

Data File : VV010775.D
Acq On : 09 May 2019 18:58
Operator : SY/MD
Sample : K2693-20
Misc : 5.71G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHF5

Quant Time: May 10 05:47:22 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	78489	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	73374	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	28958	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22794	18.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.76%
7) Chloroethane-d5	1.57	69	21043	20.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.88%
10) 1,1-Dichloroethene-d2	2.12	63	38653	14.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.44%
20) 2-Butanone-d5	3.93	46	14939	40.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.66%
24) Chloroform-d	4.40	84	46254	21.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.48%
26) 1,2-Dichloroethane-d4	5.08	65	30037	22.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.92%
29) Benzene-d6	5.10	84	89591	23.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.80%
33) 1,2-Dichloropropane-d6	6.12	67	29471	23.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.80%
37) Toluene-d8	7.36	98	78683	21.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.08%
38) trans-1,3-Dichloropropene-	7.66	79	10891	19.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.64%
39) 2-Hexanone-d5	8.13	63	10278	39.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.82%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	25171	21.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.04%
61) 1,2-Dichlorobenzene-d4	11.67	152	25249	22.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.04%

Target Compounds

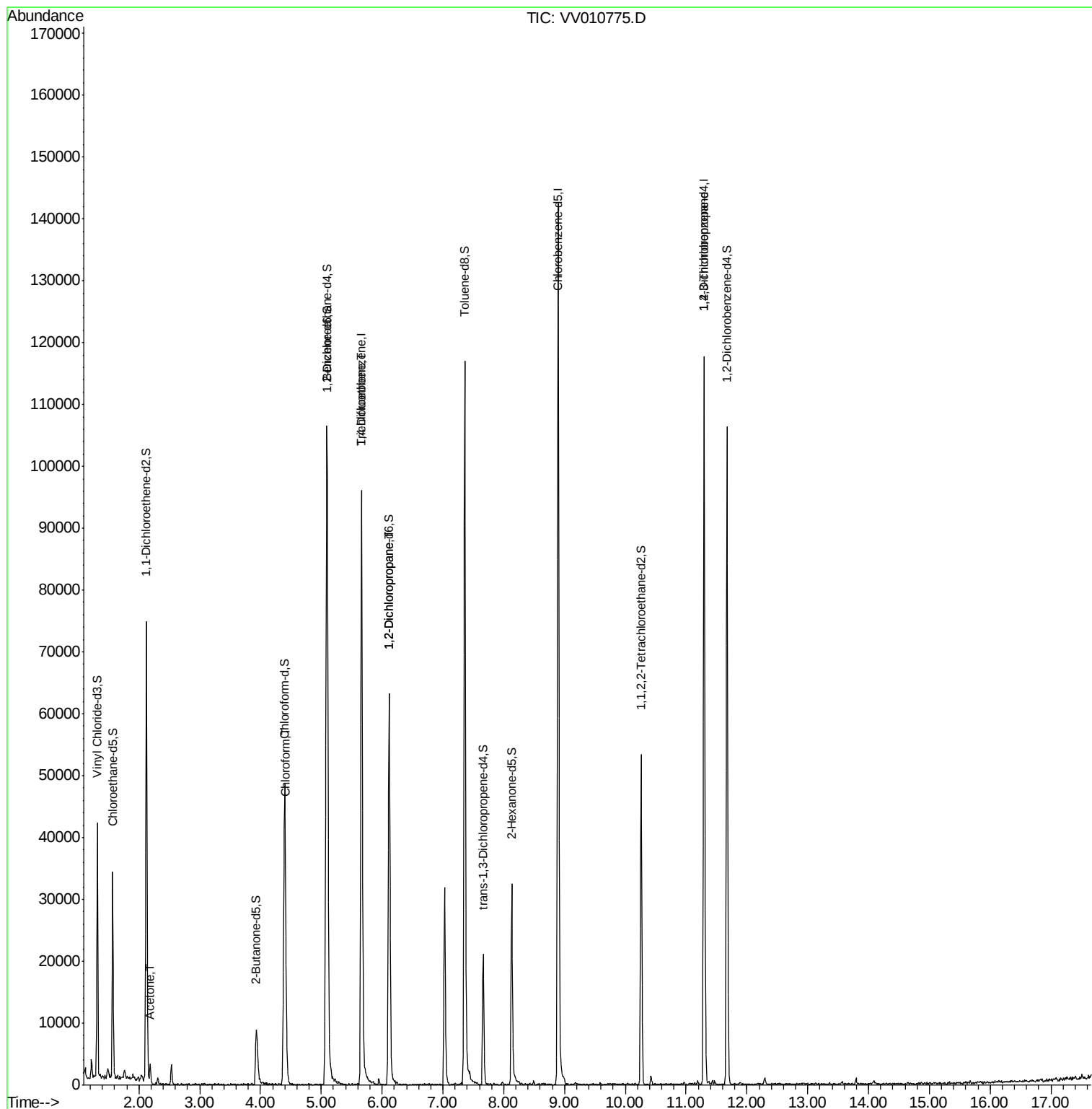
					Qvalue
13) Acetone	2.19	43	1476	2.606 ug/L	95
25) Chloroform	4.42	83	2358	0.993 ug/L #	75
35) Trichloroethene	5.66	95	2414	2.001 ug/L #	7
40) 1,2-Dichloropropane	6.12	63	3548	3.096 ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	3790	3.938 ug/L #	79

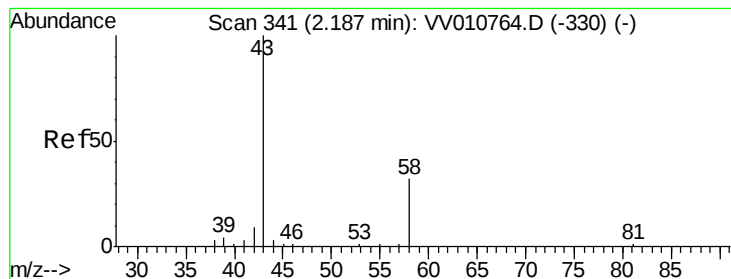
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.606 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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Acq: 09 May 2019 18:58

Instrument :

MSVOA_V

ClientSampleId :

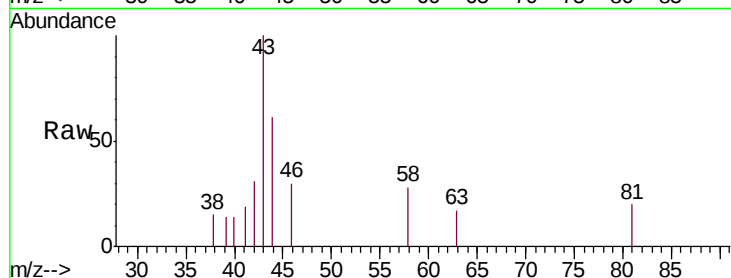
BFHF5

Tgt Ion: 43 Resp: 1476

Ion Ratio Lower Upper

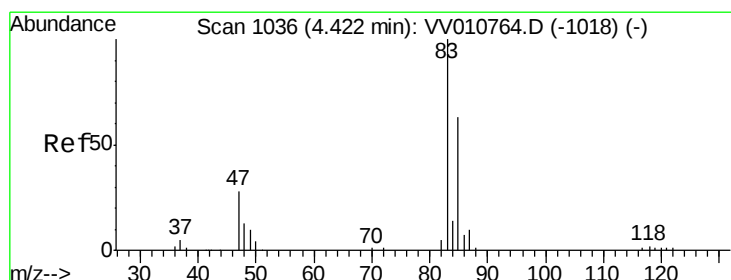
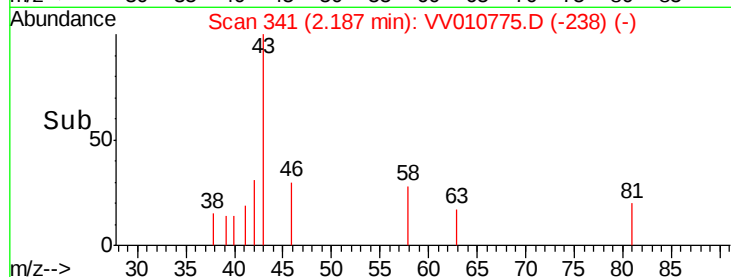
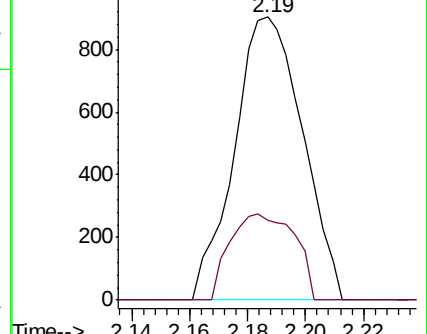
43 100

58 28.7 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: 0.993 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VV010775.D

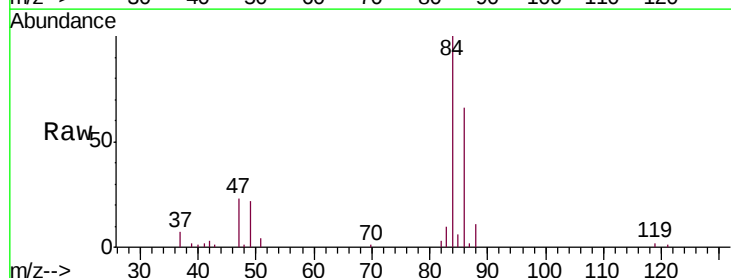
Acq: 09 May 2019 18:58

Tgt Ion: 83 Resp: 2358

Ion Ratio Lower Upper

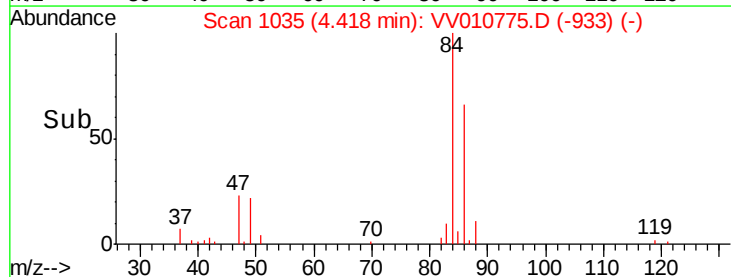
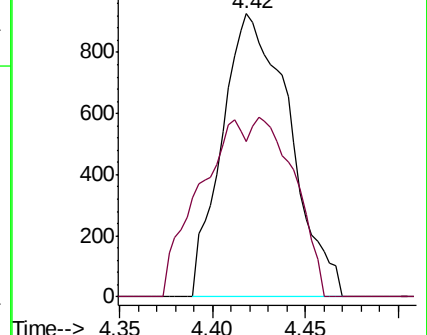
83 100

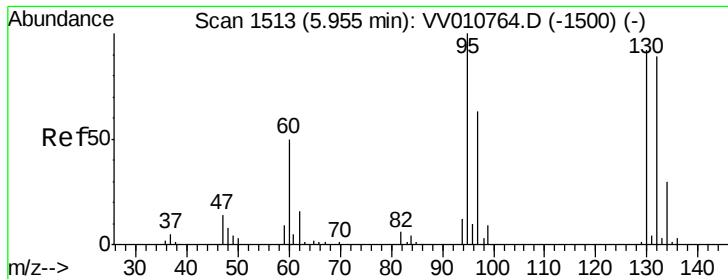
85 44.3 44.6 82.8#



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: 2.001 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.29 min

Lab File: VV010775.D

Acq: 09 May 2019 18:58

Instrument :

MSVOA_V

ClientSampleId :

BFHF5

Tgt Ion: 95 Resp: 2414

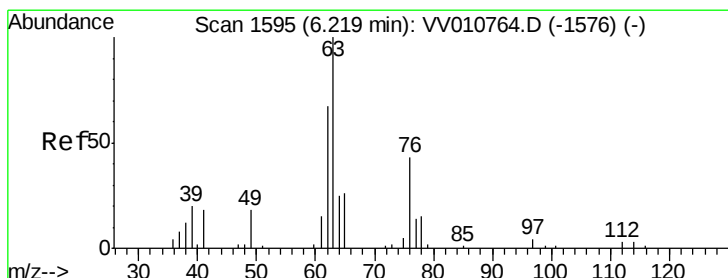
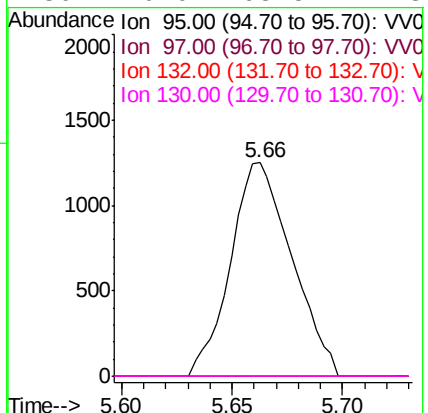
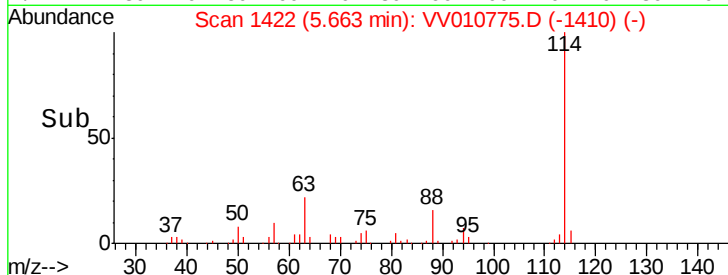
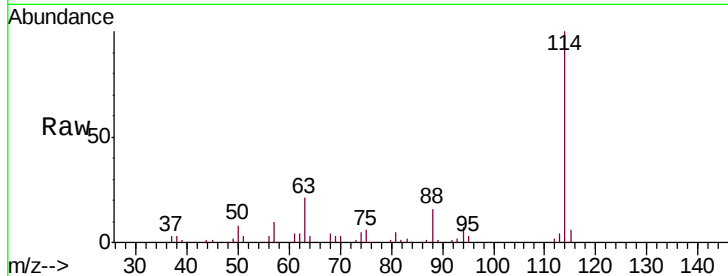
Ion Ratio Lower Upper

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: 3.096 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV010775.D

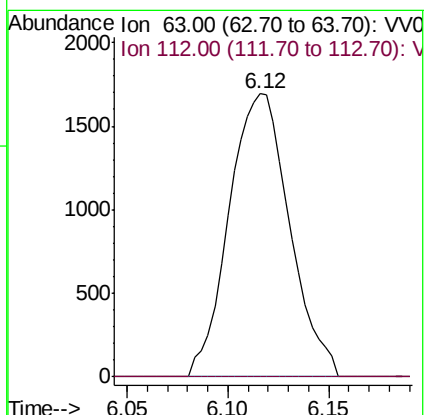
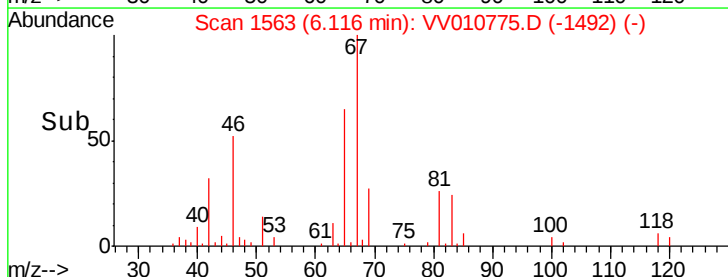
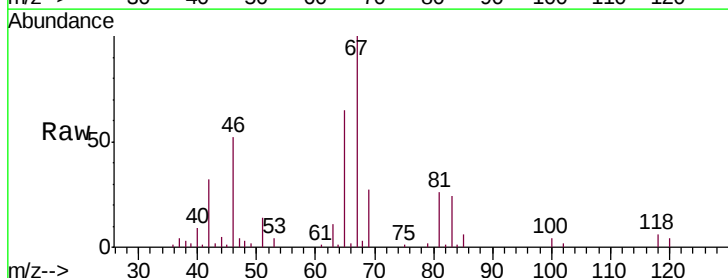
Acq: 09 May 2019 18:58

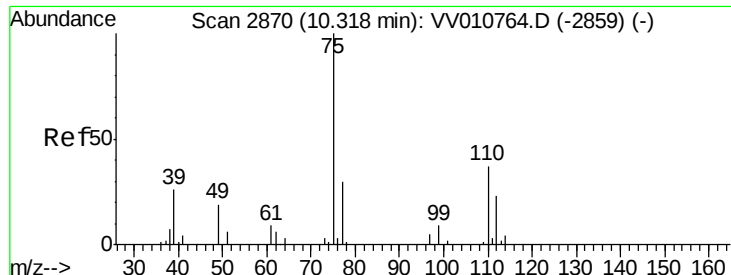
Tgt Ion: 63 Resp: 3548

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#59
 1,2,3-Trichloropropane
 Concen: 3.938 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010775.D
 Acq: 09 May 2019 18:58

Instrument :
 MSVOA_V
 ClientSampleId :
 BFHF5

Tgt Ion: 75 Resp: 3790
 Ion Ratio Lower Upper
 75 100
 77 43.2 25.0 37.6#

