

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052019\
 Data File : VV010970.D
 Acq On : 20 May 2019 20:58
 Operator : SY/MD
 Sample : K2846-11
 Misc : 3.46G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFHB0

Quant Time: May 21 05:08:57 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	117888	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	113163	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41042	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17483	13.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.04%
7) Chloroethane-d5	1.56	69	13728	15.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.36%
10) 1,1-Dichloroethene-d2	2.12	63	26280	10.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	40.68%#
20) 2-Butanone-d5	3.94	46	22370	48.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.48%
24) Chloroform-d	4.40	84	51024	16.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	66.84%
26) 1,2-Dichloroethane-d4	5.08	65	34025	18.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.64%
29) Benzene-d6	5.10	84	107516	17.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.60%
33) 1,2-Dichloropropane-d6	6.12	67	37632	19.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.68%
37) Toluene-d8	7.36	98	86911	15.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	60.52%
38) trans-1,3-Dichloropropene-	7.66	79	11537	14.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	57.24%
39) 2-Hexanone-d5	8.13	63	16821	45.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.88%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	37549	19.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	31438	18.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.48%

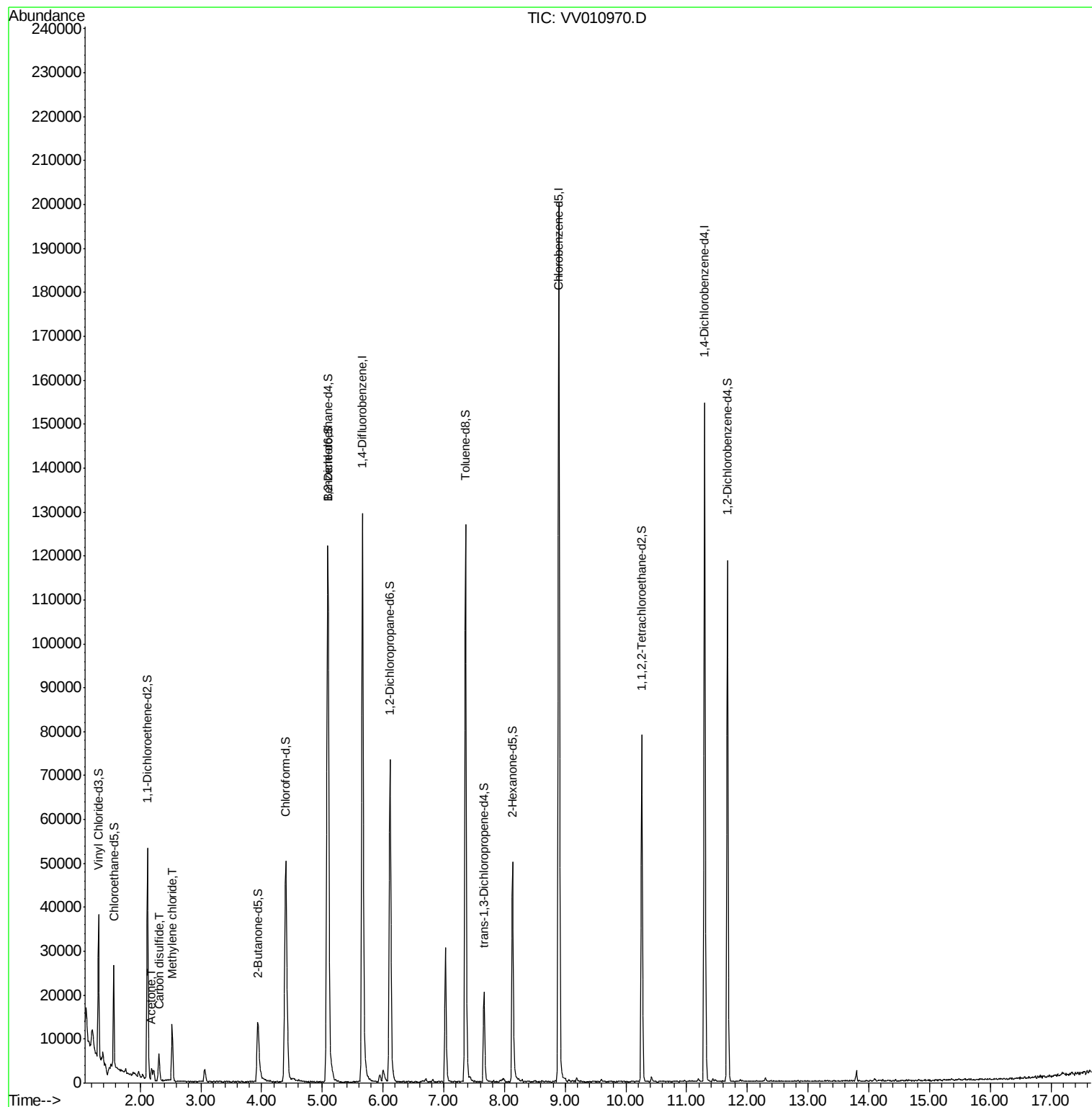
Target Compounds					Ovalue
13) Acetone	2.19	43	2116	4.732 ug/L	94
14) Carbon disulfide	2.31	76	4828	1.386 ug/L	96
16) Methylene chloride	2.53	84	5140	2.541 ug/L	84

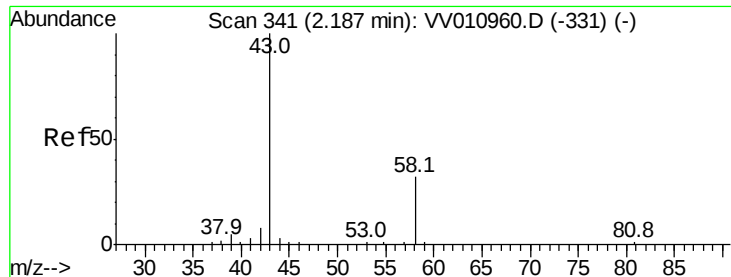
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.732 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV010970.D

Acq: 20 May 2019 20:58

Instrument :

MSVOA_V

ClientSampled :

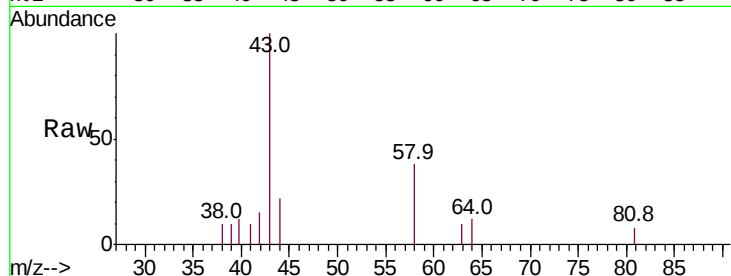
BFHB0

Tot Ion: 43 Resp: 2116

Ion Ratio Lower Upper

43 100

58 33.6 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV010960.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010960.D (-331) (-)

1500

1000

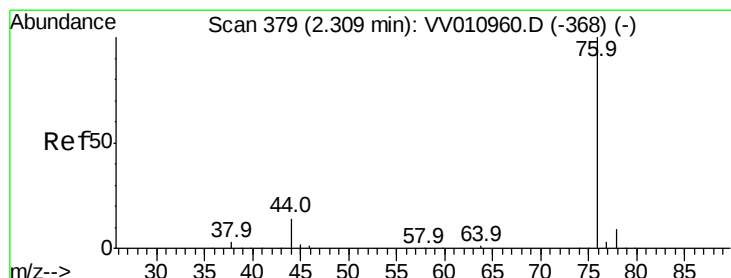
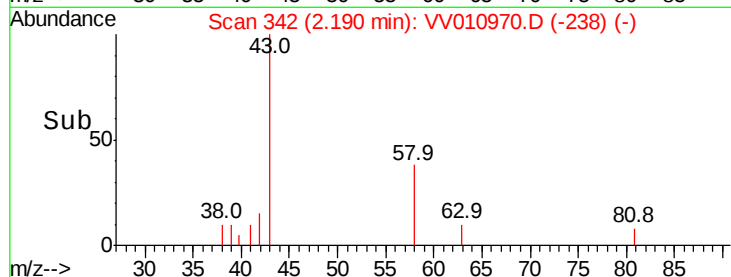
500

0

Time-->

2.15 2.20

2.19



#14

Carbon disulfide

Concen: 1.386 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV010970.D

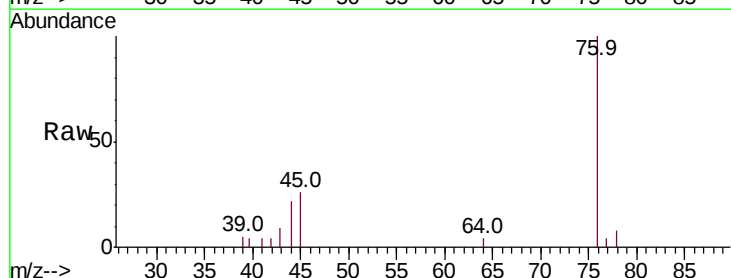
Acq: 20 May 2019 20:58

Tgt Ion: 76 Resp: 4828

Ion Ratio Lower Upper

76 100

78 7.6 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VV010960.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VV010960.D (-368) (-)

4000

3000

2000

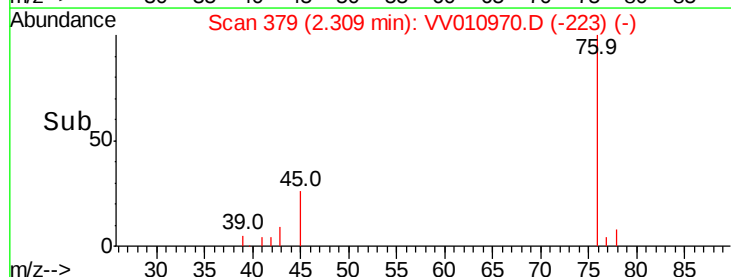
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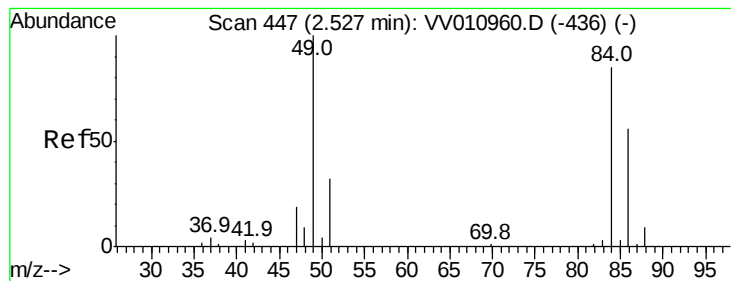
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Time-->

2.30 2.35

2.31





#16
 Methvlene chloride
 Concen: 2.541 ug/L
 RT: 2.53 min Scan# 447
 Delta R.T. 0.00 min
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Tot Ion: 84 Resp: 5140
 Ion Ratio Lower Upper
 84 100
 49 129.3 77.4 143.8
 86 73.8 44.0 81.6

