

Data File : VV010813.D
Acq On : 10 May 2019 14:13
Operator : SY/MD
Sample : K2693-04
Misc : 6.09G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHD1

Quant Time: May 10 23:03:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 22:59:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	84148	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	82100	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	29214	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23840	18.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.96%
7) Chloroethane-d5	1.57	69	23793	22.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.48%
10) 1,1-Dichloroethene-d2	2.13	63	42113	14.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.40%
20) 2-Butanone-d5	3.93	46	14707	37.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.98%
24) Chloroform-d	4.40	84	50882	22.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.72%
26) 1,2-Dichloroethane-d4	5.08	65	32655	22.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.16%
29) Benzene-d6	5.10	84	94741	21.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.68%
33) 1,2-Dichloropropane-d6	6.12	67	32061	23.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.12%
37) Toluene-d8	7.36	98	83542	20.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.76%
38) trans-1,3-Dichloropropene-	7.66	79	11440	18.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.88%
39) 2-Hexanone-d5	8.13	63	10148	35.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.44%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	25648	19.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	25645	22.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.68%

Target Compounds

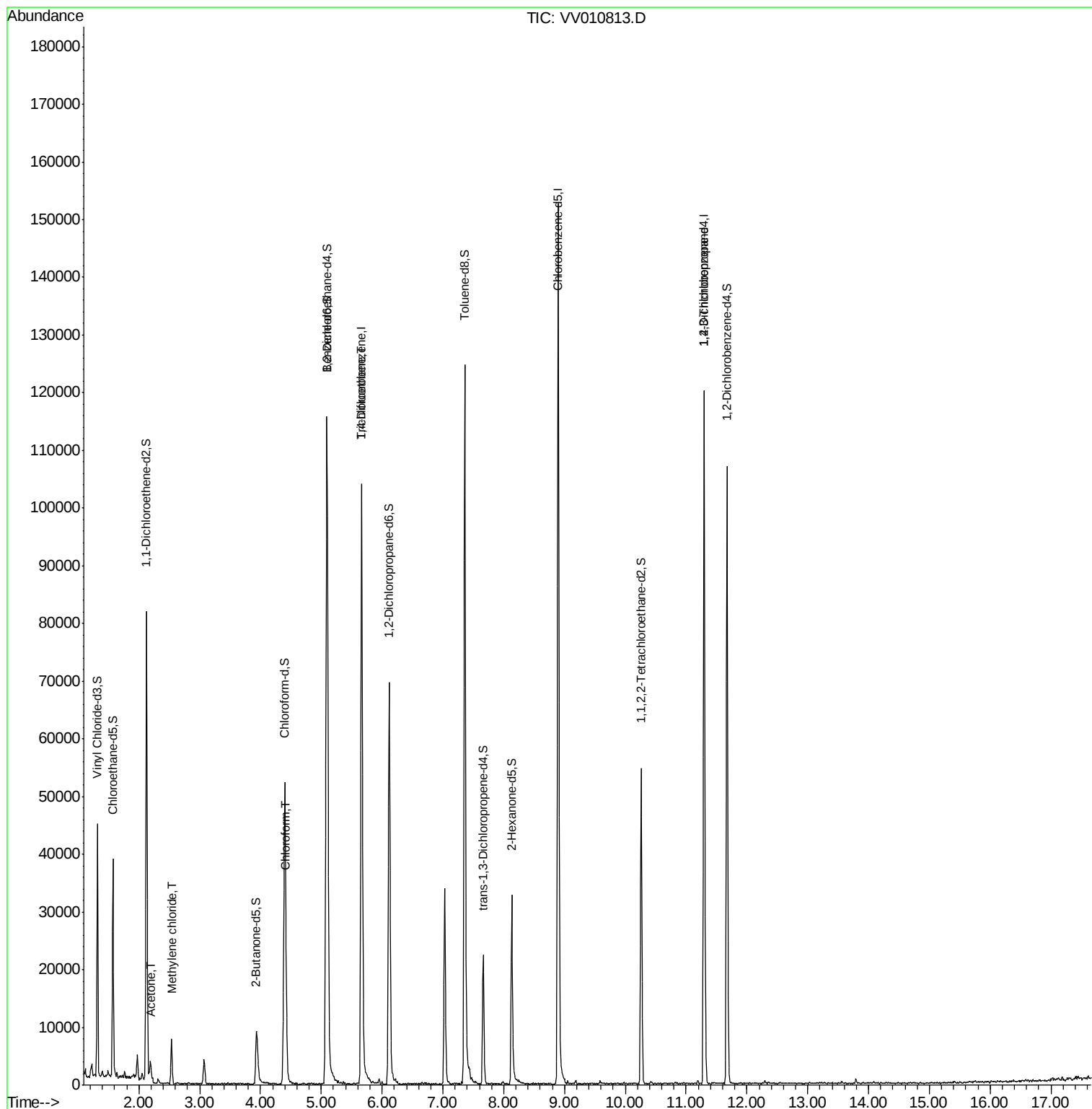
					Qvalue
13) Acetone	2.19	43	2225	3.664 ug/L	92
16) Methylene chloride	2.54	84	2685	2.064 ug/L	78
25) Chloroform	4.43	83	2127	0.835 ug/L #	35
35) Trichloroethene	5.66	95	1396	1.034 ug/L #	7
59) 1,2,3-Trichloropropane	11.30	75	4332	4.022 ug/L #	88

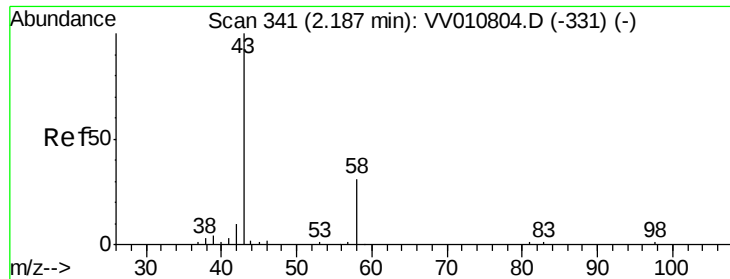
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.664 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Acq: 10 May 2019 14:13

Instrument :

MSVOA_V

ClientSampleId :

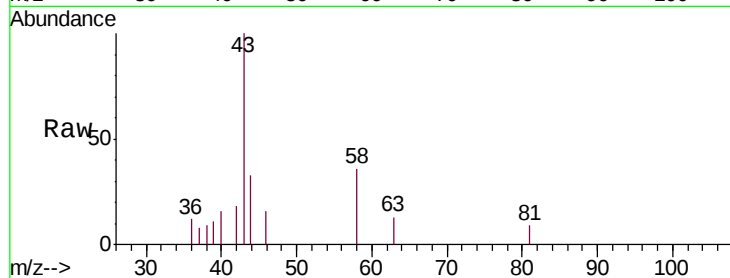
BFHD1

Tgt Ion: 43 Resp: 2225

Ion Ratio Lower Upper

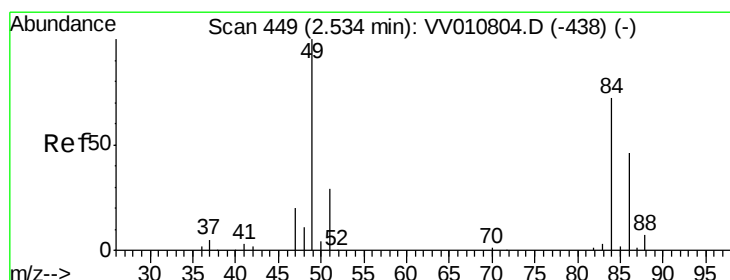
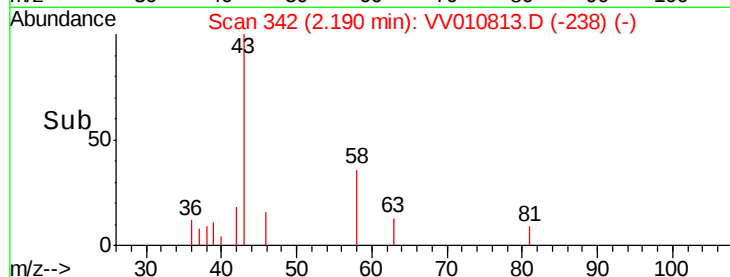
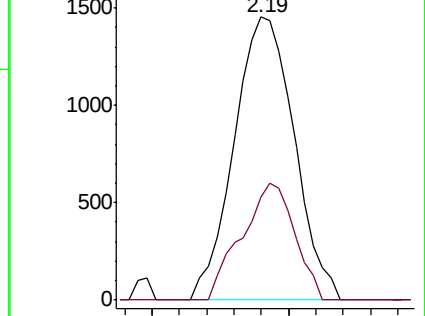
43 100

58 36.3 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 2.064 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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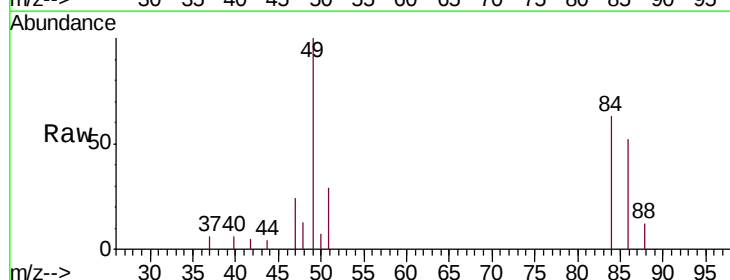
Tgt Ion: 84 Resp: 2685

Ion Ratio Lower Upper

84 100

49 159.8 92.9 172.5

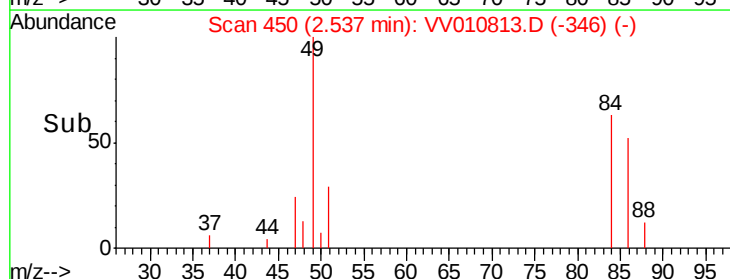
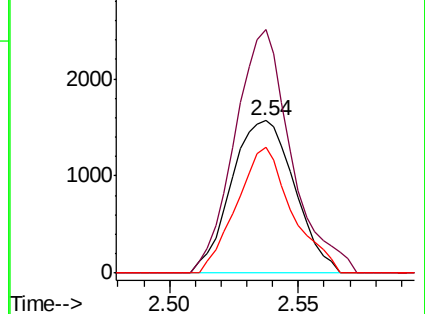
86 82.6 46.5 86.5

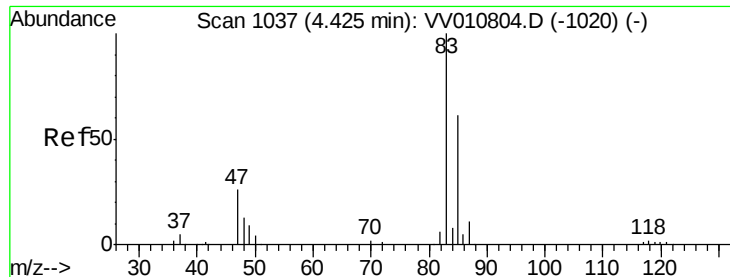


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0





#25

Chloroform

Concen: 0.835 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampled :

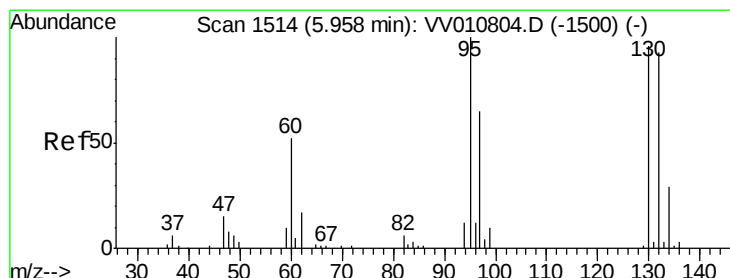
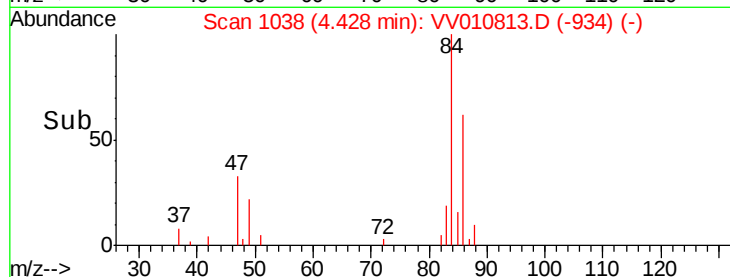
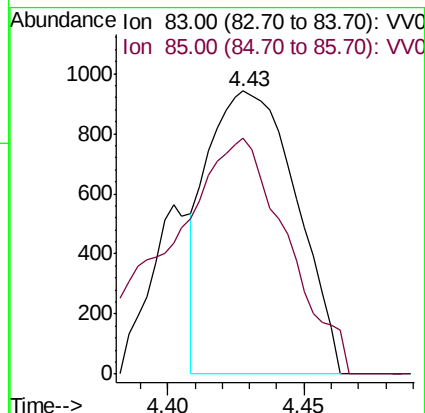
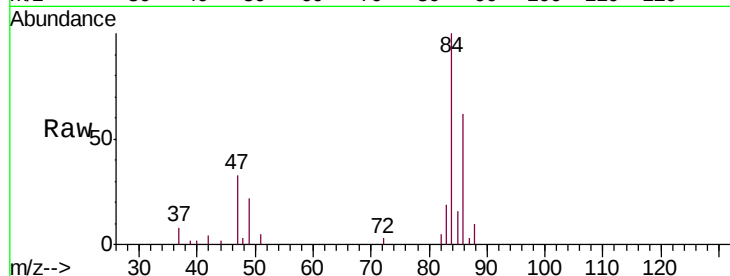
BFHD1

Tgt Ion: 83 Resp: 2127

Ion Ratio Lower Upper

83 100

85 114.2 44.6 82.8#



#35

Trichloroethene

Concen: 1.034 ug/L

RT: 5.66 min Scan# 1421

Delta R.T. -0.30 min

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Acq: 10 May 2019 14:13

Tgt Ion: 95 Resp: 1396

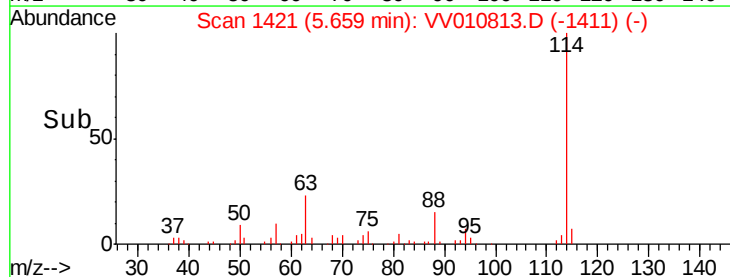
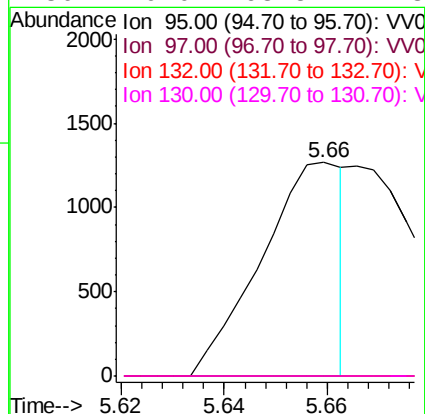
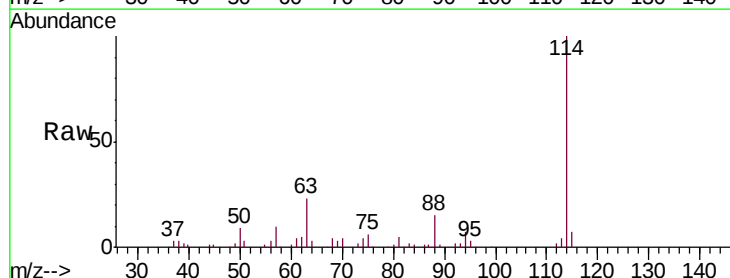
Ion Ratio Lower Upper

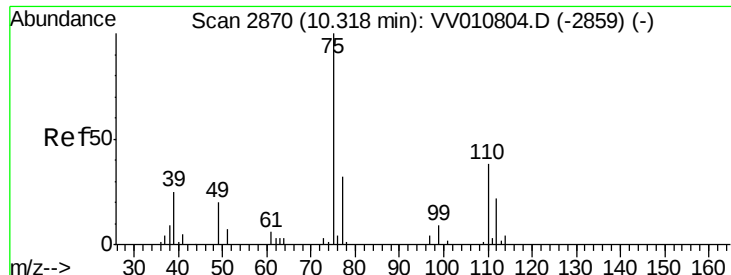
95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#





#59

1,2,3-Trichloropropane

Concen: 4.022 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

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Acq: 10 May 2019 14:13

Instrument :

MSVOA_V

ClientSampleId :

BFHD1

Tgt Ion: 75 Resp: 4332

Ion Ratio Lower Upper

75 100

77 37.9 25.0 37.6#

