

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052019\
 Data File : VV010971.D
 Acq On : 20 May 2019 21:26
 Operator : SY/MD
 Sample : K2846-12
 Misc : 4.23G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFHB1

Quant Time: May 21 05:11:29 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	79464	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	75012	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	27664	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	16431	18.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.56%
7) Chloroethane-d5	1.57	69	13261	21.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.48%
10) 1,1-Dichloroethene-d2	2.12	63	25348	14.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.20%
20) 2-Butanone-d5	3.94	46	22537	72.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.20%#
24) Chloroform-d	4.40	84	38821	18.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.44%
26) 1,2-Dichloroethane-d4	5.08	65	30155	24.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.44%
29) Benzene-d6	5.10	84	99358	24.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.04%
33) 1,2-Dichloropropane-d6	6.12	67	33237	25.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.16%
37) Toluene-d8	7.36	98	77349	20.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.28%
38) trans-1,3-Dichloropropene-	7.66	79	10018	18.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.00%
39) 2-Hexanone-d5	8.13	63	15580	64.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.40%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	36012	27.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.88%
61) 1,2-Dichlorobenzene-d4	11.67	152	27097	24.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.48%

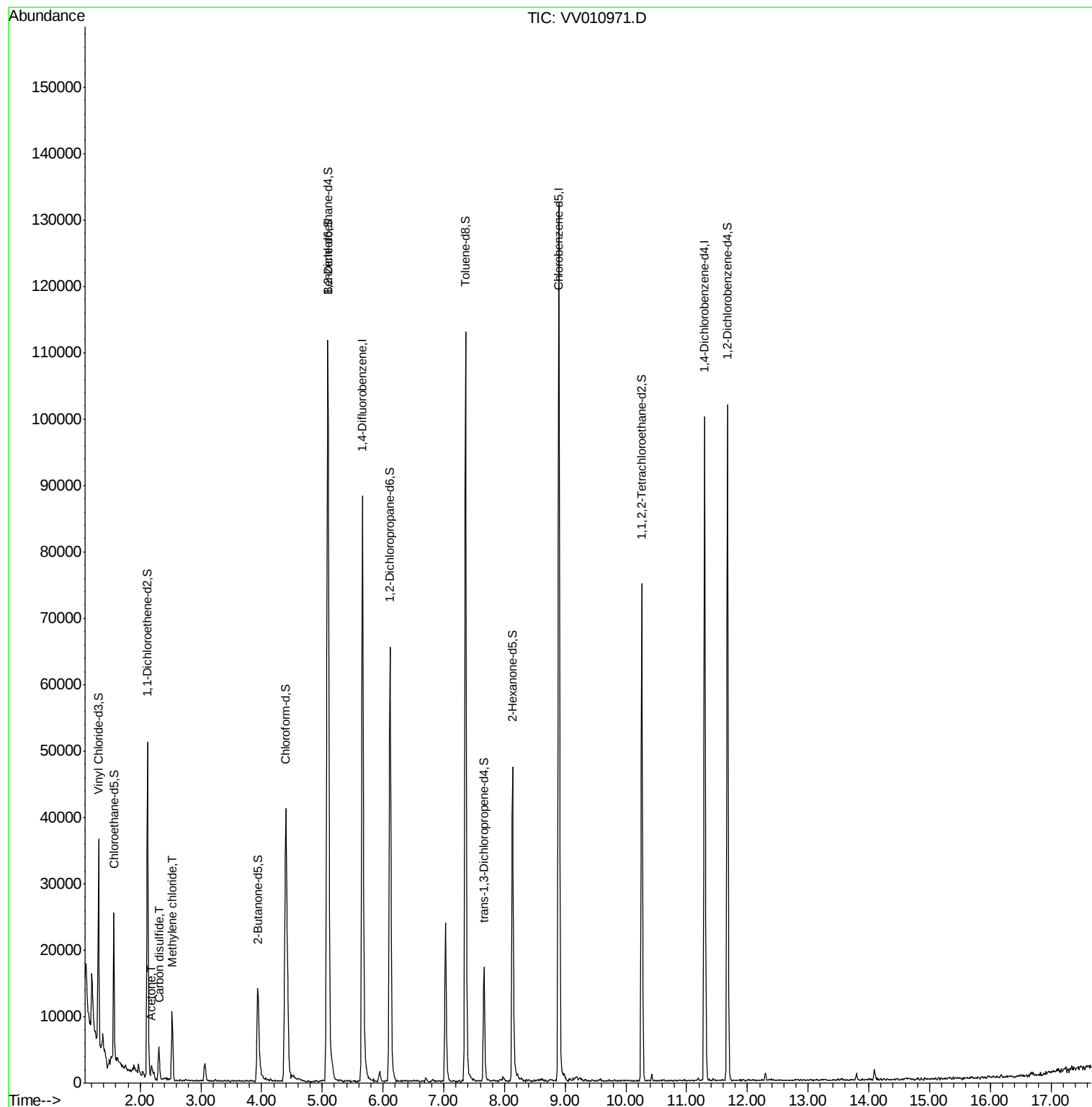
Target Compounds					Ovalue
13) Acetone	2.19	43	1685	5.590 ug/L	77
14) Carbon disulfide	2.31	76	4332	1.845 ug/L #	90
16) Methylene chloride	2.53	84	4468	3.276 ug/L	88

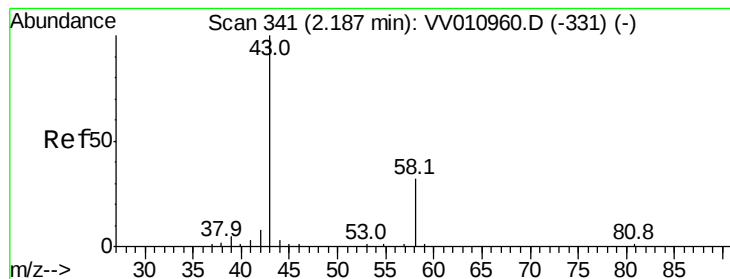
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.590 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV010971.D

Acq: 20 May 2019 21:26

Instrument :

MSVOA_V

ClientSampled :

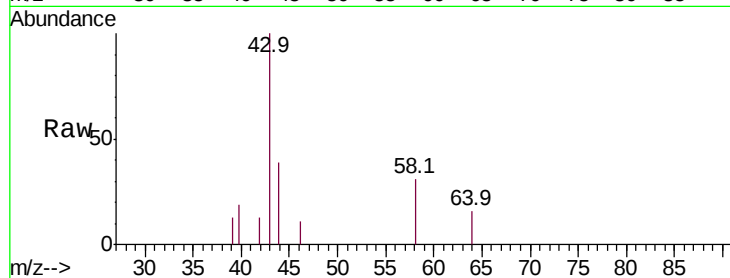
BFHB1

Tot Ion: 43 Resp: 1685

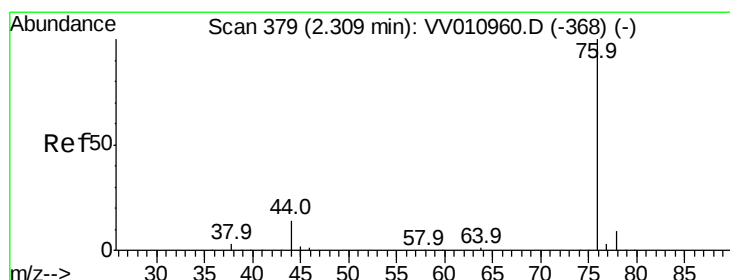
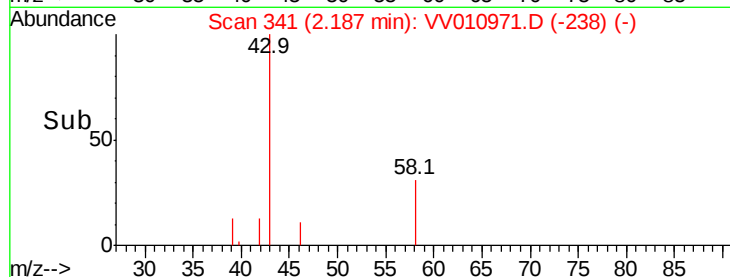
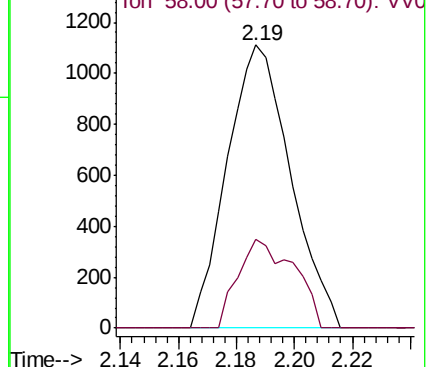
Ion Ratio Lower Upper

43 100

58 17.7 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV010971.D (-238) (-)



#14

Carbon disulfide

Concen: 1.845 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV010971.D

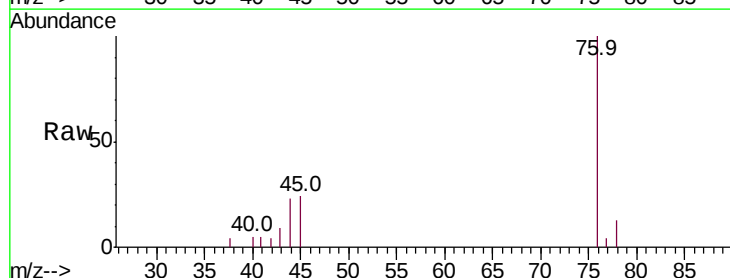
Acq: 20 May 2019 21:26

Tgt Ion: 76 Resp: 4332

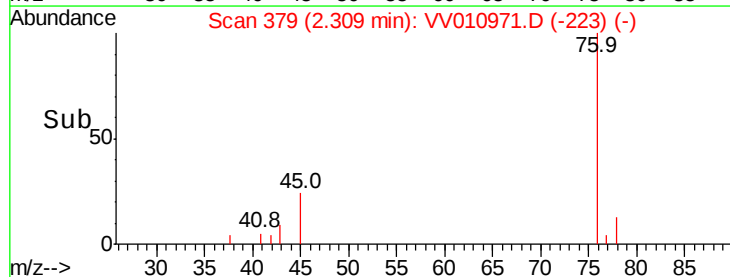
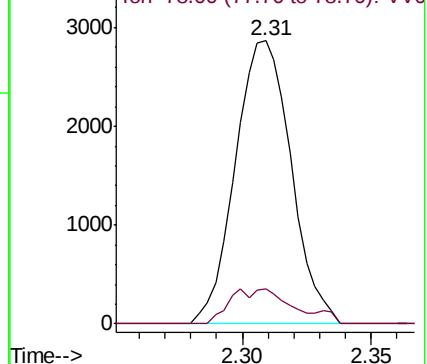
Ion Ratio Lower Upper

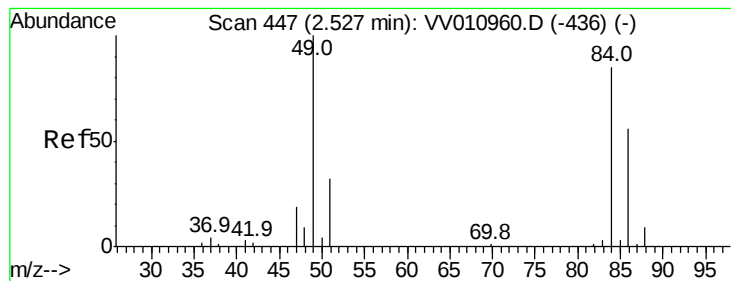
76 100

78 12.5 7.2 10.8#



Abundance Ion 76.00 (75.70 to 76.70): VV010971.D (-223) (-)





#16
 Methvlene chloride
 Concen: 3.276 ug/L
 RT: 2.53 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: VV010971.D
 Acq: 20 May 2019 21:26

Instrument :
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Tot Ion: 84 Resp: 4468
 Ion Ratio Lower Upper
 84 100
 49 118.7 77.4 143.8
 86 77.1 44.0 81.6

