

Data File : VV012781.D
Acq On : 14 Sep 2019 21:24
Operator : SY/MD
Sample : K4867-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COMH4

Quant Time: Sep 16 05:02:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 16 04:57:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	682815	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	624795	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	218779	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	152220	39.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.68%
7) Chloroethane-d5	1.58	69	158888	45.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.76%
11) 1,1-Dichloroethene-d2	2.13	63	252478	33.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.08%
21) 2-Butanone-d5	3.92	46	436794	108.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.84%
24) Chloroform-d	4.40	84	475613	49.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.08	65	304321	52.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.64%
32) Benzene-d6	5.10	84	879573	52.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.50%
36) 1,2-Dichloropropane-d6	6.12	67	318003	54.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.12%
41) Toluene-d8	7.36	98	725217	47.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.10%
43) trans-1,3-Dichloropropene-	7.66	79	119254	48.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.30%
47) 2-Hexanone-d5	8.13	63	220958	97.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.89%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	369135	49.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.08%
64) 1,2-Dichlorobenzene-d4	11.67	152	291560	58.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.78%

Target Compounds

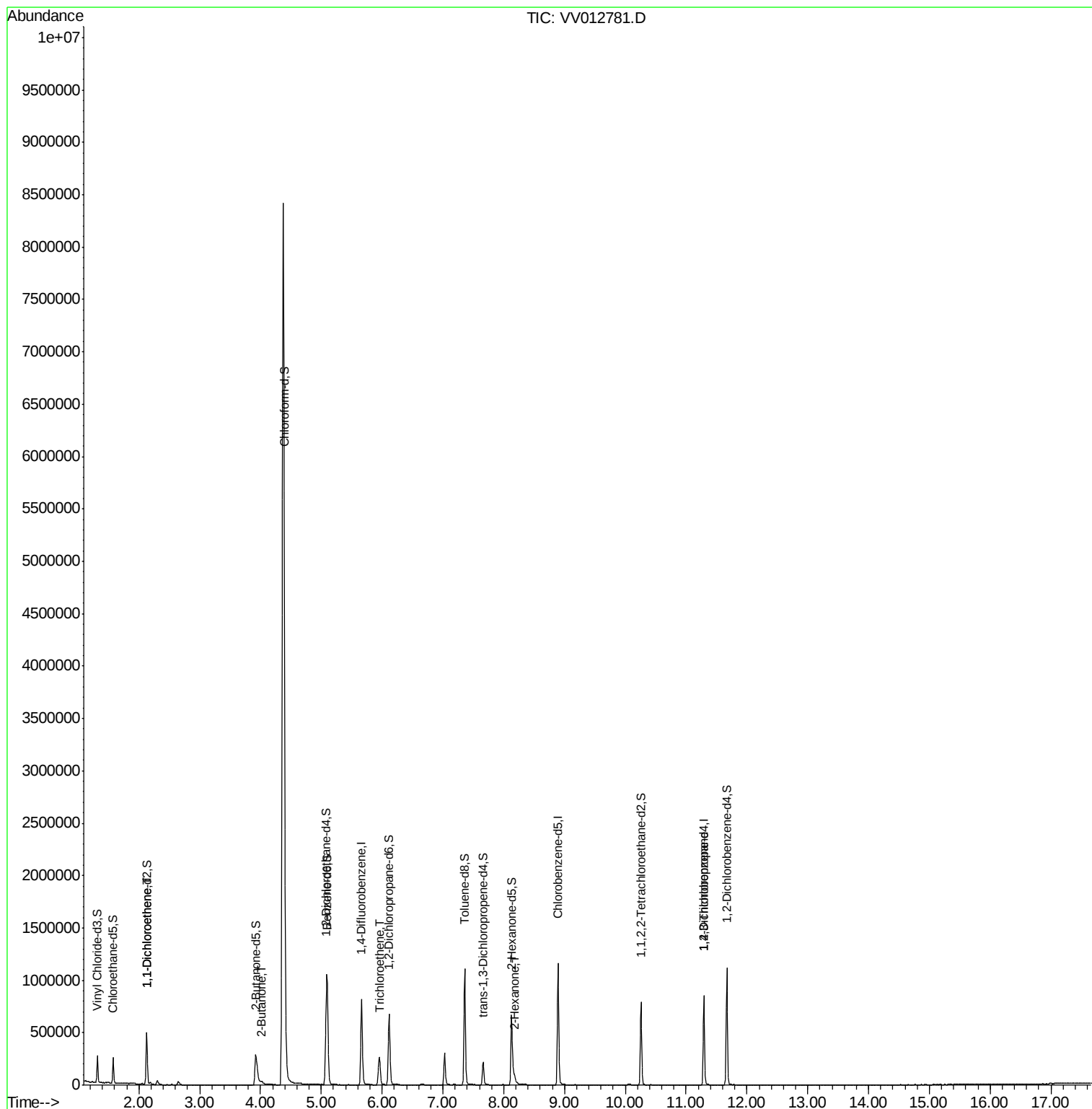
					Qvalue
12) 1,1-Dichloroethene	2.14	96	6243	1.735 ug/L #	1
22) 2-Butanone	4.02	43	41472	10.077 ug/L	96
34) Trichloroethene	5.96	95	65855	13.330 ug/L	97
48) 2-Hexanone	8.18	43	48241	8.790 ug/L #	87
59) 1,2,3-Trichloropropane	11.29	75	25145	4.042 ug/L	89

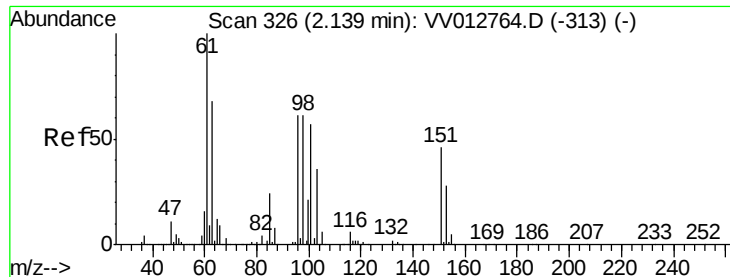
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.735 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

COMH4

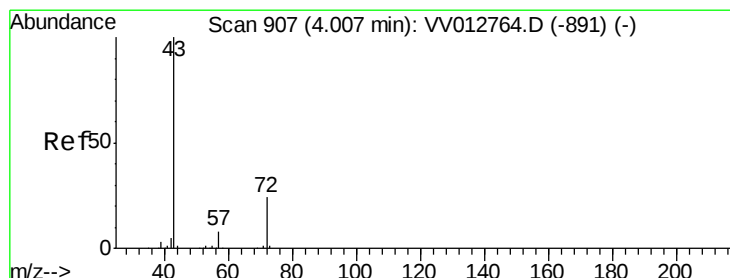
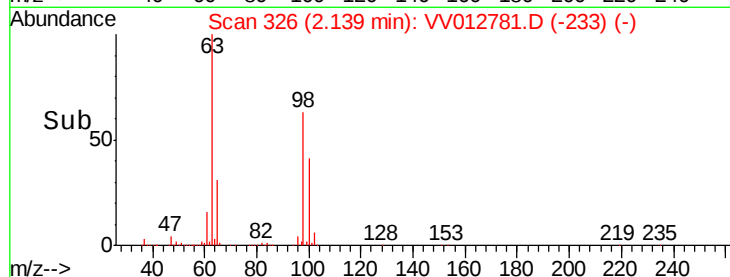
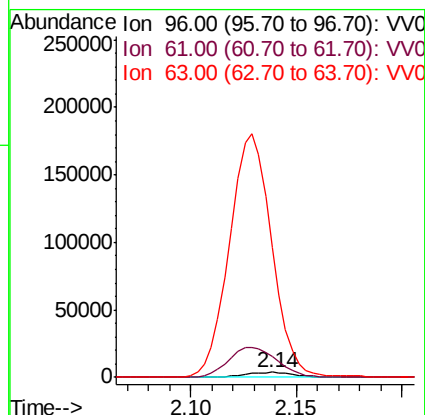
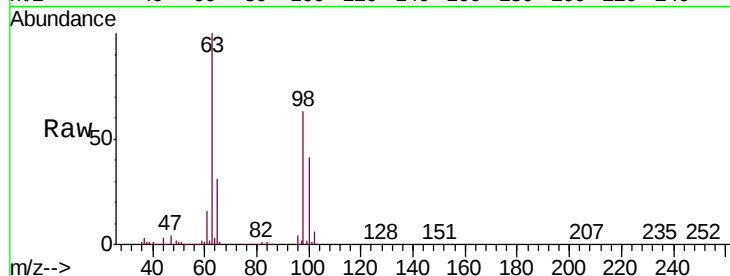
Tgt Ion: 96 Resp: 6243

Ion Ratio Lower Upper

96 100

61 410.9 118.0 219.2#

63 2575.3 89.2 165.6#



#22

2-Butanone

Concen: 10.077 ug/L

RT: 4.02 min Scan# 910

Delta R.T. 0.01 min

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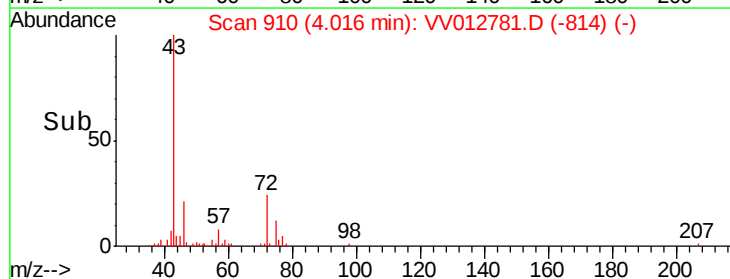
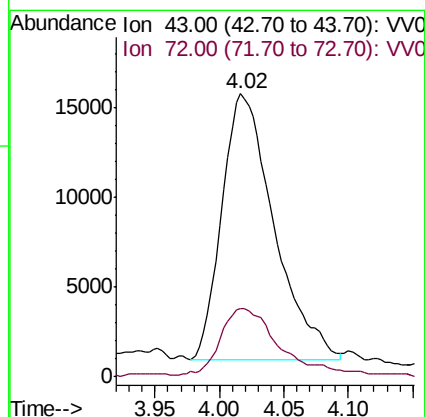
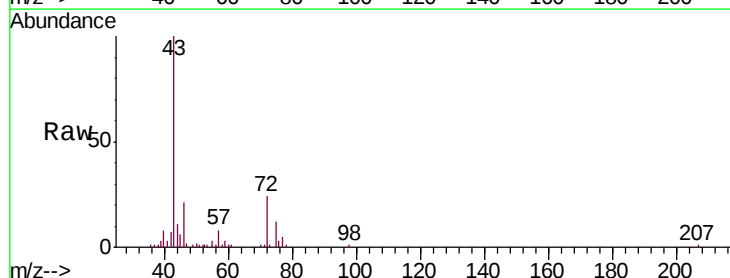
Acq: 14 Sep 2019 21:24

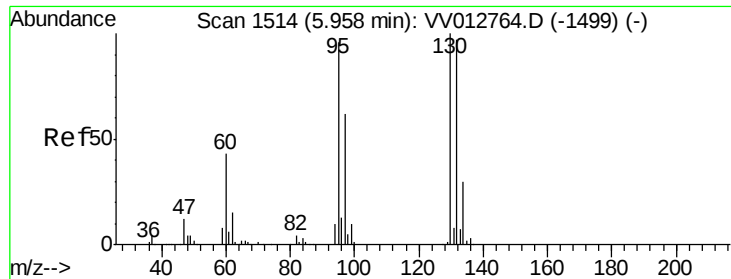
Tgt Ion: 43 Resp: 41472

Ion Ratio Lower Upper

43 100

72 24.4 13.2 39.6

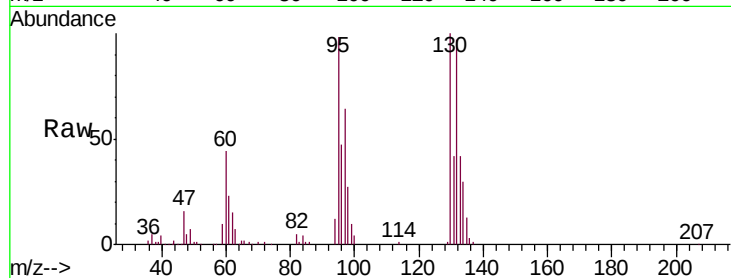




#34
 Trichloroethene
 Concen: 13.330 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV012781.D
 Acq: 14 Sep 2019 21:24

Instrument :
 MSVOA_V
 ClientSampled :
 COMH4

Tgt Ion:	95	Resp:	65855
Ion	Ratio	Lower	Upper
95	100		
97	65.9	45.1	83.9
132	98.9	70.6	131.0
130	102.2	74.6	138.6



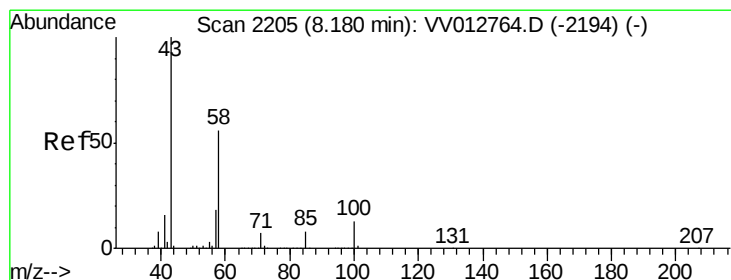
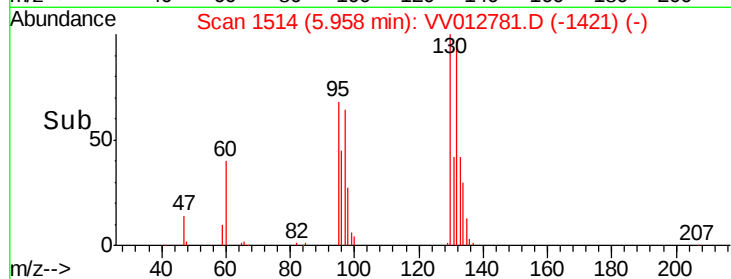
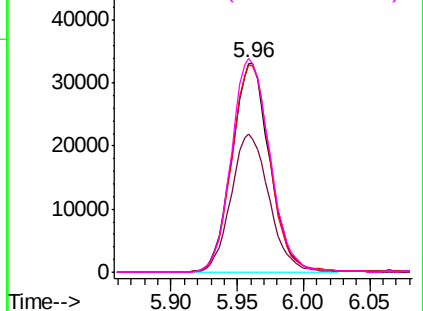
Abundance

Ion 95.00 (94.70 to 95.70): VV012764.D (-1499) (-)

Ion 97.00 (96.70 to 97.70): VV012764.D (-1499) (-)

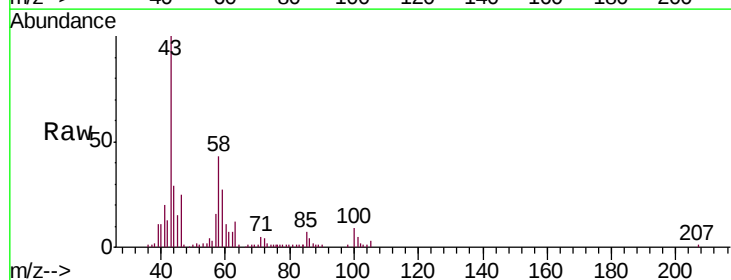
Ion 132.00 (131.70 to 132.70): VV012764.D (-1499) (-)

Ion 130.00 (129.70 to 130.70): VV012764.D (-1499) (-)



#48
 2-Hexanone
 Concen: 8.790 ug/L
 RT: 8.18 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: VV012781.D
 Acq: 14 Sep 2019 21:24

Tgt Ion:	43	Resp:	48241
Ion	Ratio	Lower	Upper
43	100		
58	44.8	43.8	65.8
57	12.4	14.3	21.5#
100	8.7	9.8	14.8#



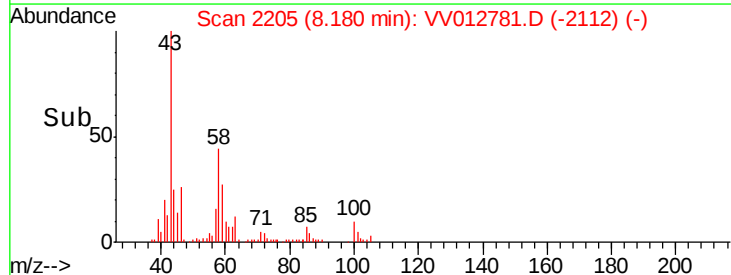
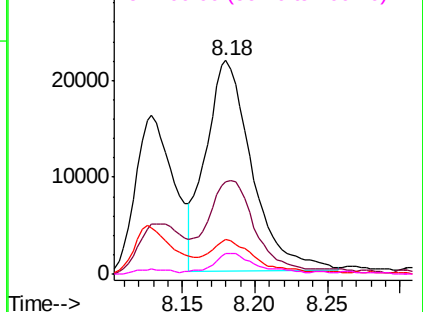
Abundance

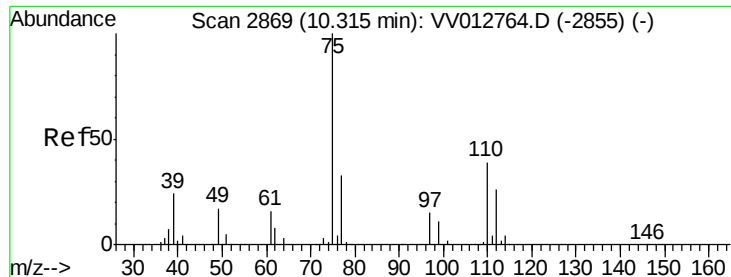
Ion 43.00 (42.70 to 43.70): VV012764.D (-2194) (-)

Ion 58.00 (57.70 to 58.70): VV012764.D (-2194) (-)

Ion 57.00 (56.70 to 57.70): VV012764.D (-2194) (-)

Ion 100.00 (99.70 to 100.70): VV012764.D (-2194) (-)





#59

1,2,3-Trichloropropane

Concen: 4.042 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.98 min

Lab File: VV012781.D

Acq: 14 Sep 2019 21:24

Instrument :

MSVOA_V

ClientSampleId :

COMH4

Tgt Ion: 75 Resp: 25145

Ion Ratio Lower Upper

75 100

77 38.5 25.9 38.9

