

Data File : VV010810.D
Acq On : 10 May 2019 12:50
Operator : SY/MD
Sample : K2693-01
Misc : 5.16G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFH41

Quant Time: May 10 23:02:55 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	81795	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	78539	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31203	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23259	18.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.20%
7) Chloroethane-d5	1.58	69	22700	21.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.84%
10) 1,1-Dichloroethene-d2	2.13	63	40126	14.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.24%
20) 2-Butanone-d5	3.93	46	11848	31.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.14%
24) Chloroform-d	4.40	84	45961	20.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.44%
26) 1,2-Dichloroethane-d4	5.08	65	30029	21.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.24%
29) Benzene-d6	5.10	84	91006	22.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.04%
33) 1,2-Dichloropropane-d6	6.12	67	29438	22.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.40%
37) Toluene-d8	7.36	98	77834	19.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.64%
38) trans-1,3-Dichloropropene-	7.66	79	10575	17.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.44%
39) 2-Hexanone-d5	8.13	63	8049	29.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.40%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	21511	17.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.52%
61) 1,2-Dichlorobenzene-d4	11.67	152	25975	21.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.96%

Target Compounds

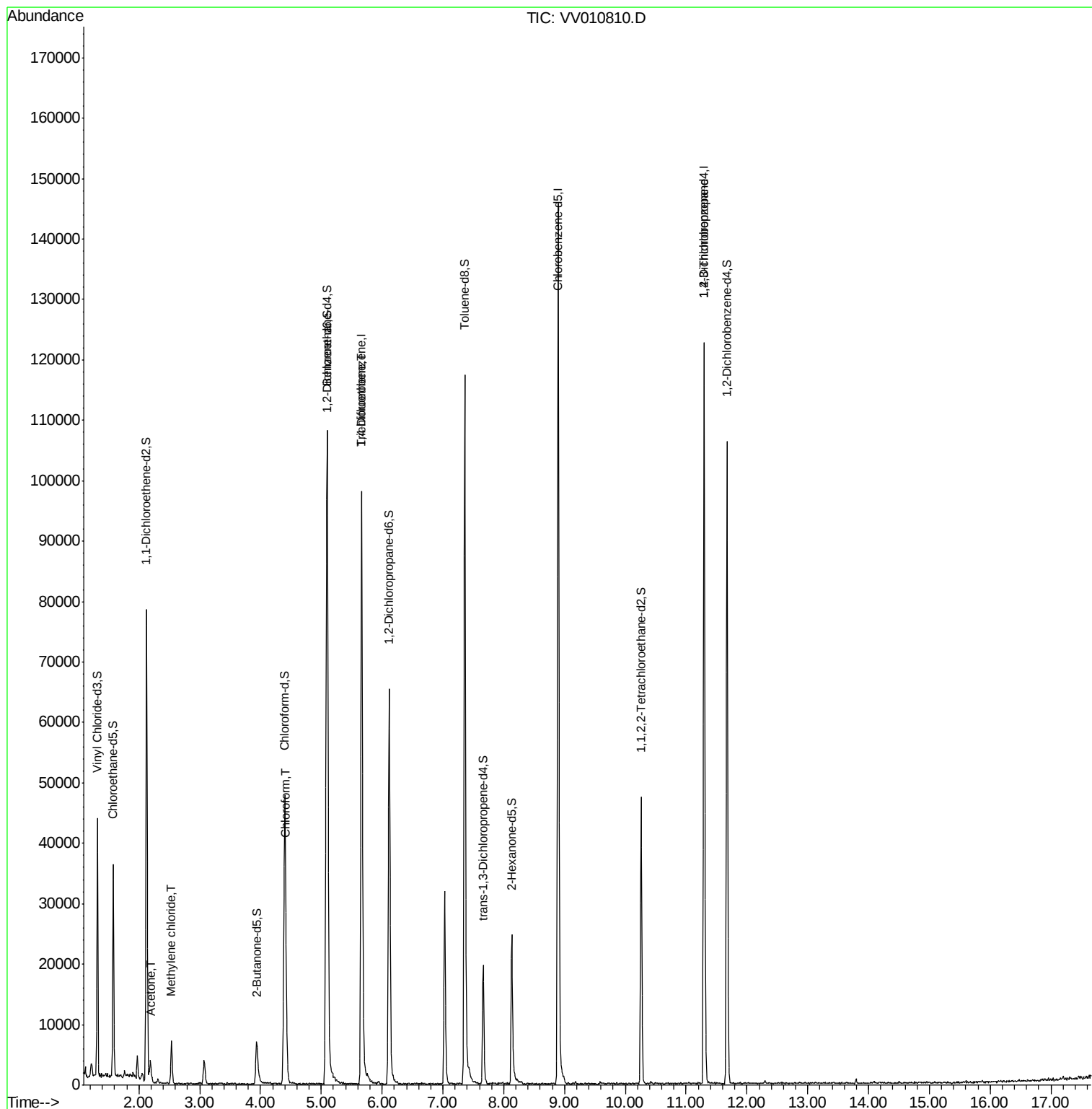
					Qvalue
13) Acetone	2.19	43	2137	3.620 ug/L	97
16) Methylene chloride	2.53	84	2796	2.211 ug/L	99
25) Chloroform	4.42	83	3275	1.323 ug/L	96
35) Trichloroethene	5.67	95	2586	2.002 ug/L #	7
59) 1,2,3-Trichloropropane	11.30	75	4006	3.888 ug/L #	85

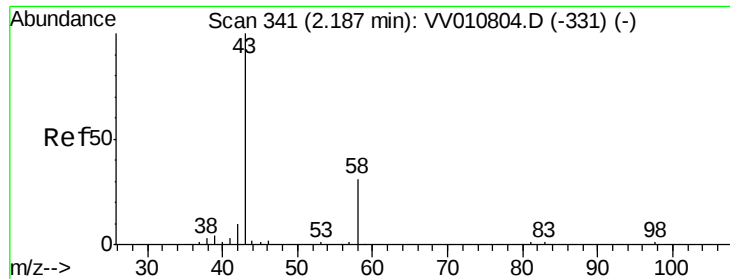
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.620 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampled :

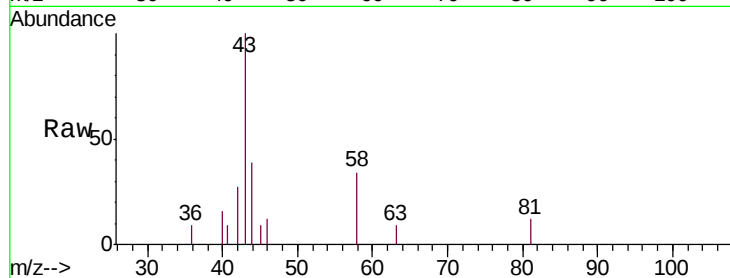
BFH41

Tgt Ion: 43 Resp: 2137

Ion Ratio Lower Upper

43 100

58 30.2 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010810.D (-238) (-)

Ion 58.00 (57.70 to 58.70): VV010810.D (-238) (-)

2.19

1500

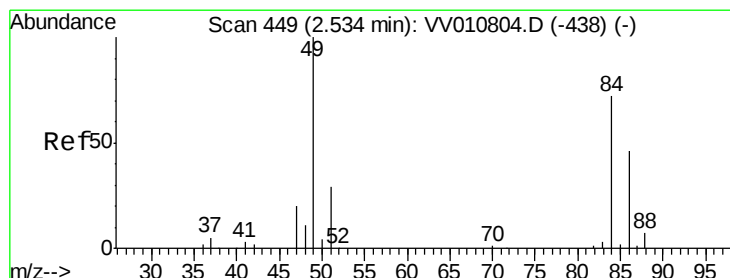
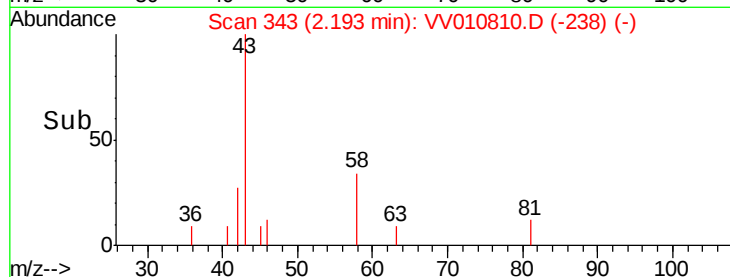
1000

500

0

2.14 2.16 2.18 2.20 2.22

Time-->



#16

Methylene chloride

Concen: 2.211 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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Acq: 10 May 2019 12:50

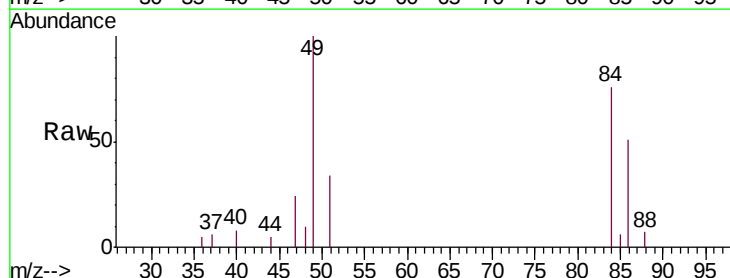
Tgt Ion: 84 Resp: 2796

Ion Ratio Lower Upper

84 100

49 131.1 92.9 172.5

86 66.6 46.5 86.5



Abundance Ion 84.00 (83.70 to 84.70): VV010810.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV010810.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV010810.D (-346) (-)

2.53

3000

2500

2000

1500

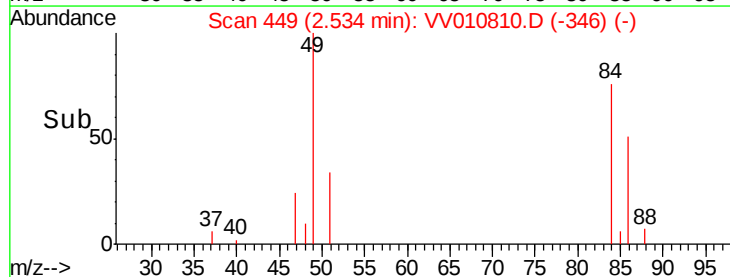
1000

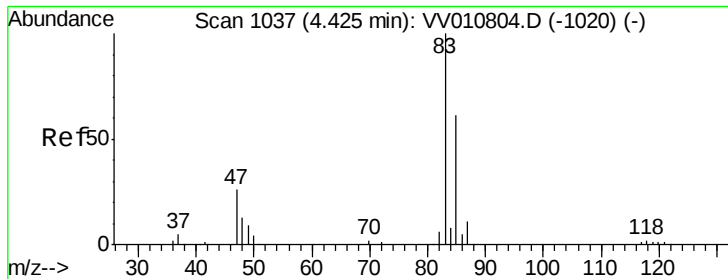
500

0

2.50 2.55

Time-->





#25

Chloroform

Concen: 1.323 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampled :

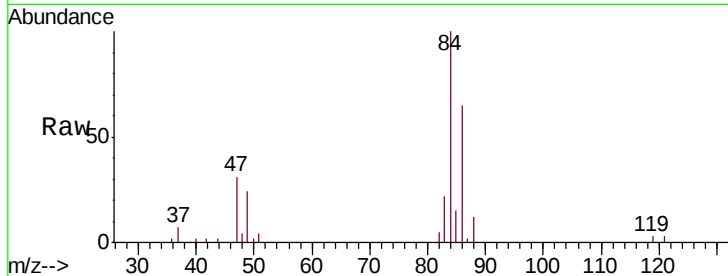
BFH41

Tgt Ion: 83 Resp: 3275

Ion Ratio Lower Upper

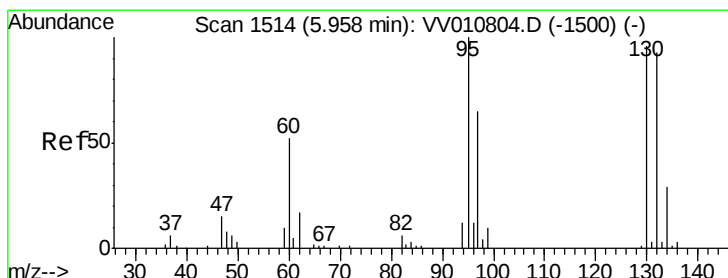
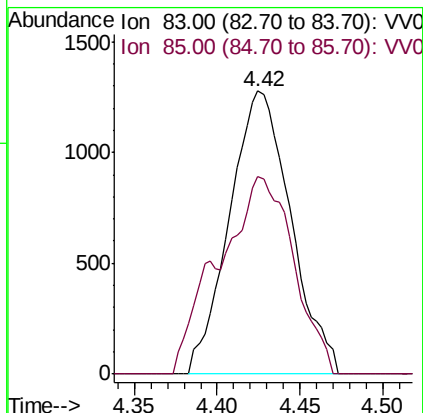
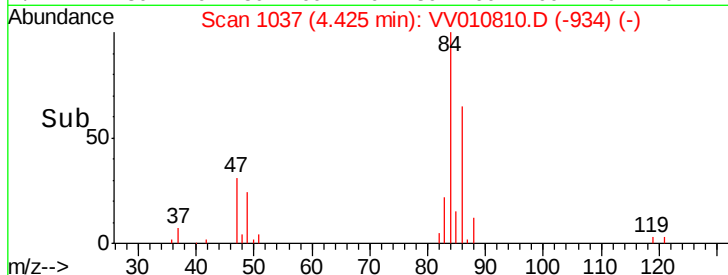
83 100

85 66.6 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV010810.D (-934) (-)

Ion 85.00 (84.70 to 85.70): VV010810.D (-934) (-)



#35

Trichloroethene

Concen: 2.002 ug/L

RT: 5.67 min Scan# 1423

Delta R.T. -0.29 min

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Acq: 10 May 2019 12:50

Tgt Ion: 95 Resp: 2586

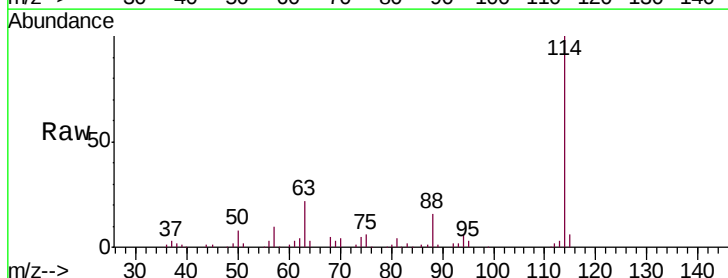
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#

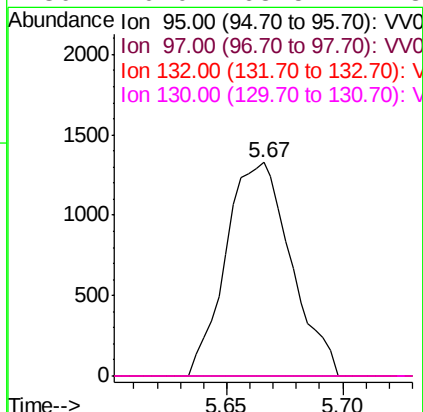
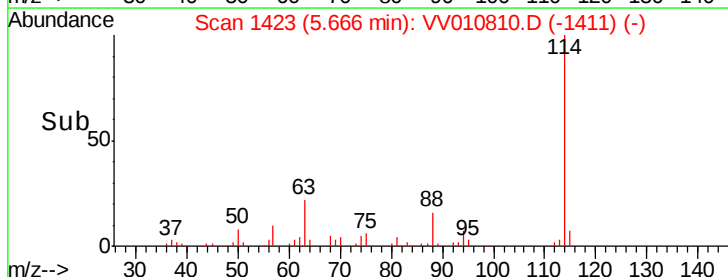


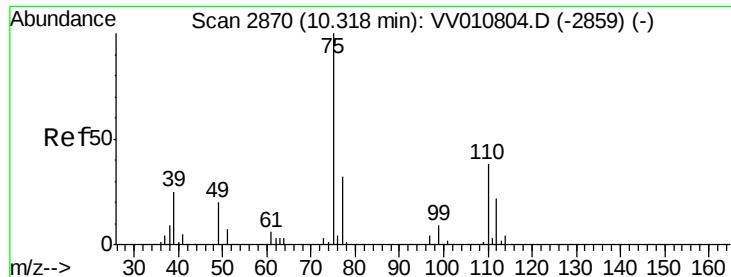
Abundance Ion 95.00 (94.70 to 95.70): VV010810.D (-1411) (-)

Ion 97.00 (96.70 to 97.70): VV010810.D (-1411) (-)

Ion 132.00 (131.70 to 132.70): VV010810.D (-1411) (-)

Ion 130.00 (129.70 to 130.70): VV010810.D (-1411) (-)





#59

1,2,3-Trichloropropane

Concen: 3.888 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010810.D

Acq: 10 May 2019 12:50

Instrument :

MSVOA_V

ClientSampleId :

BFH41

Tgt Ion: 75 Resp: 4006

Ion Ratio Lower Upper

75 100

77 39.3 25.0 37.6#

