

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100918\
 Data File : VV008194.D
 Acq On : 09 Oct 2018 11:47
 Operator : SY/MD
 Sample : J5280-21
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Oct 10 03:12:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 10 03:08:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	100086	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	95776	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45543	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29298	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.59	69	25108	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.14	63	44324	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	3.96	46	75749	51.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.50%
24) Chloroform-d	4.41	84	63344	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.09	65	31950	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.10	84	123104	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.12	67	38776	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.36	98	109864	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.67	79	12341	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.14	63	47349	43.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.92%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	25574	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	44500	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

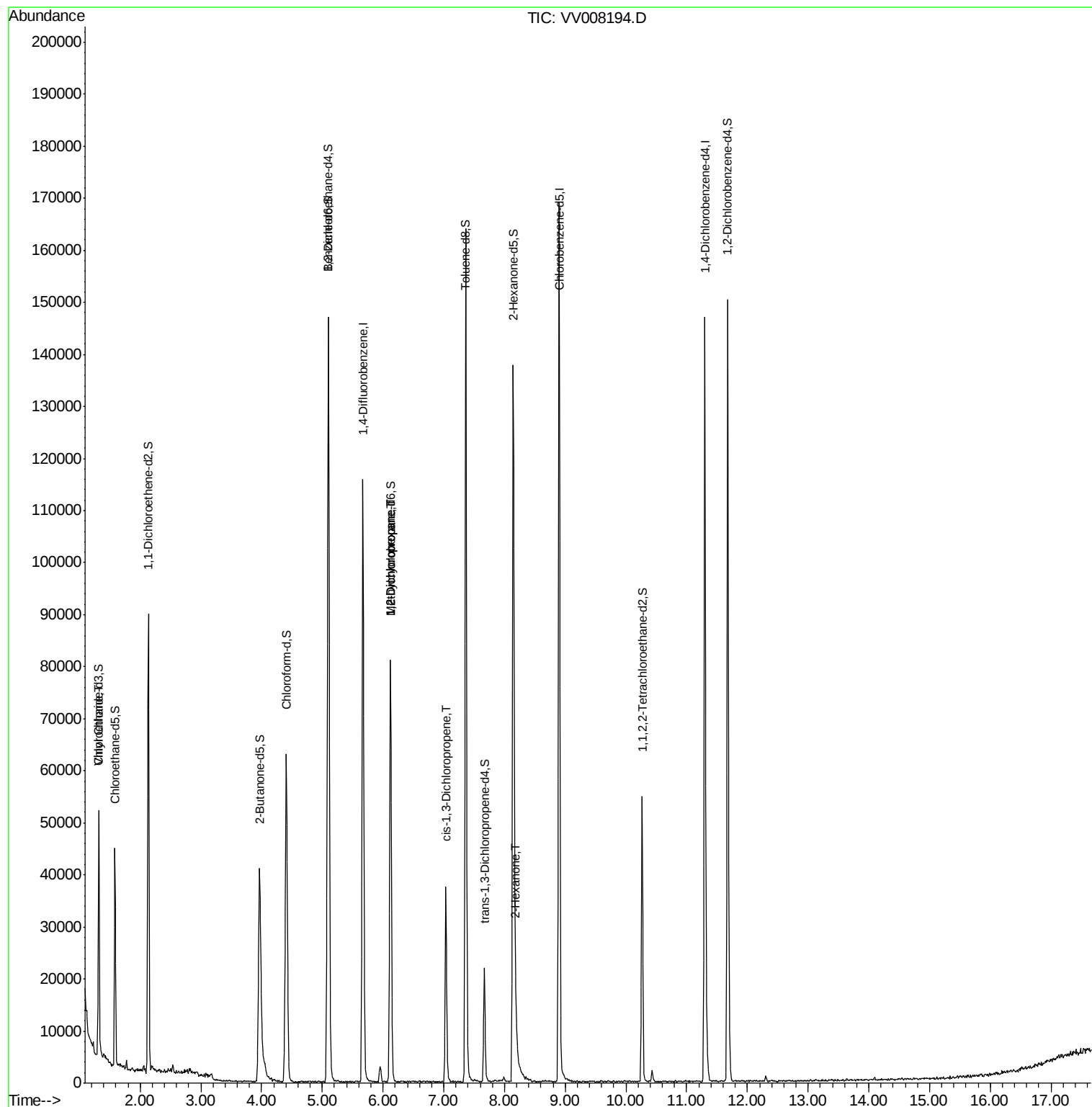
					Ovalue
8) Chloroethane	1.32	64	423	0.099 ug/L #	1
35) Methylcyclohexane	6.12	83	9292	0.943 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	4198	0.644 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	831	0.099 ug/L #	75
48) 2-Hexanone	8.19	43	3725	1.485 ug/L #	87

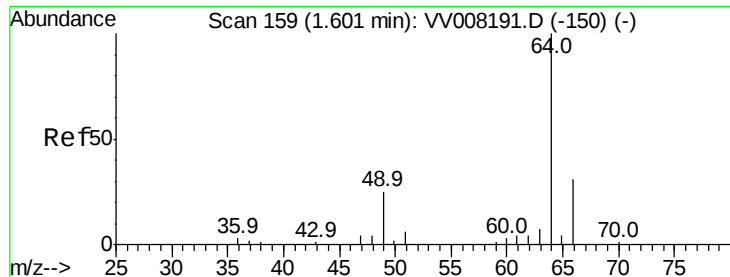
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 10 03:08:28 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.099 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV008194.D

Acq: 09 Oct 2018 11:47

Instrument :

MSVOA_V

ClientSampleId :

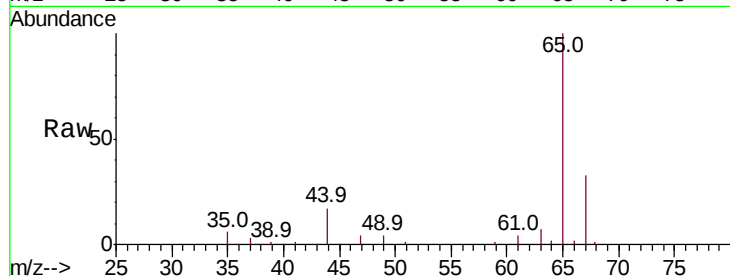
VHBLK01

Tot Ion: 64 Resp: 423

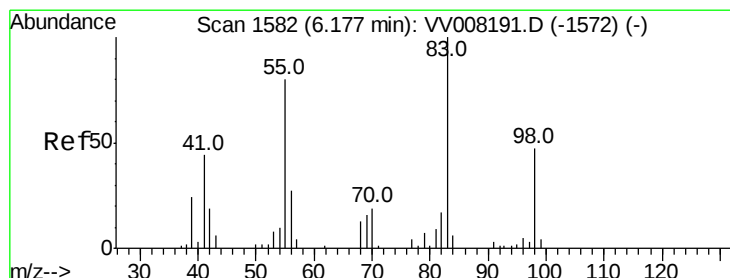
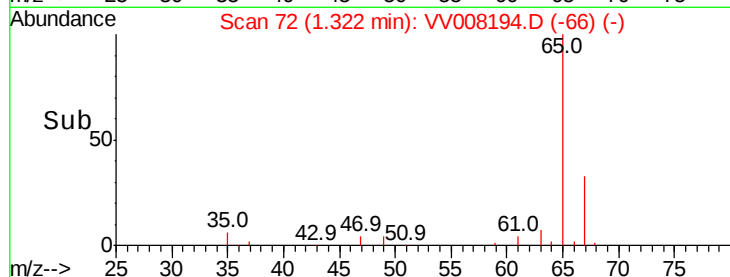
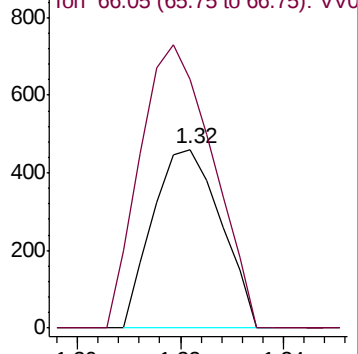
Ion Ratio Lower Upper

64 100

66 139.0 24.1 44.8#



Abundance Ion 64.10 (63.80 to 64.80): VV008191.D (-150) (-)



#35

Methylcyclohexane

Concen: 0.943 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008194.D

Acq: 09 Oct 2018 11:47

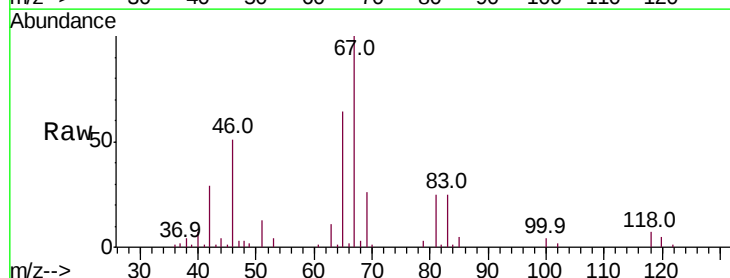
Tgt Ion: 83 Resp: 9292

Ion Ratio Lower Upper

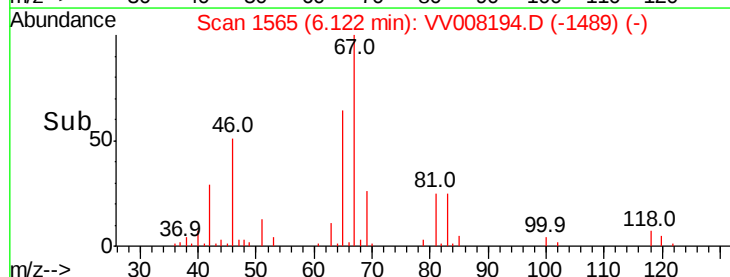
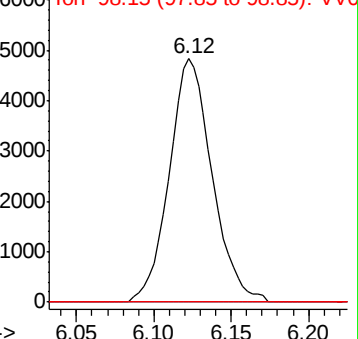
83 100

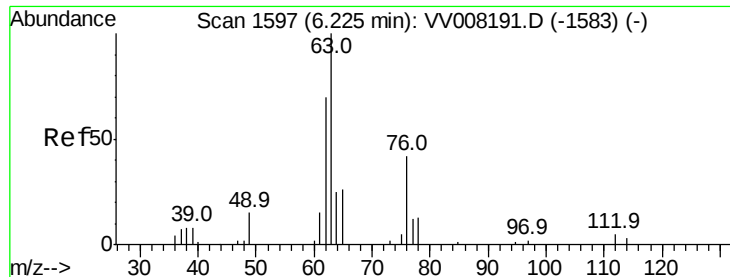
55 0.0 63.6 95.4#

98 2.8 38.3 57.5#



Abundance Ion 83.15 (82.85 to 83.85): VV008191.D (-1572) (-)





#37

1,2-Dichloropropane

Concen: 0.644 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.11 min

Lab File: VV008194.D

Acq: 09 Oct 2018 11:47

Instrument :

MSVOA_V

ClientSampleId :

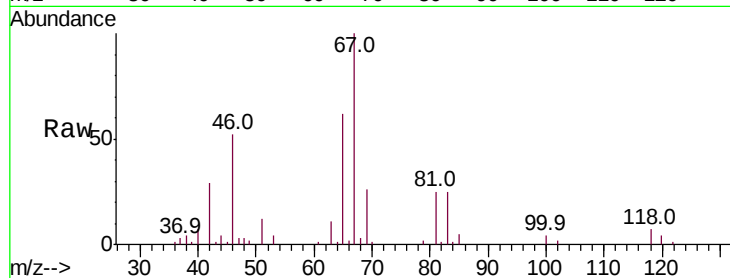
VHBLK01

Tot Ion: 63 Resp: 4198

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV008191.D (-1583) (-)

Ion 112.10 (111.80 to 112.80): VV008191.D (-1583) (-)

2500

2000

1500

1000

500

0

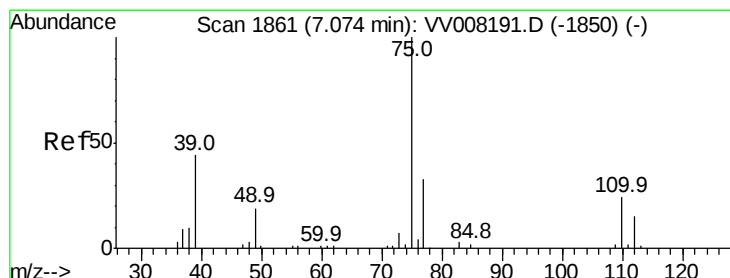
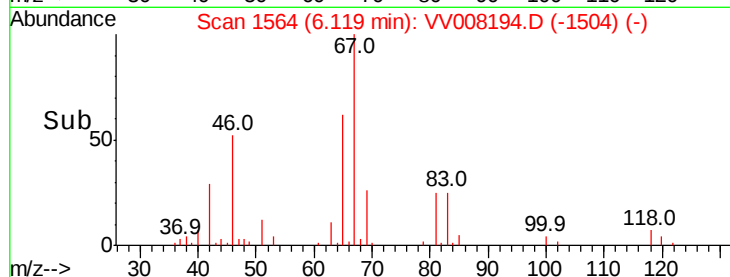
6.05

6.10

6.12

6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008194.D

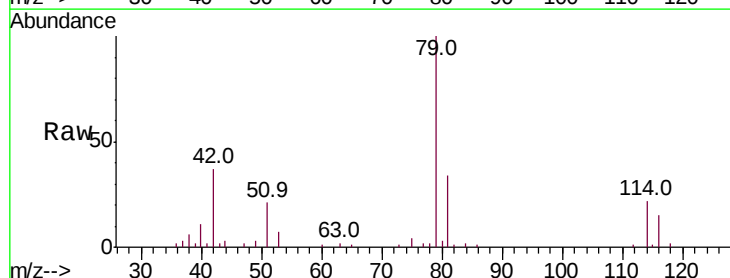
Acq: 09 Oct 2018 11:47

Tgt Ion: 75 Resp: 831

Ion Ratio Lower Upper

75 100

77 45.2 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VV008191.D (-1850) (-)

Ion 77.05 (76.75 to 77.75): VV008191.D (-1850) (-)

600

500

400

300

200

100

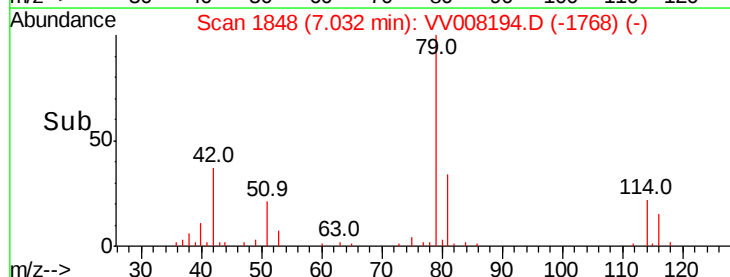
0

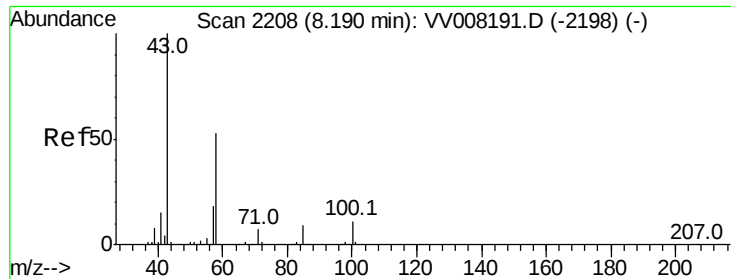
7.00

7.03

7.05

Time-->





#48
 2-Hexanone
 Concen: 1.485 ug/L
 RT: 8.19 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: VV008194.D
 Acq: 09 Oct 2018 11:47

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tot Ion: 43 Resp: 3725
 Ion Ratio Lower Upper
 43 100
 58 55.4 40.5 60.7
 57 7.1 14.6 22.0#
 100 4.9 9.3 13.9#

