

Data File : VV010773.D
Acq On : 09 May 2019 18:03
Operator : SY/MD
Sample : K2693-18
Misc : 5.71G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHF3

Quant Time: May 10 05:47:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 05:43:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	83450	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	80468	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31115	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23730	18.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.20%
7) Chloroethane-d5	1.58	69	23091	21.64	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.56%
10) 1,1-Dichloroethene-d2	2.13	63	41370	14.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.84%
20) 2-Butanone-d5	3.94	46	13337	34.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.56%
24) Chloroform-d	4.40	84	49818	21.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.08	65	30936	21.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.08%
29) Benzene-d6	5.10	84	95373	22.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.08%
33) 1,2-Dichloropropane-d6	6.12	67	31066	23.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.08%
37) Toluene-d8	7.36	98	86533	21.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.32%
38) trans-1,3-Dichloropropene-	7.66	79	11740	19.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.32%
39) 2-Hexanone-d5	8.13	63	9230	32.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.36%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	23388	18.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.76%
61) 1,2-Dichlorobenzene-d4	11.67	152	29299	24.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.24%

Target Compounds

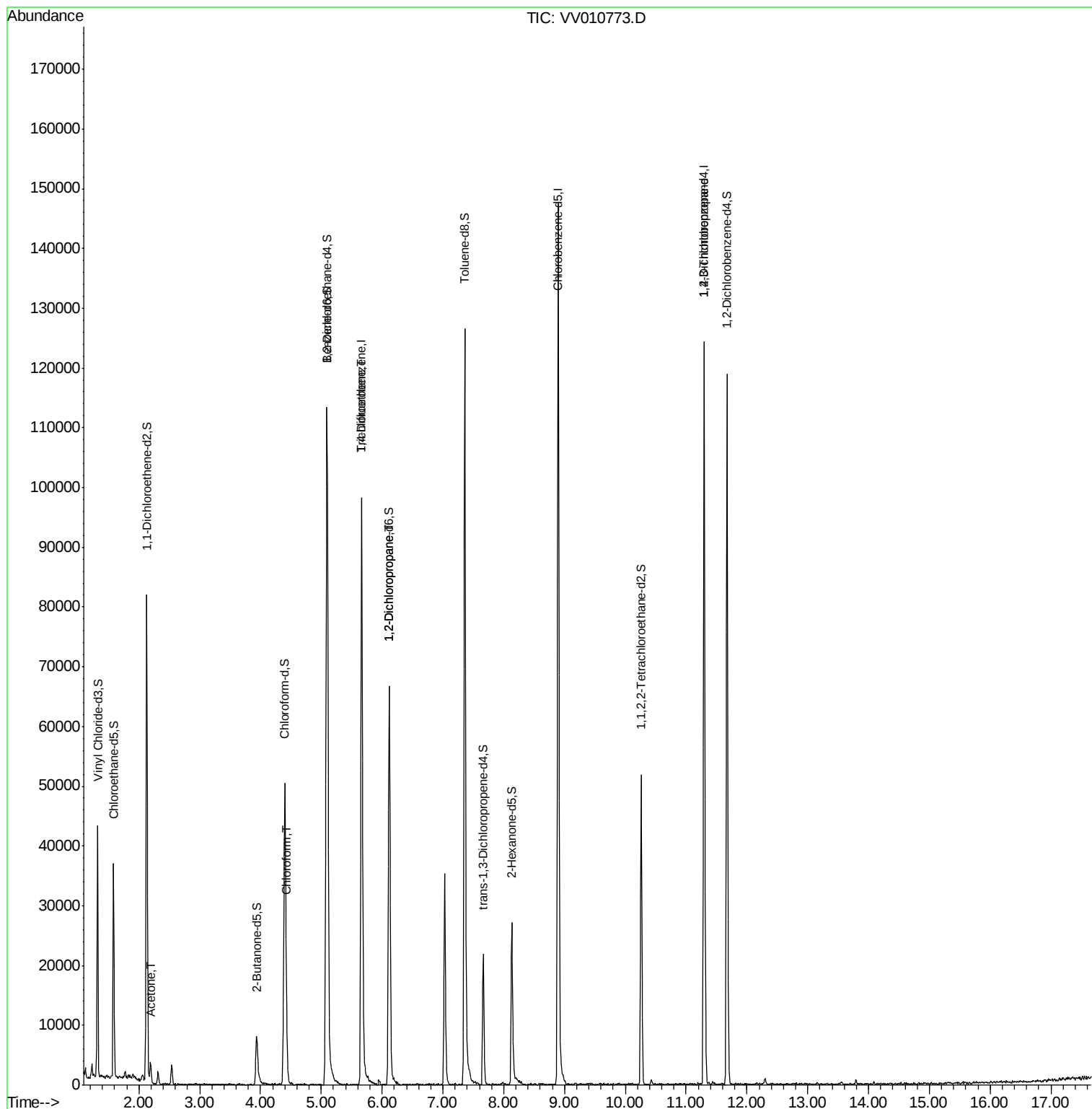
					Qvalue
13) Acetone	2.19	43	2234	3.709 ug/L	96
25) Chloroform	4.43	83	2302	0.911 ug/L #	46
35) Trichloroethene	5.66	95	2664	2.013 ug/L #	7
40) 1,2-Dichloropropane	6.12	63	3695	2.940 ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	4180	3.960 ug/L #	77

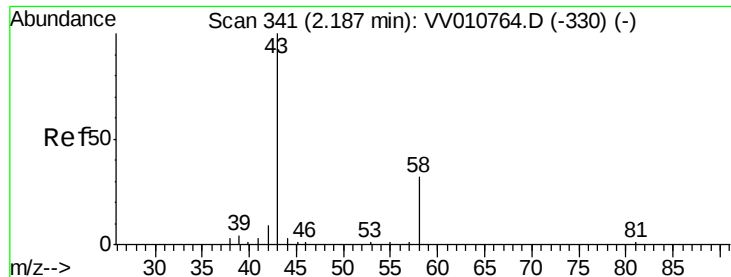
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.709 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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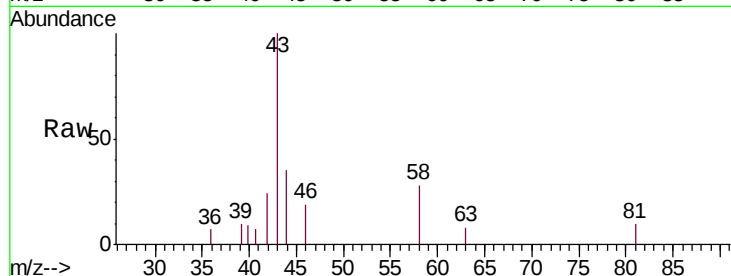
Instrument :
MSVOA_V
ClientSampleId :
BFHF3

Tgt Ion: 43 Resp: 2234

Ion Ratio Lower Upper

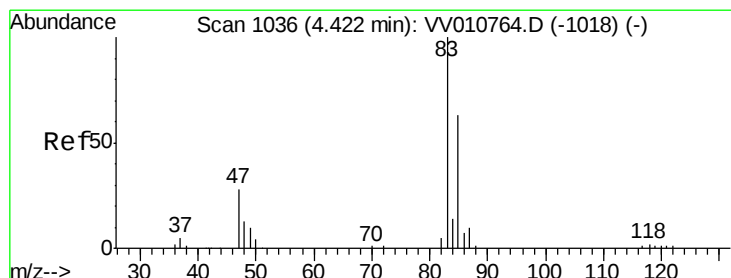
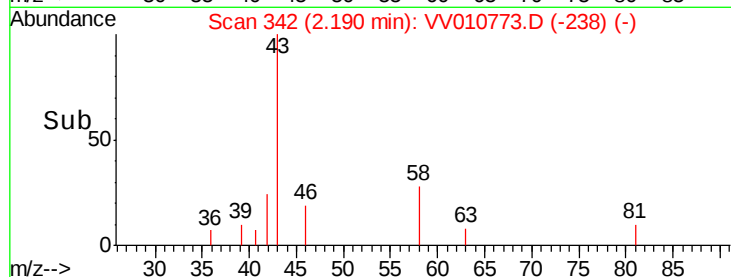
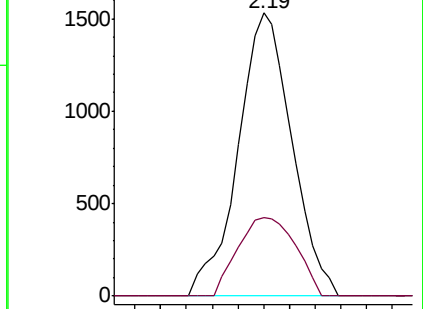
43 100

58 29.7 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010764.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV010764.D (-330) (-)



#25

Chloroform

Concen: 0.911 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.01 min

Lab File: VV010773.D

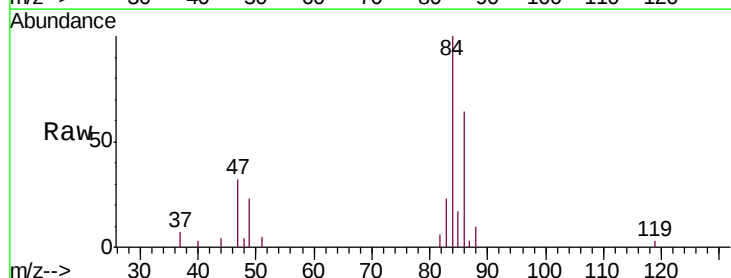
Acq: 09 May 2019 18:03

Tgt Ion: 83 Resp: 2302

Ion Ratio Lower Upper

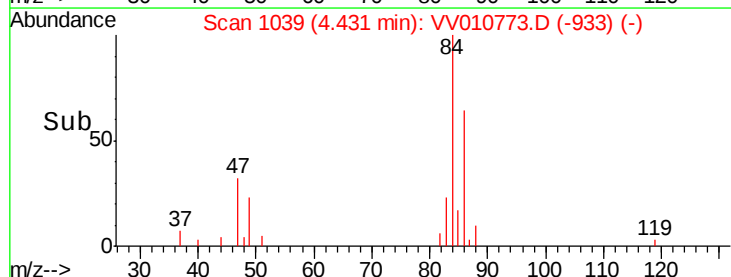
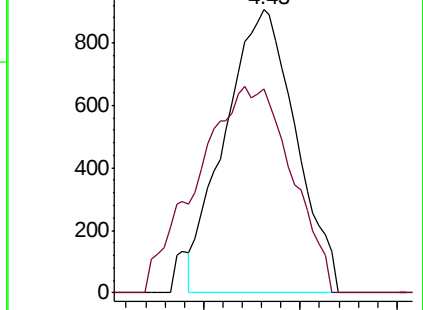
83 100

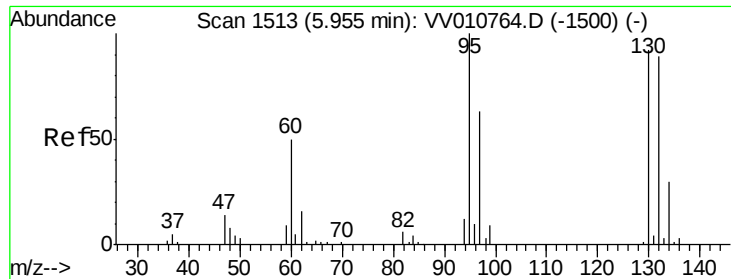
85 21.8 44.6 82.8#



Abundance Ion 83.00 (82.70 to 83.70): VV010764.D (-1018) (-)

Ion 85.00 (84.70 to 85.70): VV010764.D (-1018) (-)





#35

Trichloroethene

Concen: 2.013 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.29 min

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Instrument :

MSVOA_V

ClientSampleId :

BFHF3

Tgt Ion: 95 Resp: 2664

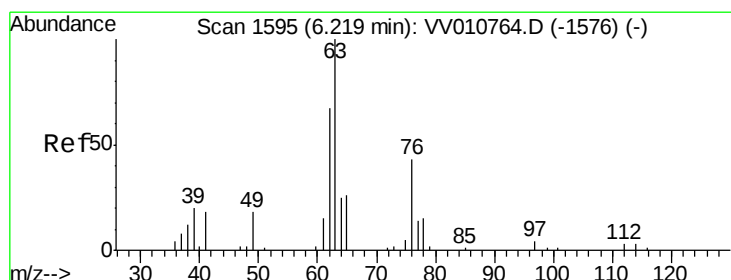
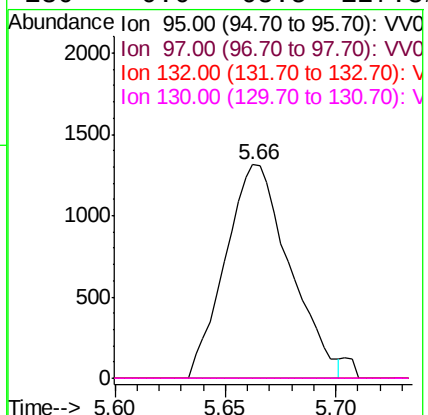
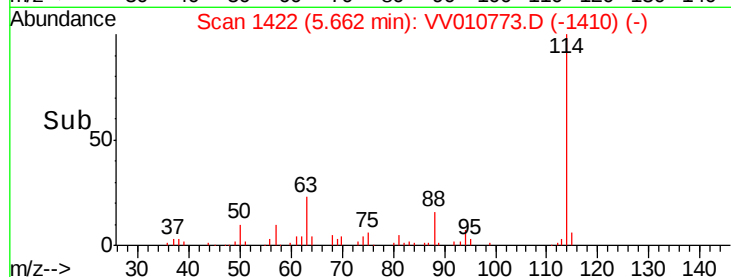
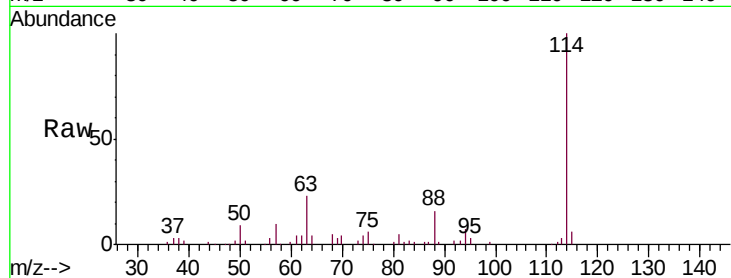
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#



#40

1,2-Dichloropropane

Concen: 2.940 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV010773.D

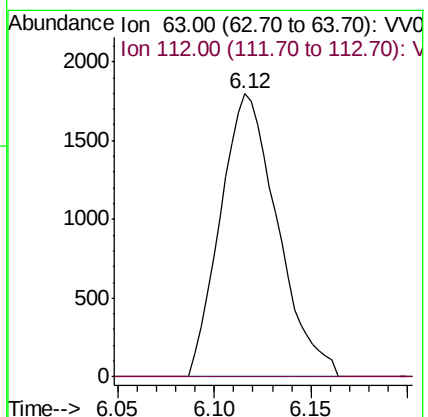
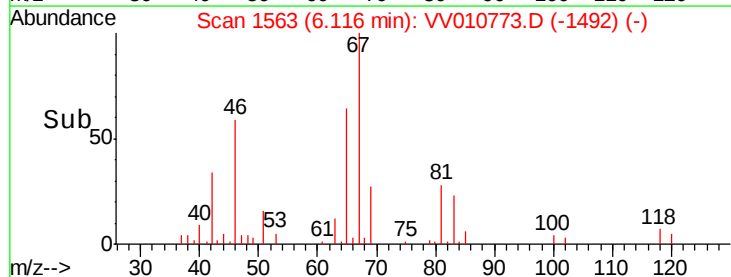
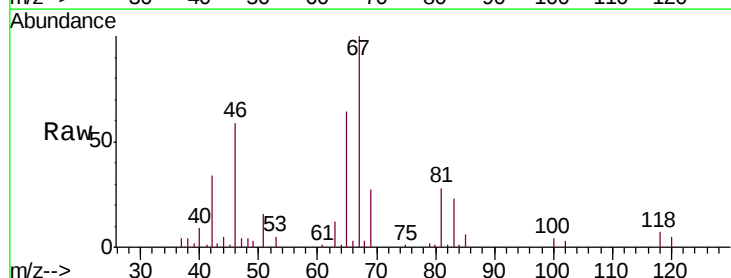
Acq: 09 May 2019 18:03

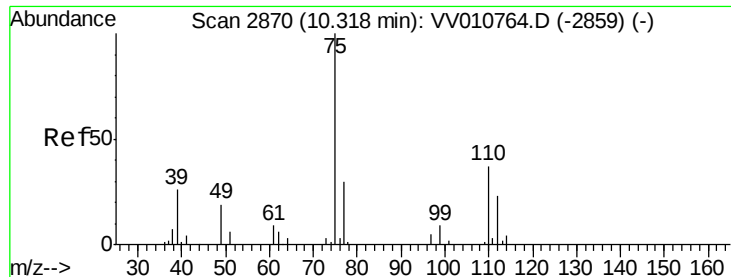
Tgt Ion: 63 Resp: 3695

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#59

1,2,3-Trichloropropane

Concen: 3.960 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010773.D

Acq: 09 May 2019 18:03

Instrument :

MSVOA_V

ClientSampleId :

BFHF3

Tgt Ion: 75 Resp: 4180

Ion Ratio Lower Upper

75 100

77 43.8 25.0 37.6#

