

Data File : VV011103.D
Acq On : 29 May 2019 13:26
Operator : SY/MD
Sample : K3006-15
Misc : 5.33G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFH81

Quant Time: May 30 03:55:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Thu May 30 03:51:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	351584	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	301212	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	107880	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	111748	23.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.72%
7) Chloroethane-d5	1.57	69	96109	27.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.76%
10) 1,1-Dichloroethene-d2	2.12	63	179172	19.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.92%
20) 2-Butanone-d5	3.94	46	82899	49.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.80%
24) Chloroform-d	4.40	84	231598	27.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.64%
26) 1,2-Dichloroethane-d4	5.08	65	140008	25.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.72%
29) Benzene-d6	5.10	84	504840	28.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.48%
33) 1,2-Dichloropropane-d6	6.12	67	170724	30.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.72%#
37) Toluene-d8	7.36	98	446150	27.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.76%
38) trans-1,3-Dichloropropene-	7.66	79	54578	20.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.52%
39) 2-Hexanone-d5	8.13	63	64210	52.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.06%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	131886	27.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.32%
61) 1,2-Dichlorobenzene-d4	11.67	152	130332	30.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	122.20%#

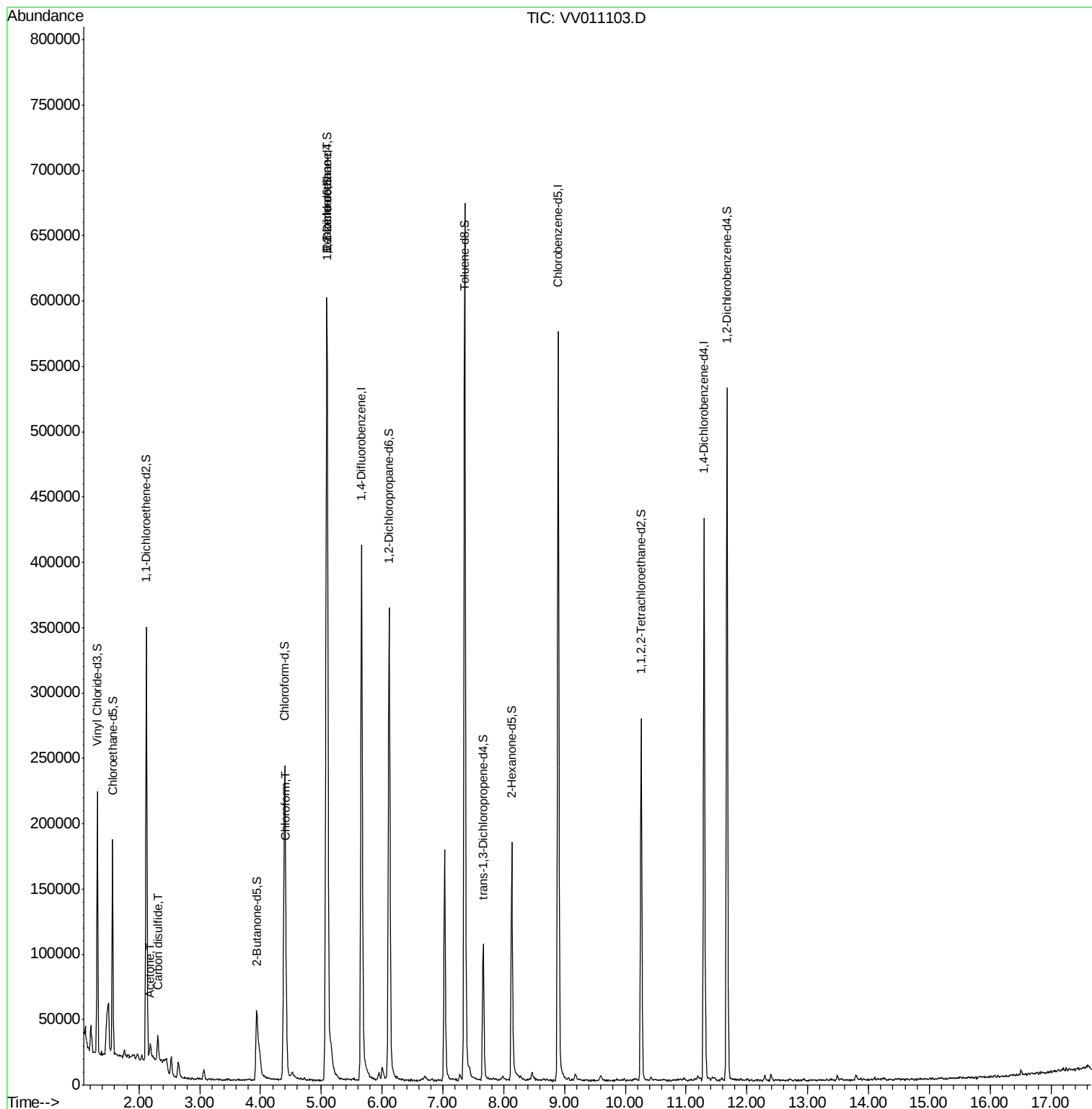
Target Compounds					Qvalue
13) Acetone	2.19	43	9716	5.162 ug/L	100
14) Carbon disulfide	2.31	76	16355	1.385 ug/L #	94
25) Chloroform	4.42	83	13112	1.323 ug/L	80
27) 1,2-Dichloroethane	5.10	62	3378	0.523 ug/L	96

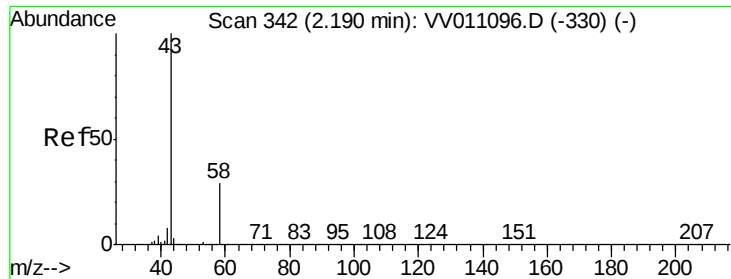
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.162 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

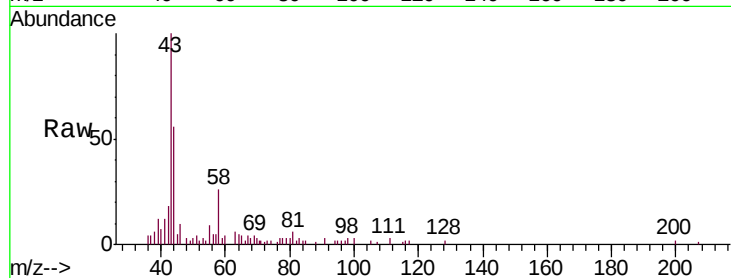
BFH81

Tgt Ion: 43 Resp: 9716

Ion Ratio Lower Upper

43 100

58 27.2 0.0 54.8



Abundance Ion 43.00 (42.70 to 43.70): VV011096.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV011096.D (-330) (-)

2.19

8000

6000

4000

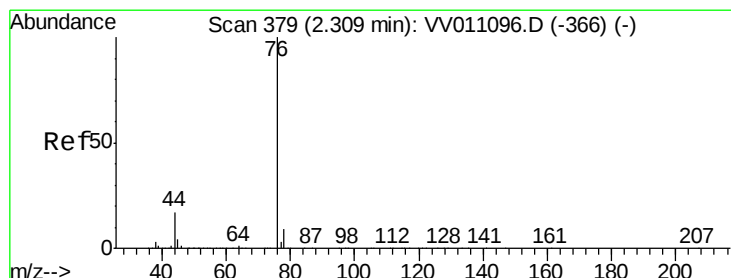
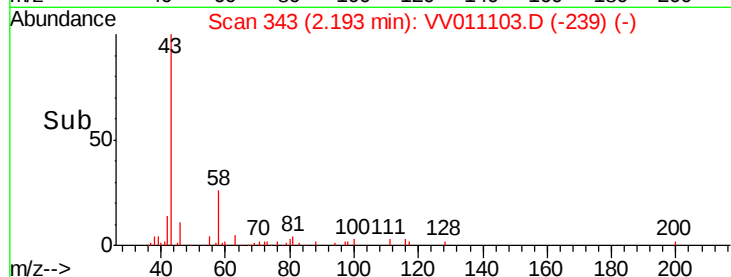
2000

0

2.15

2.20

Time-->



#14

Carbon disulfide

Concen: 1.385 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

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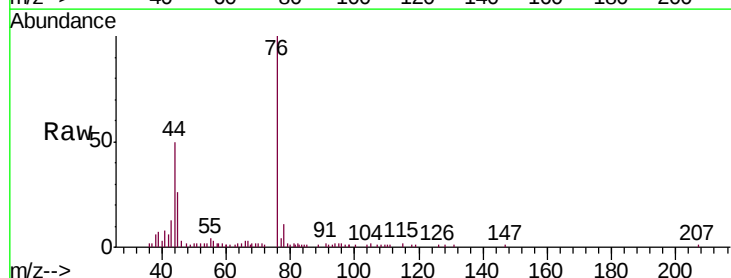
Acq: 29 May 2019 13:26

Tgt Ion: 76 Resp: 16355

Ion Ratio Lower Upper

76 100

78 11.2 7.3 10.9#



Abundance Ion 76.00 (75.70 to 76.70): VV011096.D (-366) (-)

Ion 78.00 (77.70 to 78.70): VV011096.D (-366) (-)

2.31

12000

10000

8000

6000

4000

2000

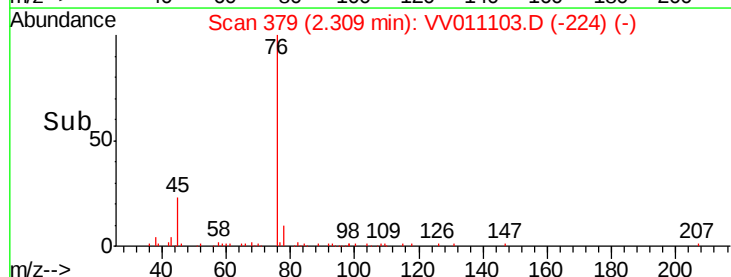
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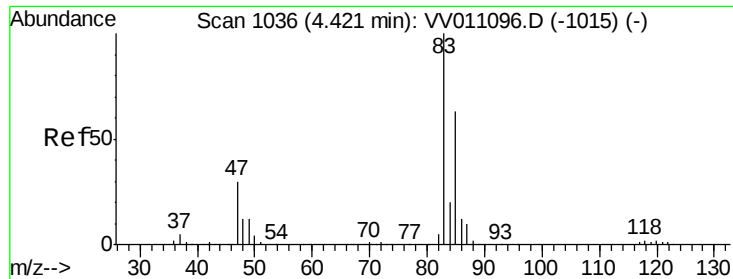
2.25

2.30

2.35

Time-->

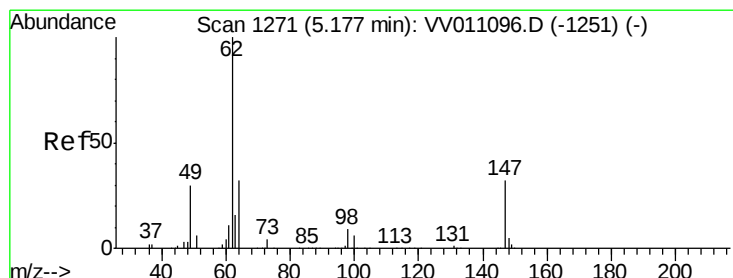
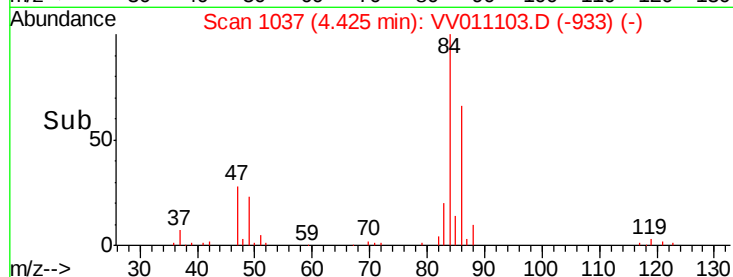
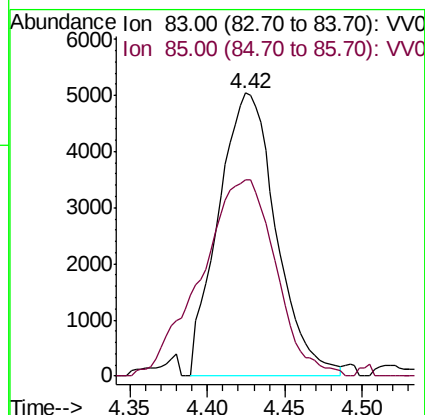
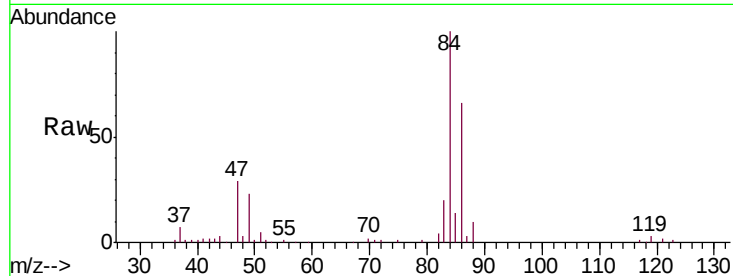




#25
Chloroform
Concen: 1.323 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
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Tgt Ion: 83 Resp: 13112
Ion Ratio Lower Upper
83 100
85 81.9 46.2 85.8



#27
1,2-Dichloroethane
Concen: 0.523 ug/L
RT: 5.10 min Scan# 1247
Delta R.T. -0.08 min
Lab File: VV011103.D
Acq: 29 May 2019 13:26

Tgt Ion: 62 Resp: 3378
Ion Ratio Lower Upper
62 100
98 7.8 7.4 11.0

