

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042219\
 Data File : VV010439.D
 Acq On : 23 Apr 2019 06:23
 Operator : SY/MD
 Sample : K2481-03
 Misc : 5.10G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHT8

Quant Time: Apr 23 08:18:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 07:55:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	309940	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	242273	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	83850	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	62650	14.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.68%
7) Chloroethane-d5	1.56	69	56227	16.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.72%
10) 1,1-Dichloroethene-d2	2.12	63	117819	14.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.12%
20) 2-Butanone-d5	3.92	46	50916	50.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.98%
24) Chloroform-d	4.40	84	154359	20.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.52%
26) 1,2-Dichloroethane-d4	5.07	65	99141	21.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.36%
29) Benzene-d6	5.09	84	293830	26.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.08%
33) 1,2-Dichloropropane-d6	6.11	67	96636	29.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.16%
37) Toluene-d8	7.36	98	251286	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.24%
38) trans-1,3-Dichloropropene-	7.66	79	32785	20.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.72%
39) 2-Hexanone-d5	8.13	63	31453	47.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.98%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	75264	23.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	69287	21.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.96%

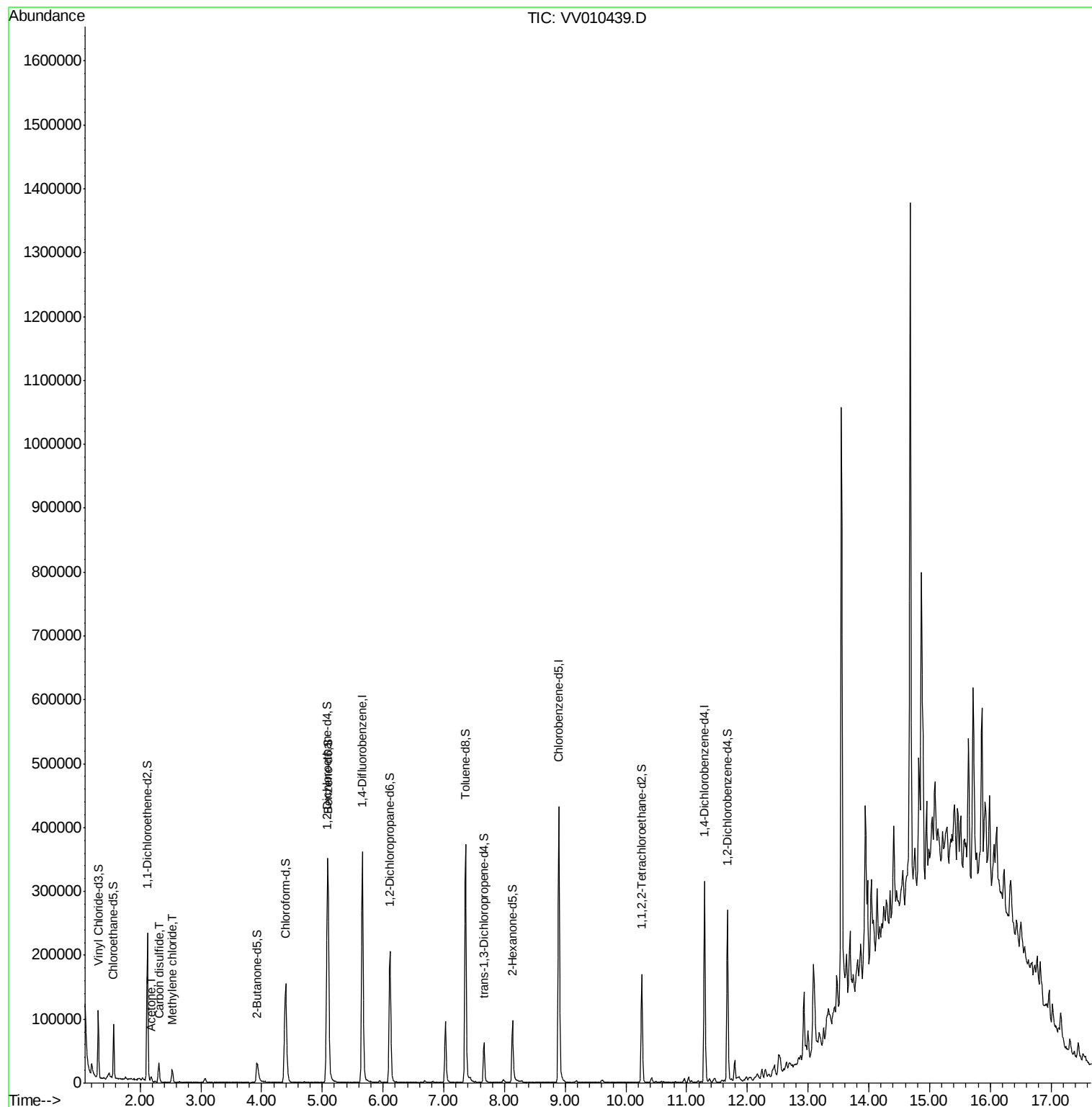
Target Compounds					Ovalue
13) Acetone	2.18	43	7355	6.873 ug/L	100
14) Carbon disulfide	2.31	76	27348	3.135 ug/L	96
16) Methylene chloride	2.53	84	8403	1.849 ug/L	91

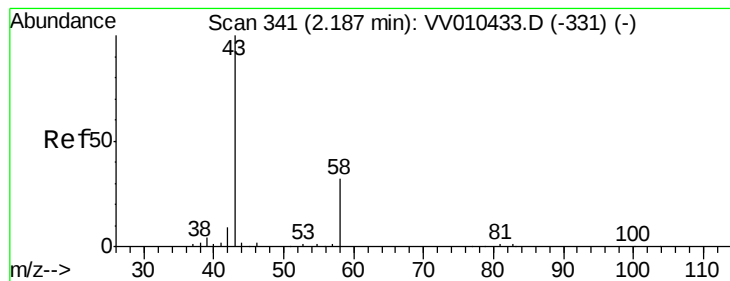
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.873 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV010439.D

Acq: 23 Apr 2019 06:23

Instrument :

MSVOA_V

ClientSampleId :

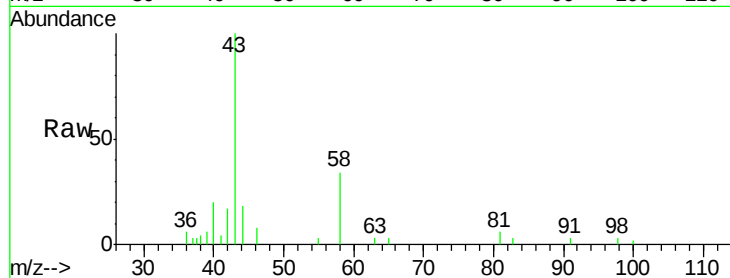
GAHT8

Tot Ion: 43 Resp: 7355

Ion Ratio Lower Upper

43 100

58 32.9 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VV010439.D (-238) (-)

Ion 58.00 (57.70 to 58.70): VV010439.D (-238) (-)

2.18

4000

3000

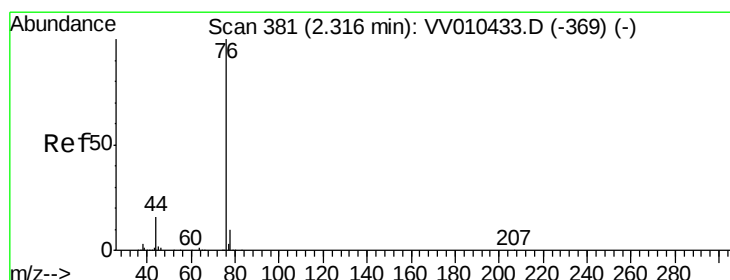
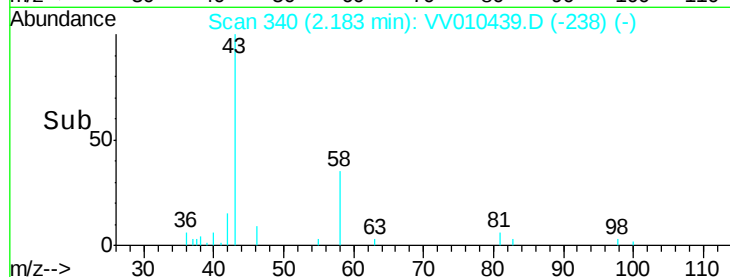
2000

1000

0

Time-->

2.15 2.20 2.25



#14

Carbon disulfide

Concen: 3.135 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.01 min

Lab File: VV010439.D

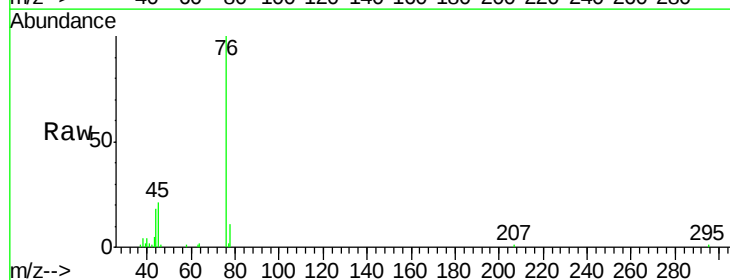
Acq: 23 Apr 2019 06:23

Tgt Ion: 76 Resp: 27348

Ion Ratio Lower Upper

76 100

78 11.0 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VV010439.D (-226) (-)

Ion 78.00 (77.70 to 78.70): VV010439.D (-226) (-)

2.31

20000

15000

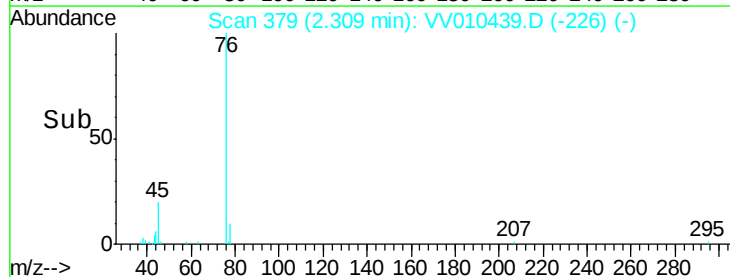
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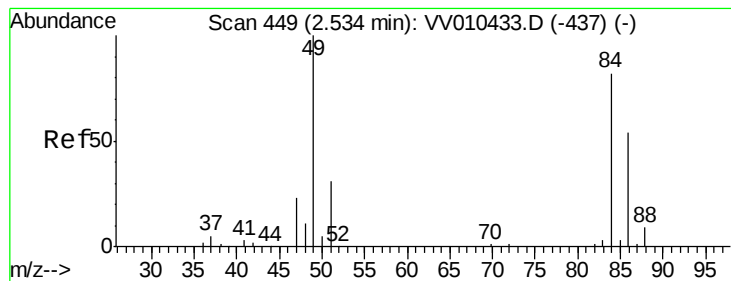
5000

0

Time-->

2.25 2.30 2.35





#16
Methvlene chloride
Concen: 1.849 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.01 min
Lab File: VV010439.D
Acq: 23 Apr 2019 06:23

Instrument :
MSVOA_V
ClientSampleId :
GAHT8

Tot Ion: 84 Resp: 8403

Ion	Ratio	Lower	Upper
84	100		
49	109.3	85.0	158.0
86	66.4	43.9	81.5

