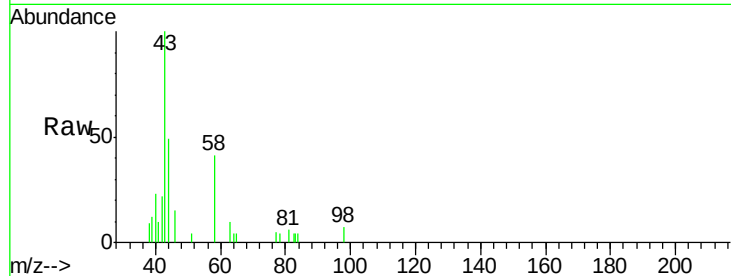
GAHP1

Tot Ion: 43 Resp: 4729

Ion Ratio Lower Upper

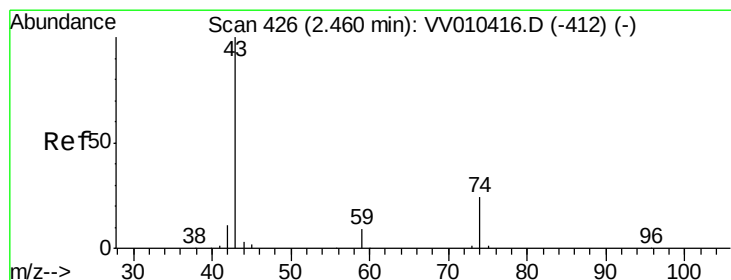
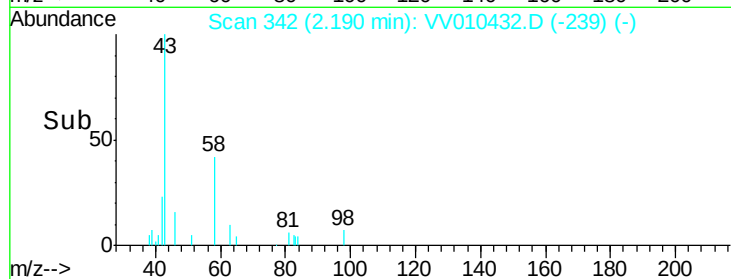
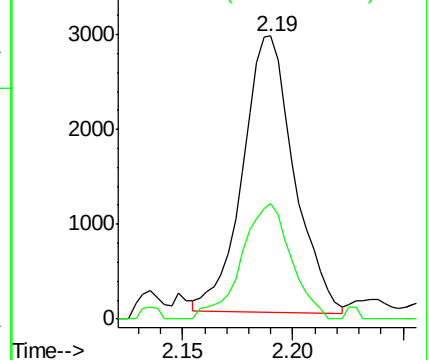
43 100

58 40.3 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#15

Methyl Acetate

Concen: 2.735 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VV010432.D

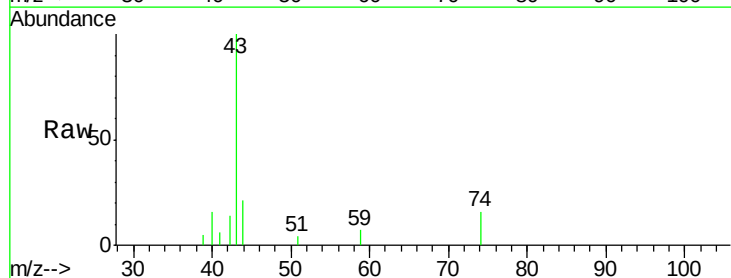
Acq: 23 Apr 2019 01:16

Tgt Ion: 43 Resp: 4608

Ion Ratio Lower Upper

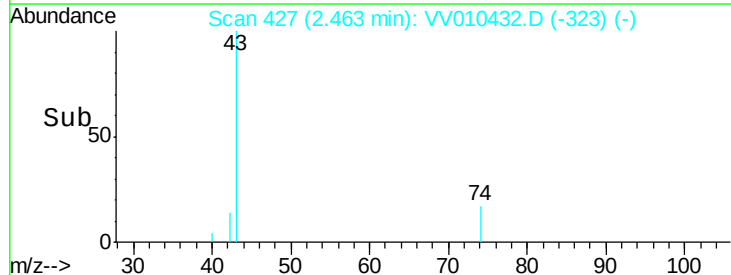
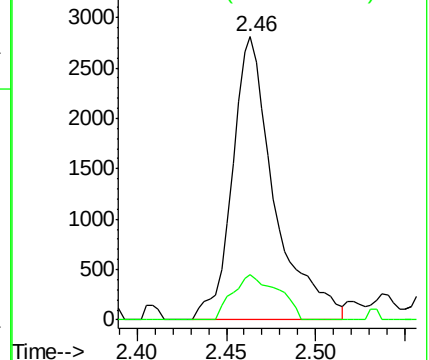
43 100

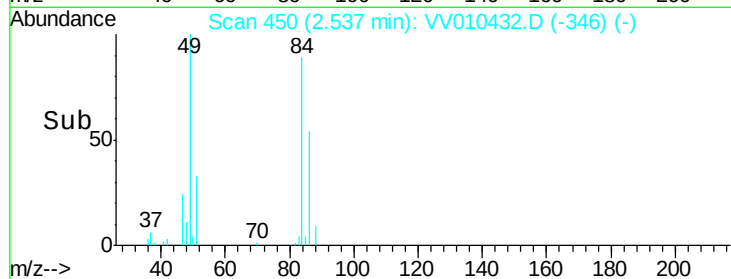
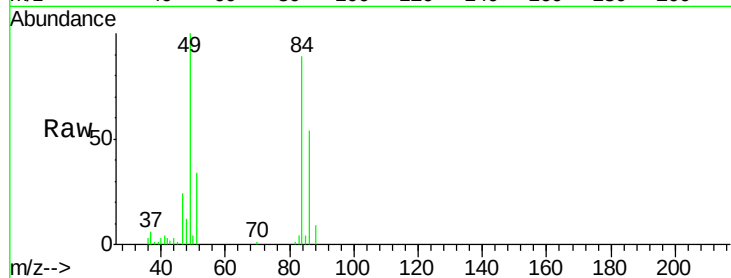
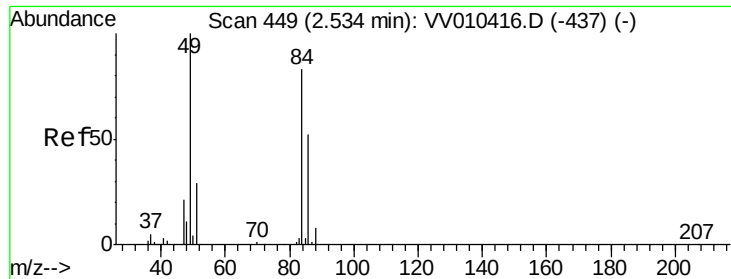
74 17.3 19.8 29.6#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0





#16

Methylene chloride

Concen: 3.914 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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GAHP1

Tot Ion: 84 Resp: 18815

Ion Ratio Lower Upper

84 100

49 112.7 85.0 158.0

86 60.3 43.9 81.5

