

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052019\
 Data File : VV010966.D
 Acq On : 20 May 2019 19:06
 Operator : SY/MD
 Sample : K2846-07
 Misc : 4.93G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFHC2

Manual Integrations
 APPROVED

MMDadoda
 5/25/2019 1:42:58 AM

Quant Time: May 21 04:58:45 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	114861	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	116758	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47266	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24006	18.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.32%
7) Chloroethane-d5	1.57	69	18488	20.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.40%
10) 1,1-Dichloroethene-d2	2.12	63	36498	14.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.00%
20) 2-Butanone-d5	3.94	46	27461	60.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.56%
24) Chloroform-d	4.40	84	60544	20.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.40%
26) 1,2-Dichloroethane-d4	5.08	65	43441	24.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.12%
29) Benzene-d6	5.10	84	139493	21.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.52%
33) 1,2-Dichloropropane-d6	6.12	67	47682	23.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.16%
37) Toluene-d8	7.36	98	119450	20.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.64%
38) trans-1,3-Dichloropropene-	7.66	79	17543	21.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.40%
39) 2-Hexanone-d5	8.13	63	24892	65.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.78%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	51983	25.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	47025	24.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.00%

Target Compounds					Ovalue
13) Acetone	2.19	43	7362	16.896 ug/L	91
14) Carbon disulfide	2.31	76	4199	1.237 ug/L	96
16) Methylene chloride	2.53	84	3722	1.888 ug/L	98
21) 2-Butanone	4.04	43	2640m	4.427 ug/L	

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

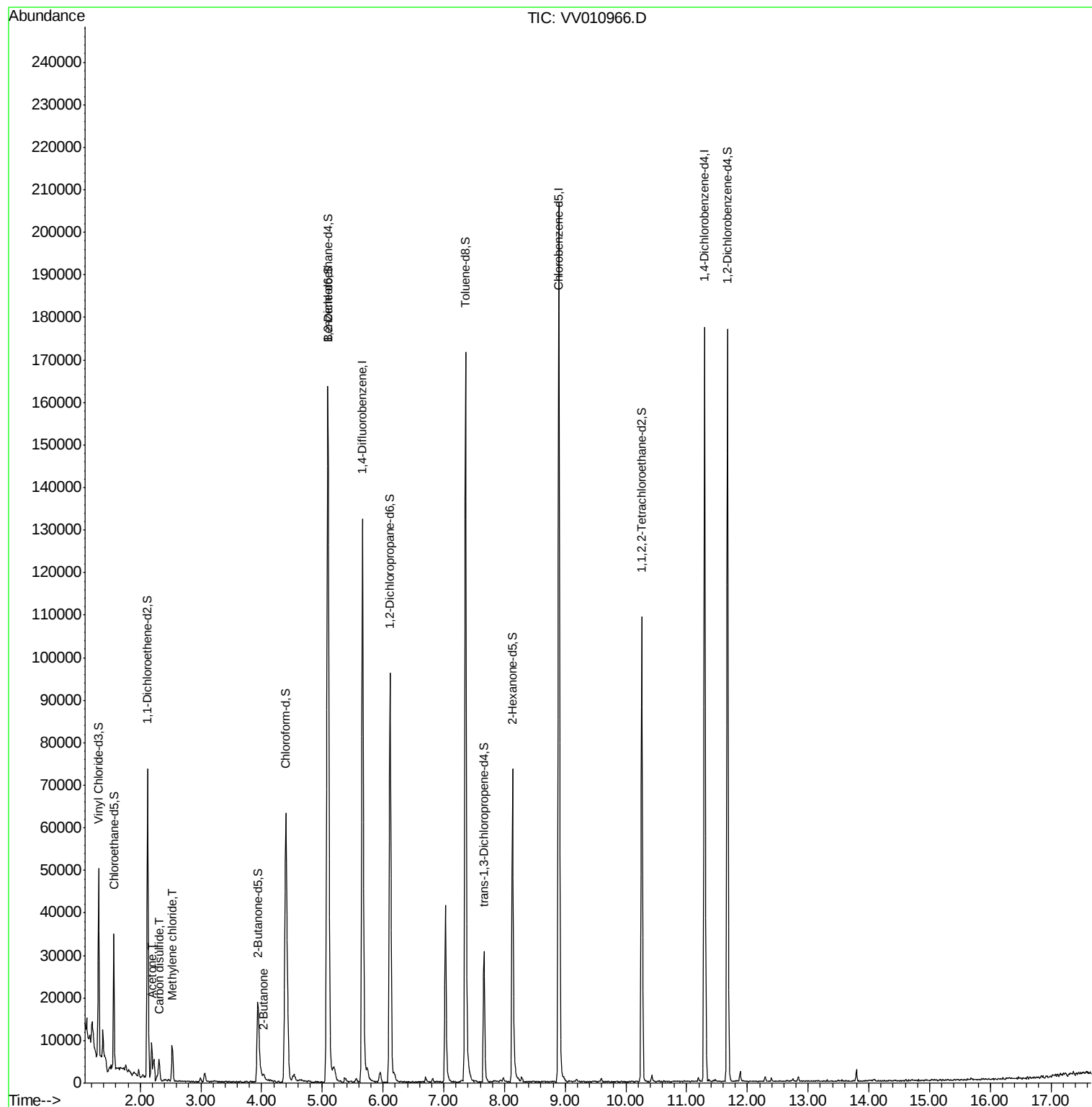
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052019\
Data File : VV010966.D
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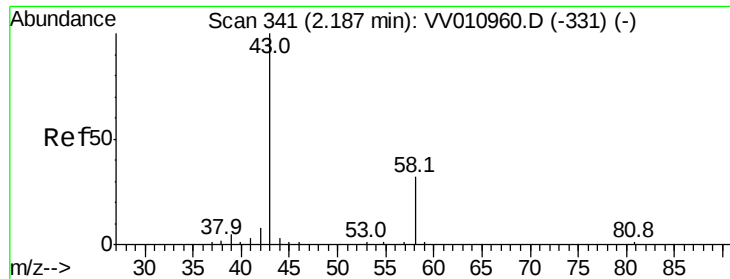
Instrument :
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Quant Time: May 21 04:58:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Tue May 21 04:03:21 2019
Response via : Initial Calibration





#13

Acetone

Concen: 16.896 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV010966.D

Acq: 20 May 2019 19:06

Instrument :

MSVOA_V

ClientSampled :

BFHC2

Tot Ion: 43 Resp: 7362

Ion Ratio Lower Upper

43 100

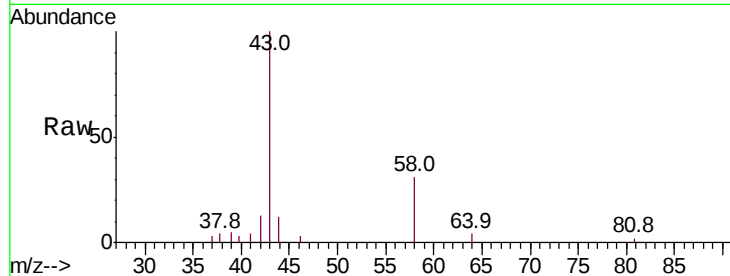
58 35.4 0.0 60.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VV010966.D (-238) (-)

Ion 58.00 (57.70 to 58.70): VV010966.D (-238) (-)

6000

5000

4000

3000

2000

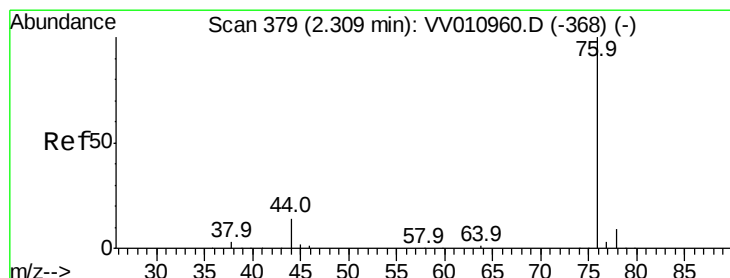
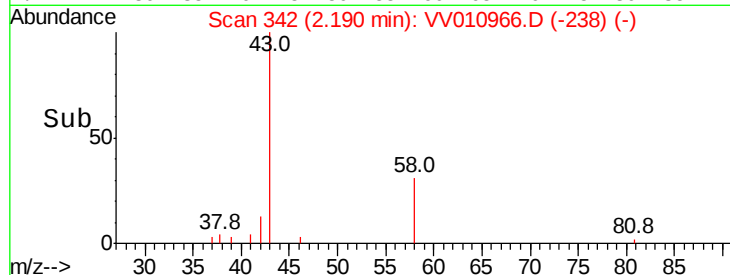
1000

0

Time-->

2.15 2.20 2.25

2.19



#14

Carbon disulfide

Concen: 1.237 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV010966.D

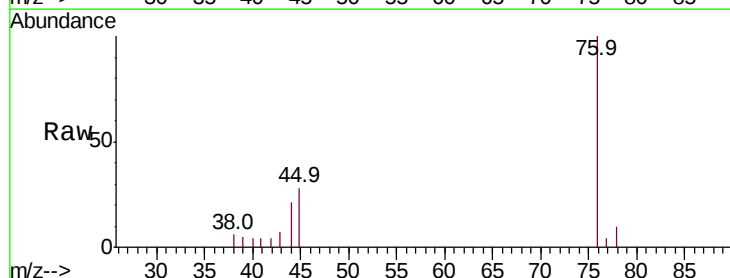
Acq: 20 May 2019 19:06

Tgt Ion: 76 Resp: 4199

Ion Ratio Lower Upper

76 100

78 10.5 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VV010966.D (-223) (-)

Ion 78.00 (77.70 to 78.70): VV010966.D (-223) (-)

3000

2000

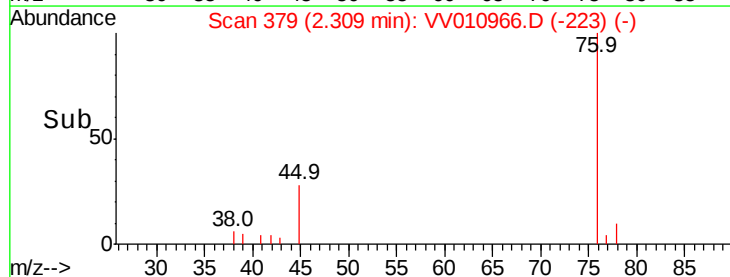
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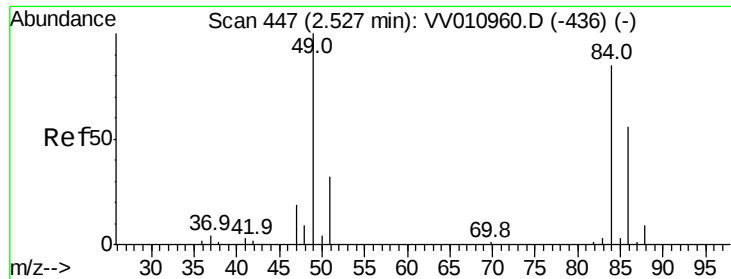
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Time-->

2.30 2.35

2.31





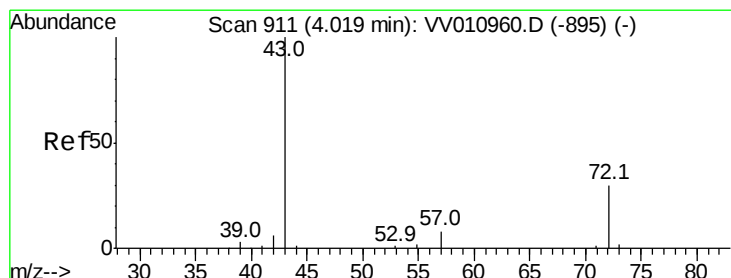
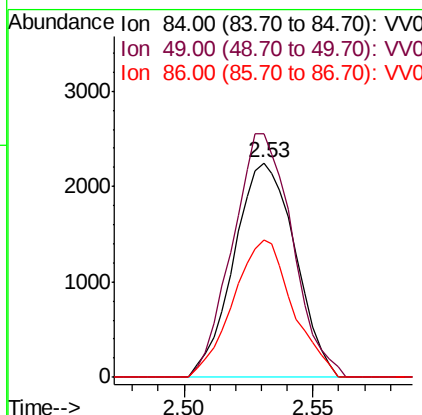
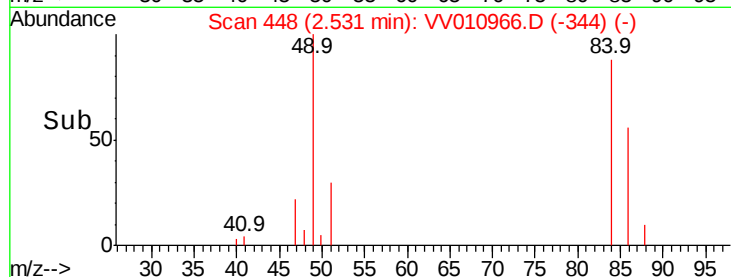
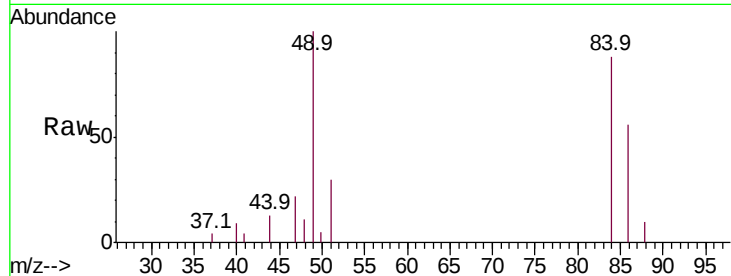
#16
Methvlene chloride
Concen: 1.888 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV010966.D
Acq: 20 May 2019 19:06

Instrument :
MSVOA_V
ClientSampleId :
BFHC2

Tot Ion: 84 Resp: 3722
Ion Ratio Lower Upper
84 100
49 113.4 77.4 143.8
86 63.7 44.0 81.6

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#21
2-Butanone
Concen: 4.427 ug/L m
RT: 4.04 min Scan# 917
Delta R.T. 0.02 min
Lab File: VV010966.D
Acq: 20 May 2019 19:06

Tgt Ion: 43 Resp: 2640
Ion Ratio Lower Upper
43 100
72 5.5 13.1 39.3#

