

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

Quant Time: May 21 04:07:04 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

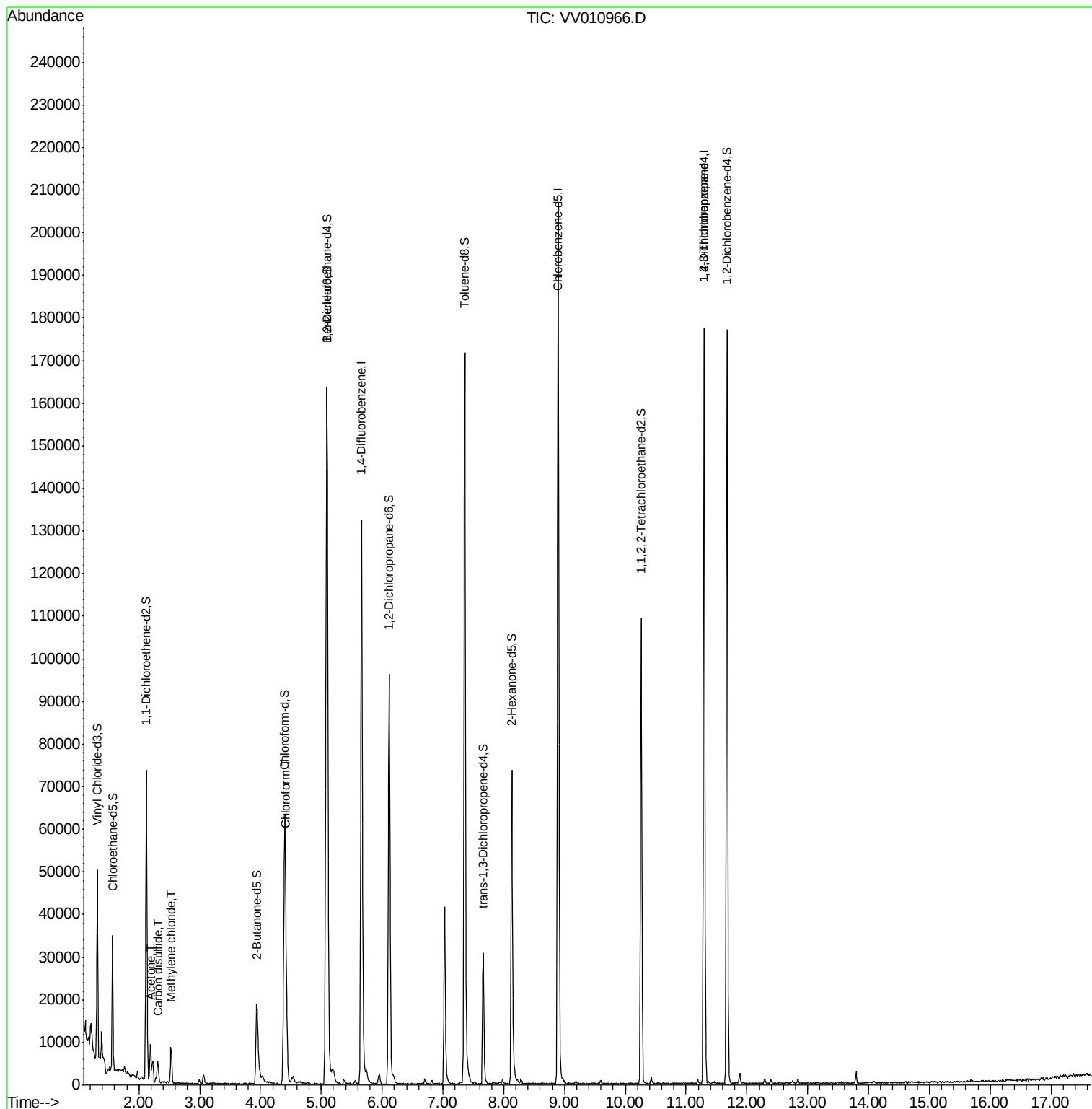
					Qvalue
13) Acetone	2.19	43	7362	16.896 ug/L	91
14) Carbon disulfide	2.31	76	4199	1.237 ug/L	96
16) Methylene chloride	2.53	84	3722	1.888 ug/L	98
25) Chloroform	4.42	83	12335	3.580 ug/L	99
59) 1,2,3-Trichloropropane	11.29	75	5784	3.967 ug/L #	82

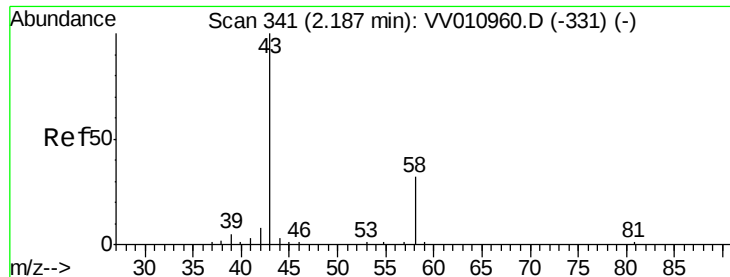
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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 :

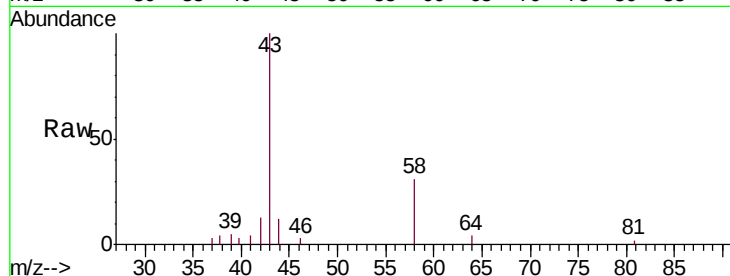
BFHC2

Tgt Ion: 43 Resp: 7362

Ion Ratio Lower Upper

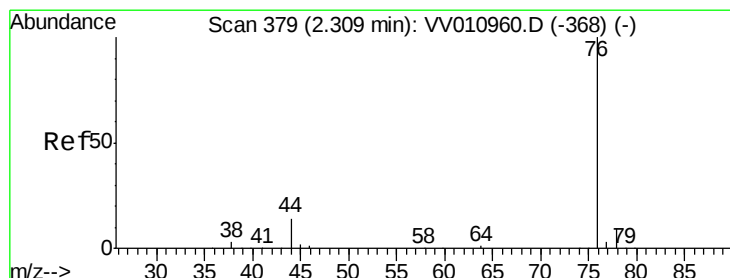
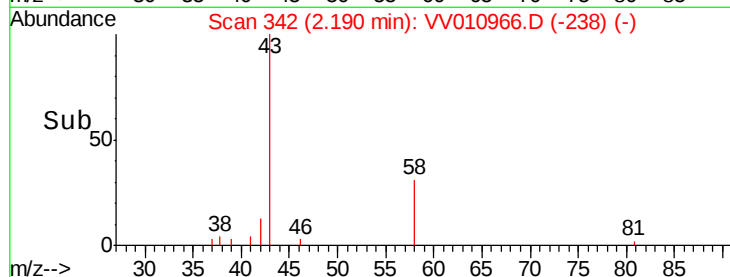
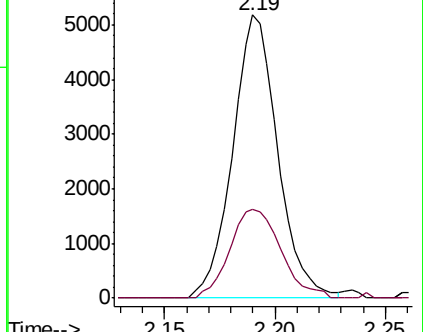
43 100

58 35.4 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV010966.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010966.D (-331) (-)



#14

Carbon disulfide

Concen: 1.237 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV010966.D

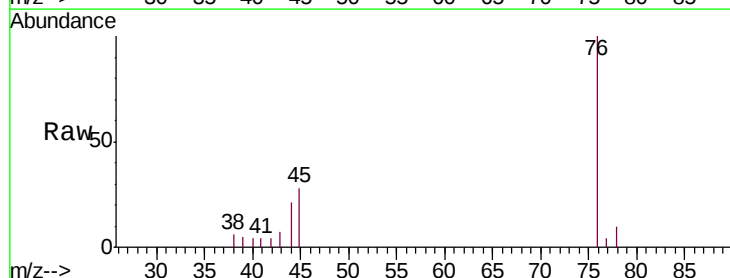
Acq: 20 May 2019 19:06

Tgt Ion: 76 Resp: 4199

Ion Ratio Lower Upper

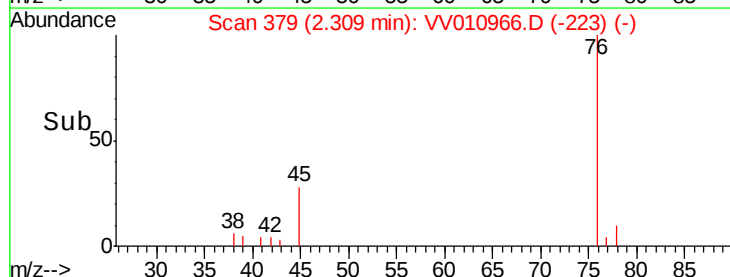
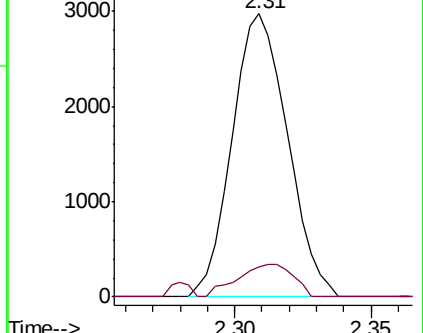
76 100

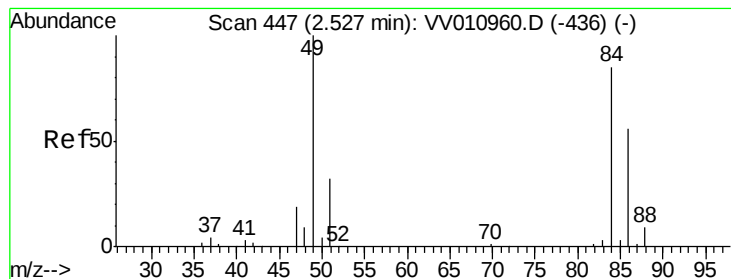
78 10.5 7.2 10.8



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

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





#16

Methylene chloride

Concen: 1.888 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

BFHC2

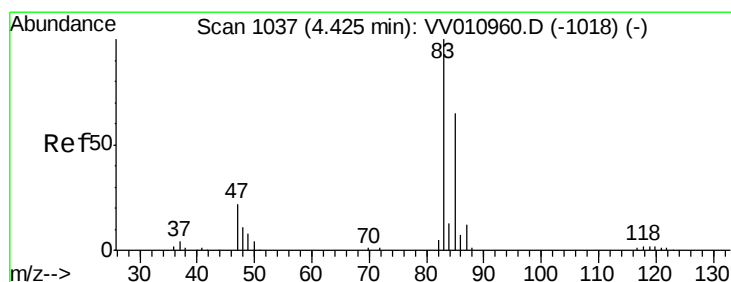
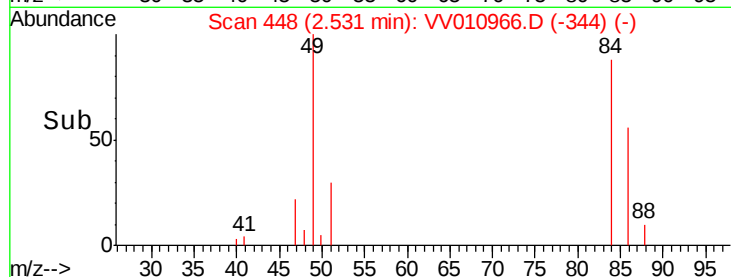
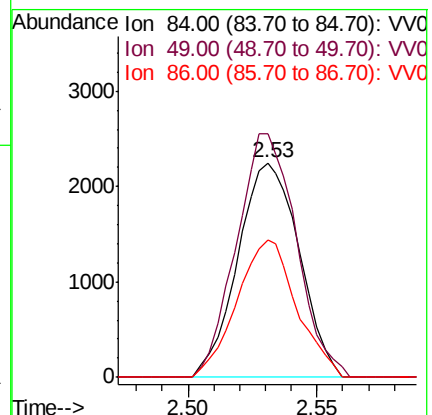
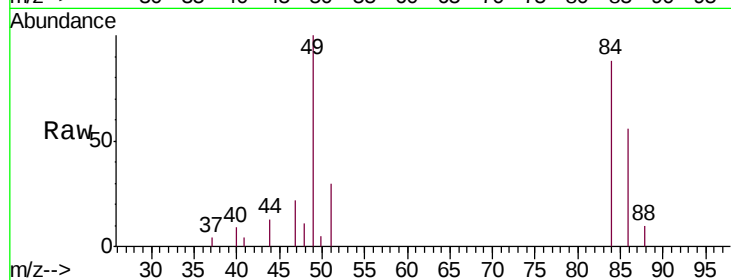
Tgt Ion: 84 Resp: 3722

Ion Ratio Lower Upper

84 100

49 113.4 77.4 143.8

86 63.7 44.0 81.6



#25

Chloroform

Concen: 3.580 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VV010966.D

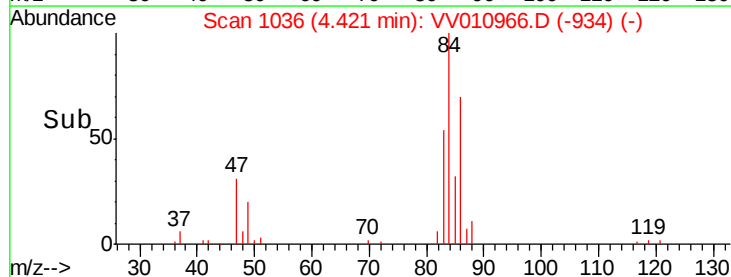
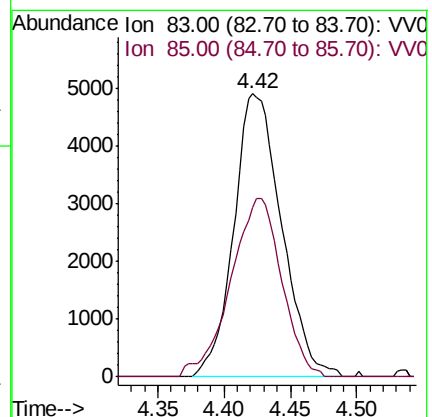
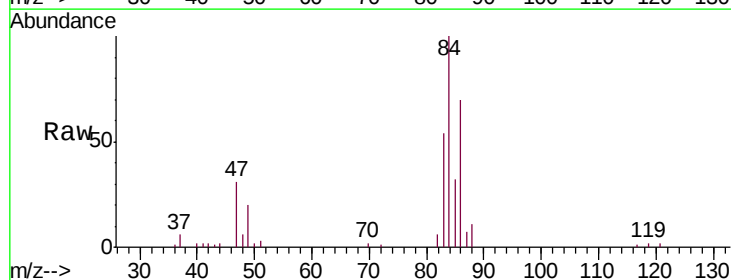
Acq: 20 May 2019 19:06

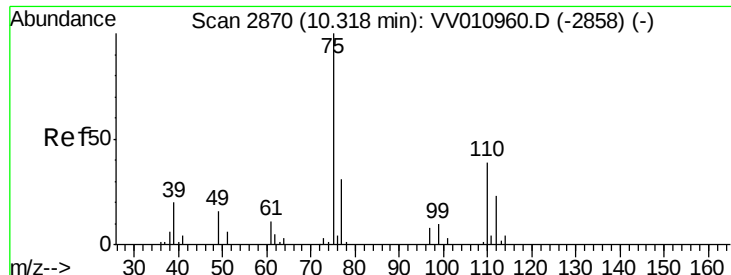
Tgt Ion: 83 Resp: 12335

Ion Ratio Lower Upper

83 100

85 66.0 45.6 84.8





#59
 1,2,3-Trichloropropane
 Concen: 3.967 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010966.D
 Acq: 20 May 2019 19:06

Instrument :
 MSVOA_V
 ClientSampleId :
 BFHC2

Tgt Ion: 75 Resp: 5784
 Ion Ratio Lower Upper
 75 100
 77 41.9 25.4 38.2#

