

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052019\
 Data File : VV010976.D
 Acq On : 20 May 2019 23:46
 Operator : SY/MD
 Sample : K2846-19
 Misc : 3.59G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFHA1

Quant Time: May 21 05:22:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 21 04:03:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	111279	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	112587	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40904	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20813	16.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.64%
7) Chloroethane-d5	1.57	69	16185	18.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.36%
10) 1,1-Dichloroethene-d2	2.12	63	31680	12.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.96%
20) 2-Butanone-d5	3.94	46	19974	45.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.26%
24) Chloroform-d	4.40	84	50644	17.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.28%
26) 1,2-Dichloroethane-d4	5.08	65	37319	21.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.88%
29) Benzene-d6	5.10	84	123100	20.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.12%
33) 1,2-Dichloropropane-d6	6.12	67	42693	21.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.44%
37) Toluene-d8	7.36	98	103691	18.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.60%
38) trans-1,3-Dichloropropene-	7.66	79	12598	15.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.84%
39) 2-Hexanone-d5	8.13	63	16384	44.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.96%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	38915	19.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	35442	21.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.36%

Target Compounds

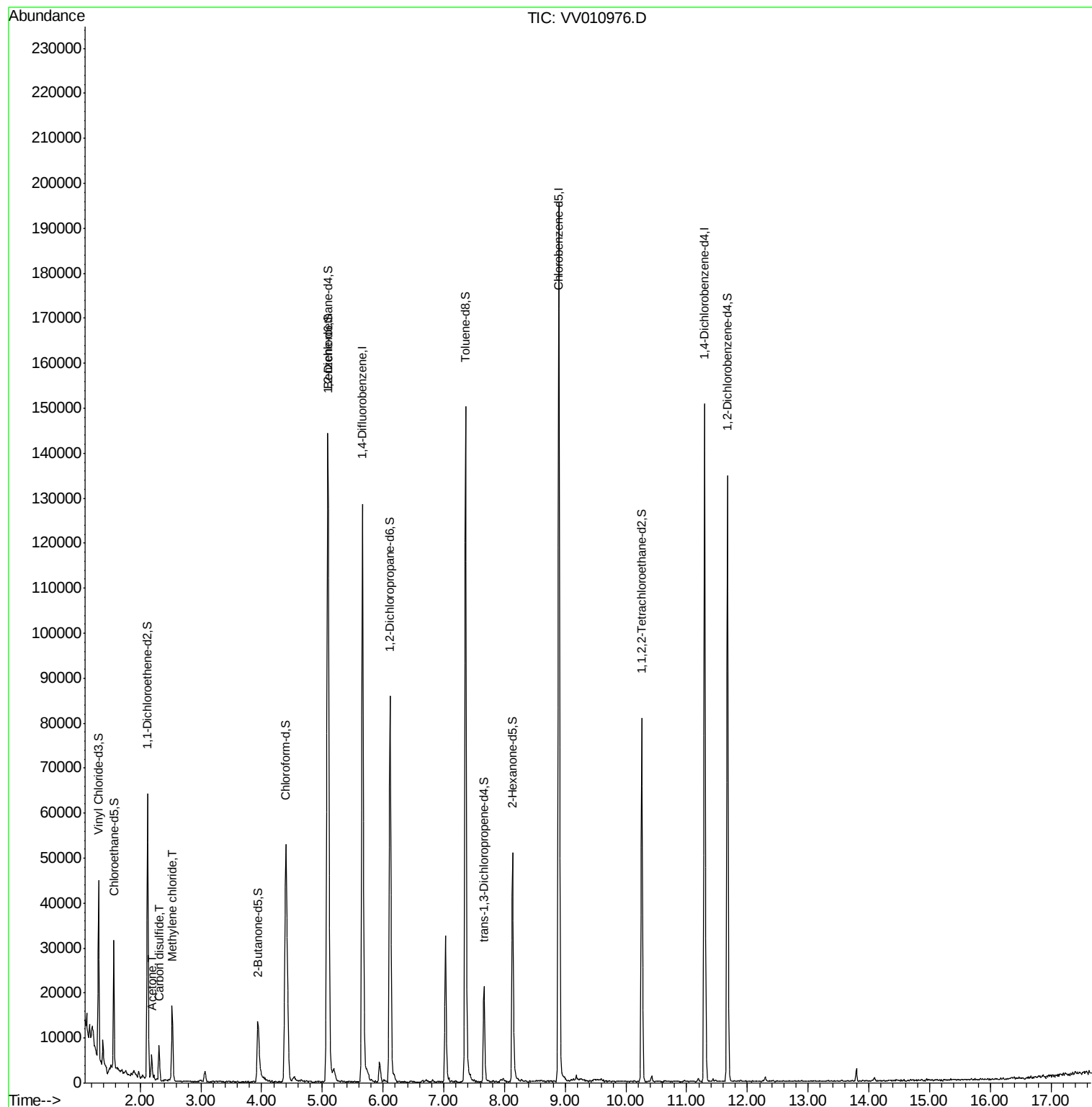
					Ovalue
13) Acetone	2.19	43	4707	11.150 ug/L	99
14) Carbon disulfide	2.31	76	6902	2.099 ug/L #	93
16) Methylene chloride	2.53	84	7033	3.683 ug/L	97

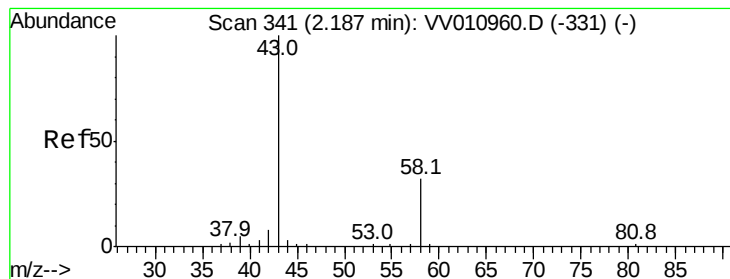
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052019\
Data File : VV010976.D
Acq On : 20 May 2019 23:46
Operator : SY/MD
Sample : K2846-19
Misc : 3.59G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHA1

Quant Time: May 21 05:22:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Tue May 21 04:03:21 2019
Response via : Initial Calibration





#13

Acetone

Concen: 11.150 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV010976.D

Acq: 20 May 2019 23:46

Instrument :

MSVOA_V

ClientSampleId :

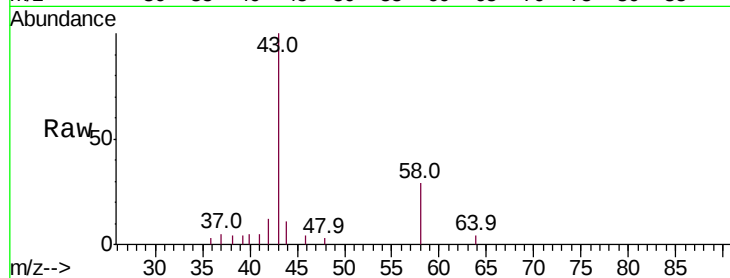
BFHA1

Tot Ion: 43 Resp: 4707

Ion Ratio Lower Upper

43 100

58 30.7 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

3000

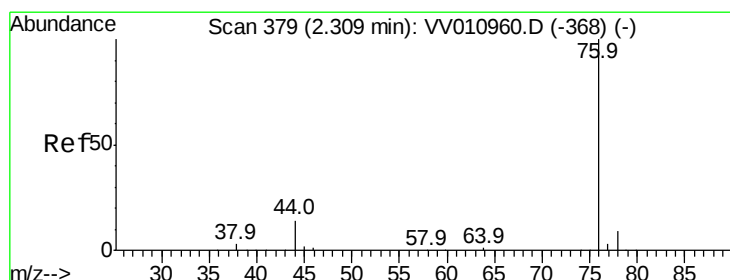
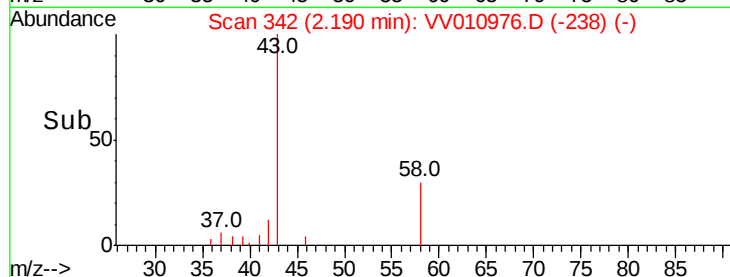
2000

1000

0

Time-->

2.15 2.20



#14

Carbon disulfide

Concen: 2.099 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV010976.D

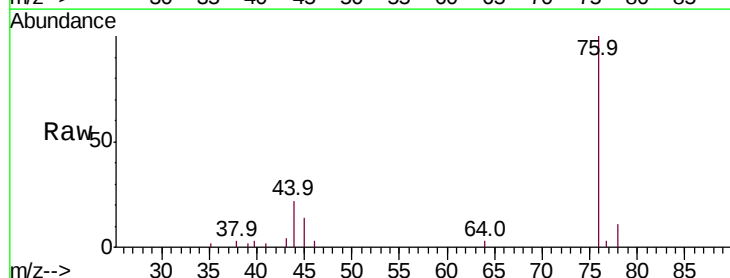
Acq: 20 May 2019 23:46

Tgt Ion: 76 Resp: 6902

Ion Ratio Lower Upper

76 100

78 11.4 7.2 10.8#



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.31

5000

4000

3000

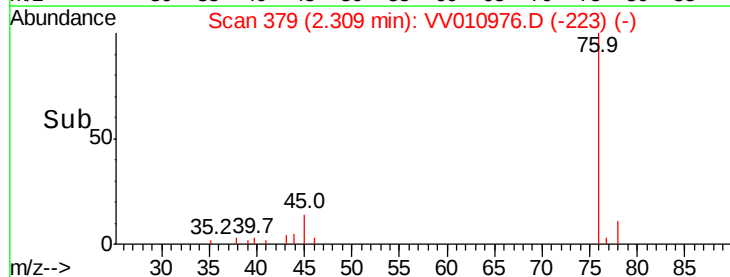
2000

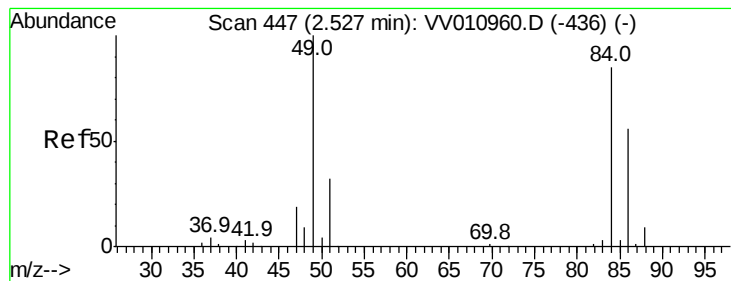
1000

0

Time-->

2.30 2.35





#16
 Methvlene chloride
 Concen: 3.683 ug/L
 RT: 2.53 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: VV010976.D
 Acq: 20 May 2019 23:46

Instrument :
 MSVOA_V
 ClientSampleId :
 BFHA1

Tot Ion: 84 Resp: 7033

Ion	Ratio	Lower	Upper
84	100		
49	114.7	77.4	143.8
86	63.6	44.0	81.6

