

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
 Data File : VV010353.D
 Acq On : 18 Apr 2019 17:25
 Operator : SY/MD
 Sample : K2470-08
 Misc : 4.71G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5137

Quant Time: Apr 19 06:12:36 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	5.66	114	243841	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	252301	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	124212	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58740	18.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.88%
7) Chloroethane-d5	1.57	69	53592	20.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.44%
10) 1,1-Dichloroethene-d2	2.13	63	111651	14.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.80%
20) 2-Butanone-d5	3.93	46	67301	69.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.58%#
24) Chloroform-d	4.40	84	140802	21.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.84%
26) 1,2-Dichloroethane-d4	5.08	65	95107	25.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.52%
29) Benzene-d6	5.10	84	265439	20.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.20%
33) 1,2-Dichloropropane-d6	6.12	67	83388	22.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.24%
37) Toluene-d8	7.36	98	251484	20.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.04%
38) trans-1,3-Dichloropropene-	7.66	79	38766	20.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.40%
39) 2-Hexanone-d5	8.13	63	56277	66.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.74%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	106947	28.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	117801	24.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.48%

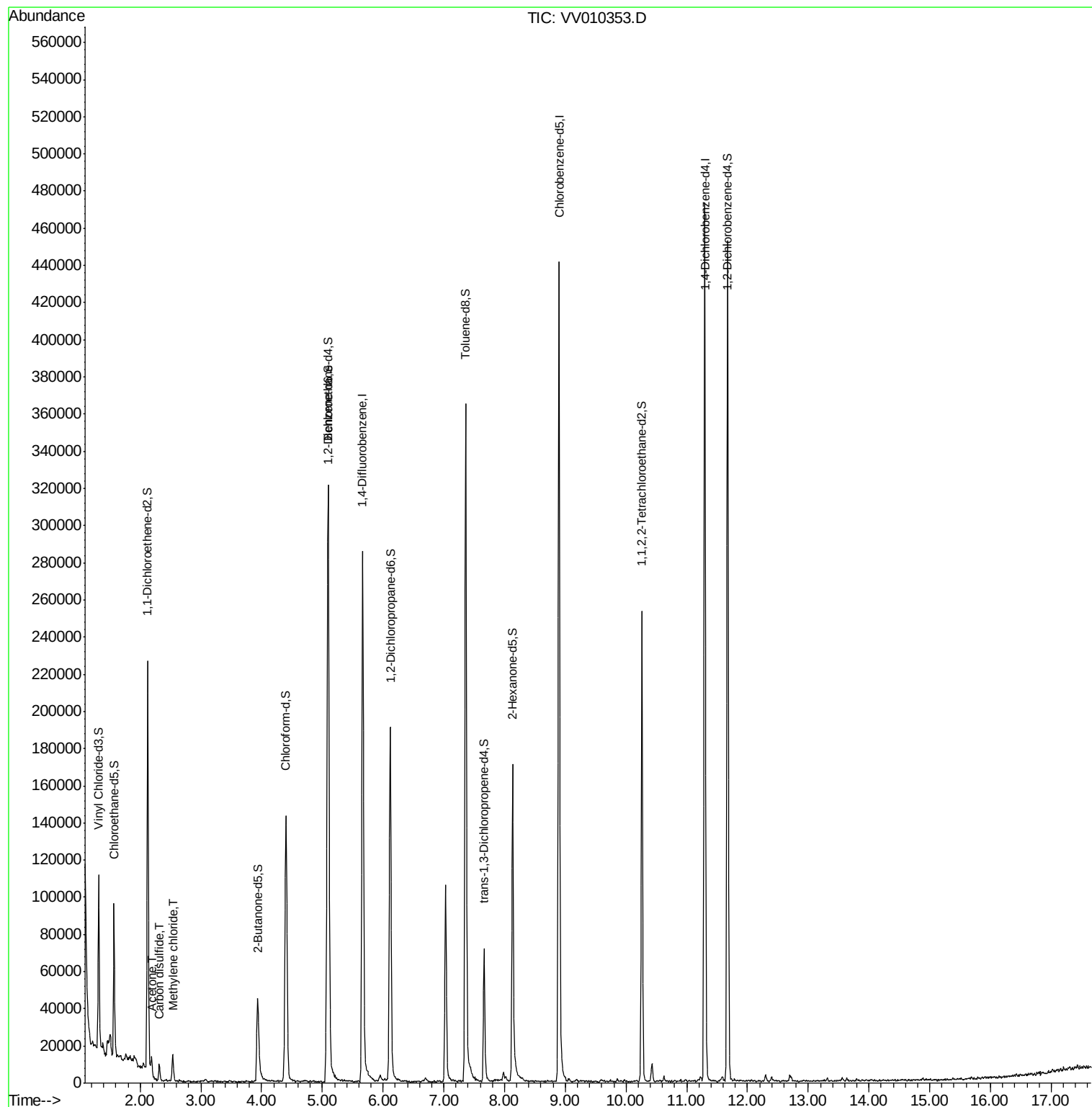
Target Compounds					Qvalue
13) Acetone	2.19	43	5883	5.781 ug/L	96
14) Carbon disulfide	2.32	76	9580	1.226 ug/L #	89
16) Methylene chloride	2.54	84	6210	1.594 ug/L	95

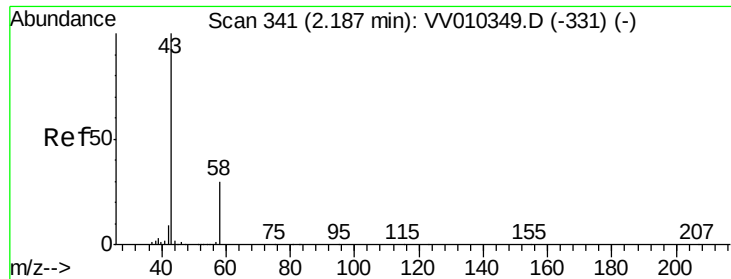
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.781 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV010353.D

Acq: 18 Apr 2019 17:25

Instrument :

MSVOA_V

ClientSampleId :

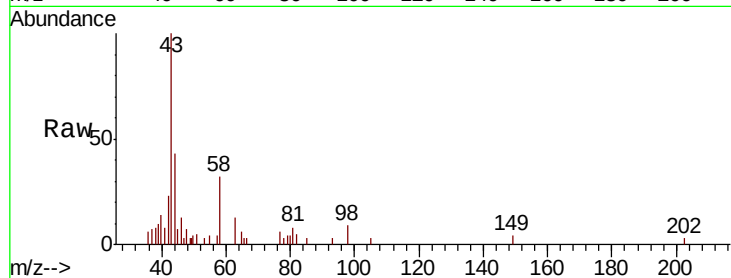
A5137

Tgt Ion: 43 Resp: 5883

Ion Ratio Lower Upper

43 100

58 32.2 0.0 60.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

4000

3000

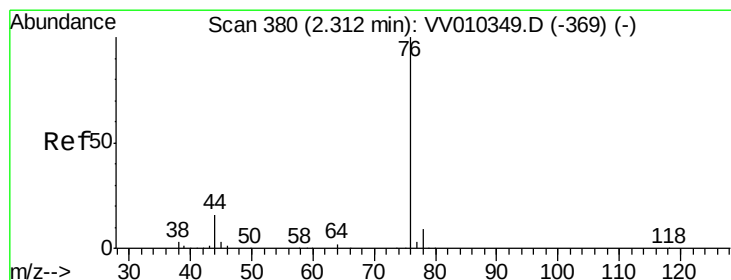
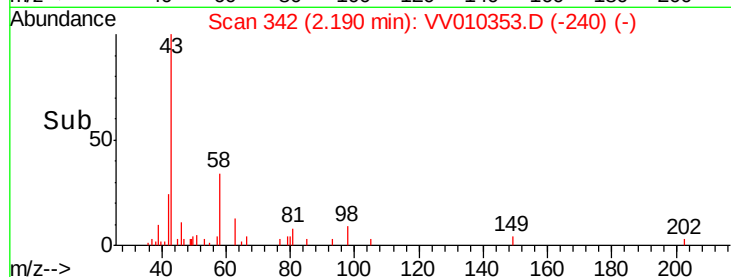
2000

1000

0

2.15 2.20

Time-->



#14

Carbon disulfide

Concen: 1.226 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV010353.D

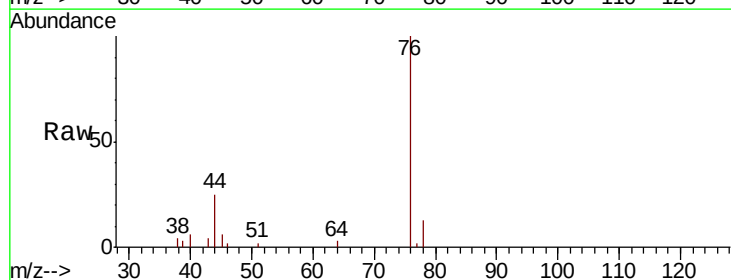
Acq: 18 Apr 2019 17:25

Tgt Ion: 76 Resp: 9580

Ion Ratio Lower Upper

76 100

78 12.8 7.1 10.7#



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.32

6000

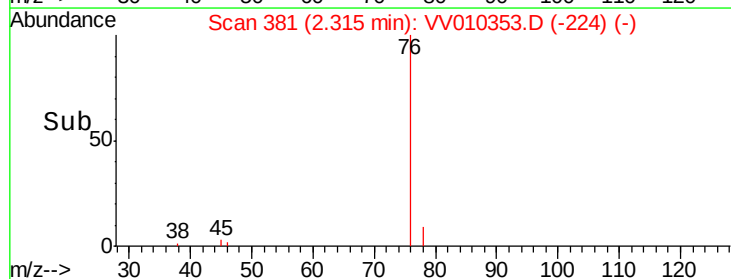
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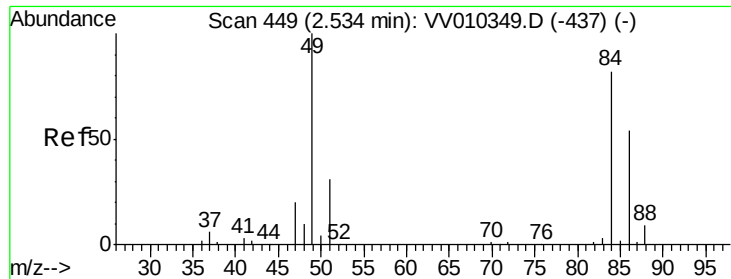
2000

0

2.25 2.30 2.35

Time-->





#16
Methylene chloride
Concen: 1.594 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
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Acq: 18 Apr 2019 17:25

Instrument :
MSVOA_V
ClientSampleId :
A5137

Tgt Ion: 84 Resp: 6210
Ion Ratio Lower Upper
84 100
49 114.2 83.8 155.6
86 69.5 46.1 85.5

