

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100218\
 Data File : VV008025.D
 Acq On : 02 Oct 2018 12:17
 Operator : SY/MD
 Sample : J5159-22
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 03 05:35:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 03 05:34:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	80668	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	78442	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37441	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22776	5.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.40%
7) Chloroethane-d5	1.59	69	20459	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.60%
11) 1,1-Dichloroethene-d2	2.13	63	37240	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	3.97	46	65678	50.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.98%
24) Chloroform-d	4.41	84	51719	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.09	65	27437	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.10	84	101551	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
36) 1,2-Dichloropropane-d6	6.12	67	31559	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.36	98	94981	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.67	79	10448	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.14	63	45209	44.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.62%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21567	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	39050	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

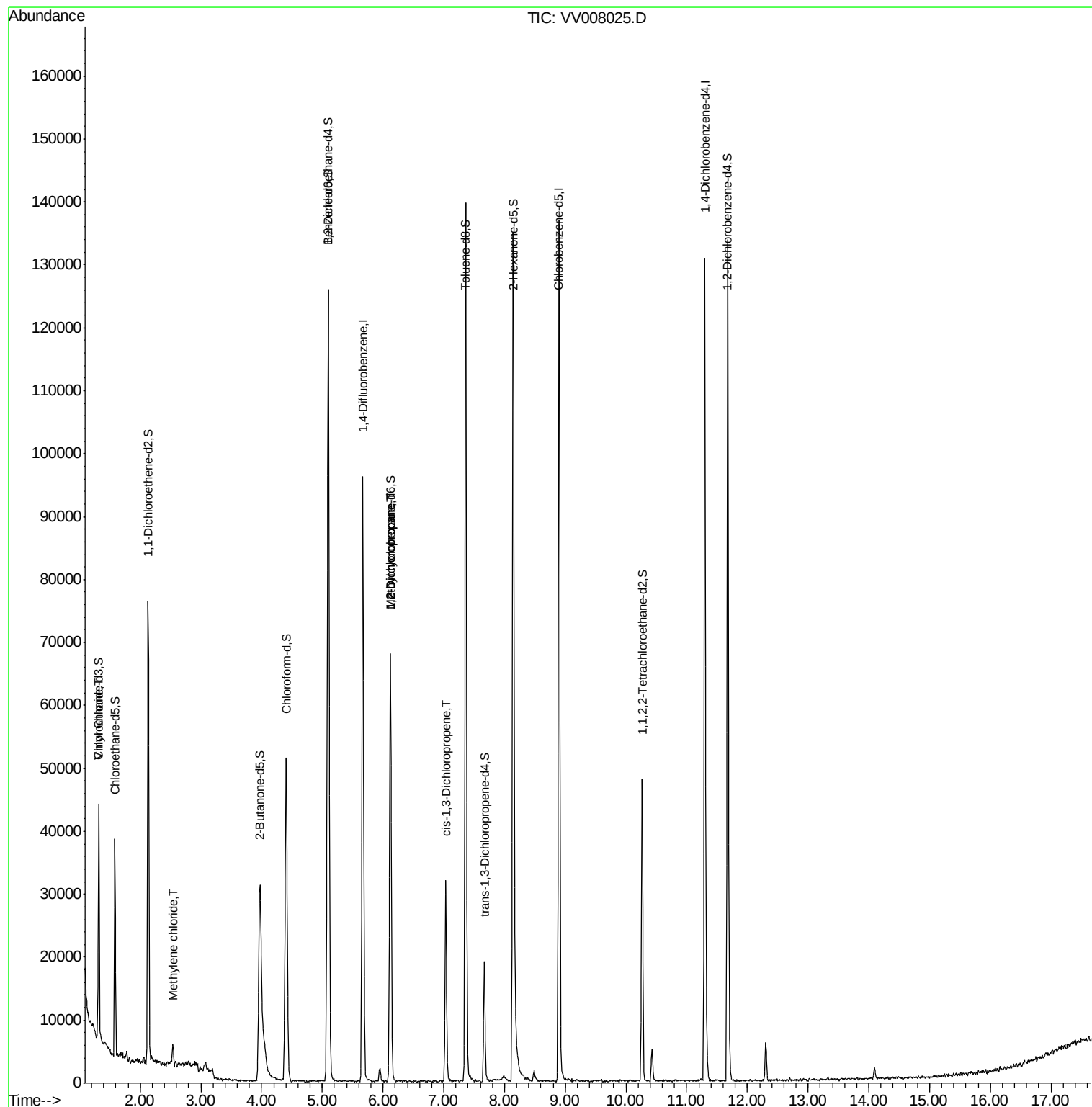
				Ovalue	
8) Chloroethane	1.32	64	367	0.094	ug/L # 1
16) Methylene chloride	2.54	84	1113	0.188	ug/L 94
35) Methylcyclohexane	6.12	83	7920	0.821	ug/L # 18
37) 1,2-Dichloropropane	6.12	63	3681	0.641	ug/L # 87
39) cis-1,3-Dichloropropene	7.03	75	833	0.109	ug/L # 74

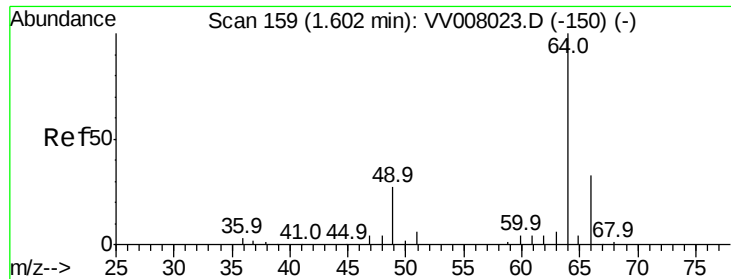
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 0.094 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV008025.D

Acq: 02 Oct 2018 12:17

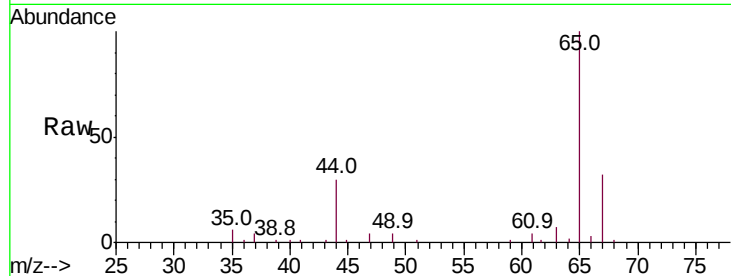
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 64 Resp: 367

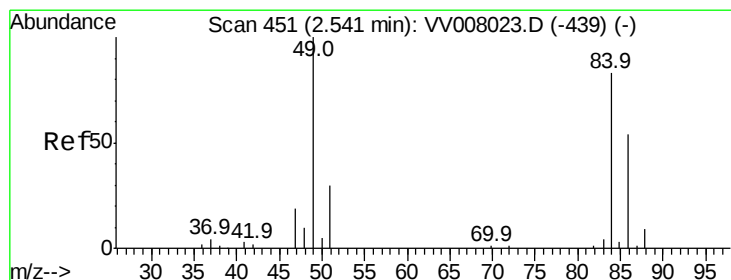
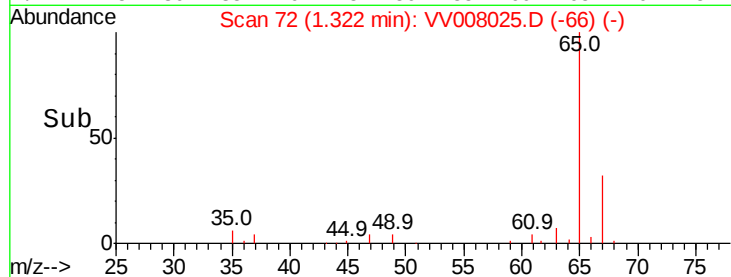
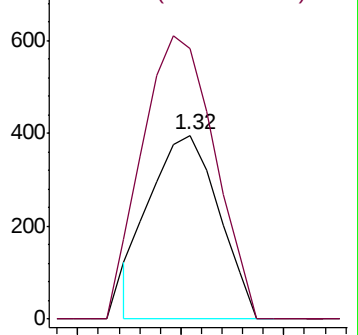
Ion Ratio Lower Upper

64 100

66 147.0 23.1 42.9#



Abundance Ion 64.10 (63.80 to 64.80): VV008025.D (-66) (-)



#16

Methylene chloride

Concen: 0.188 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV008025.D

Acq: 02 Oct 2018 12:17

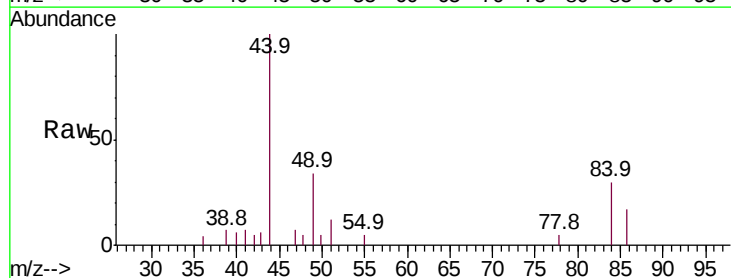
Tgt Ion: 84 Resp: 1113

Ion Ratio Lower Upper

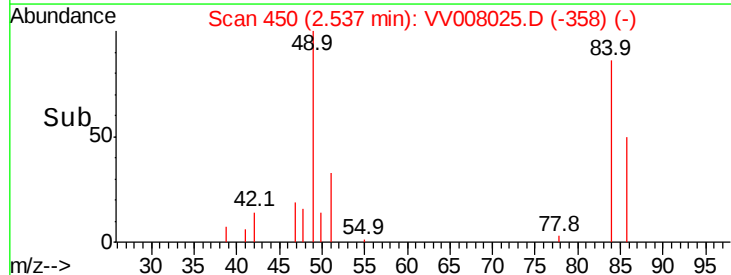
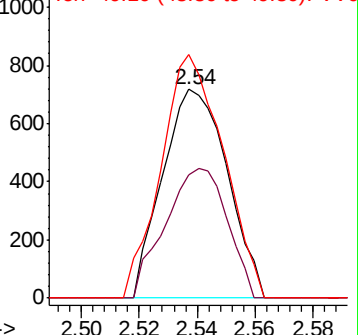
84 100

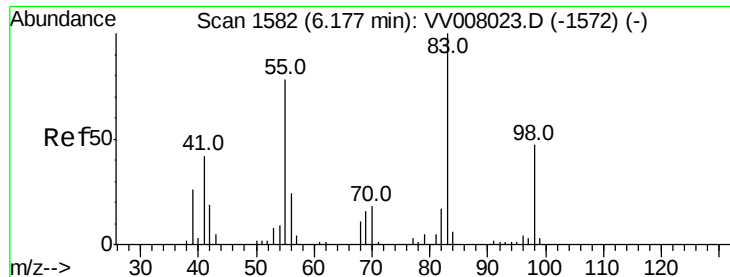
86 58.9 47.3 87.8

49 132.6 90.0 167.2



Abundance Ion 84.05 (83.75 to 84.75): VV008025.D (-358) (-)





#35

Methvlcvclohexane

Concen: 0.821 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.06 min

Lab File: VV008025.D

Acq: 02 Oct 2018 12:17

Instrument :
MSVOA_V
ClientSampleId :

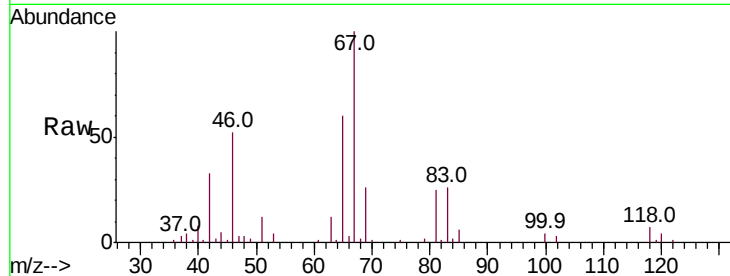
Tot Ion: 83 Resp: 7920

Ion Ratio Lower Upper

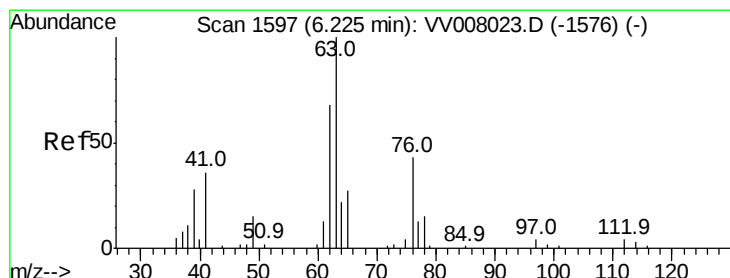
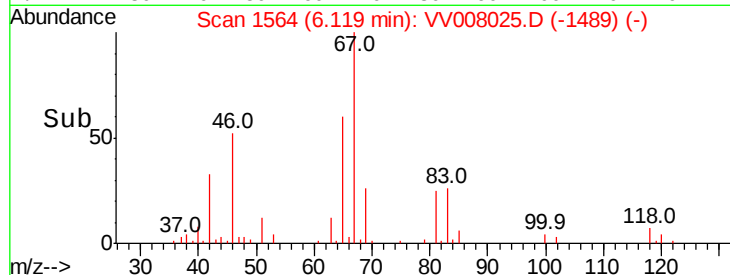
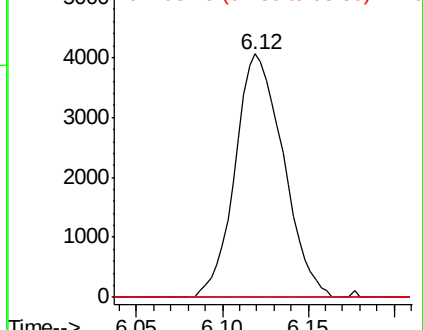
83 100

55 0.0 62.2 93.2#

98 0.3 38.0 57.0#



Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.641 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008025.D

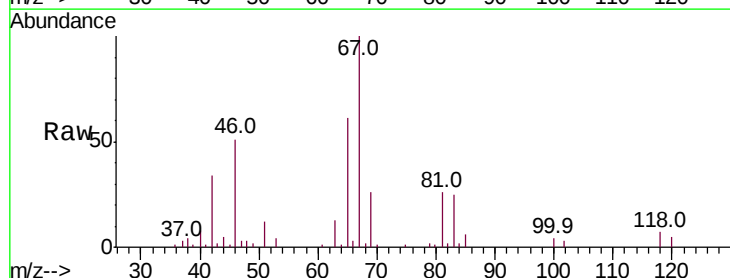
Acq: 02 Oct 2018 12:17

Tgt Ion: 63 Resp: 3681

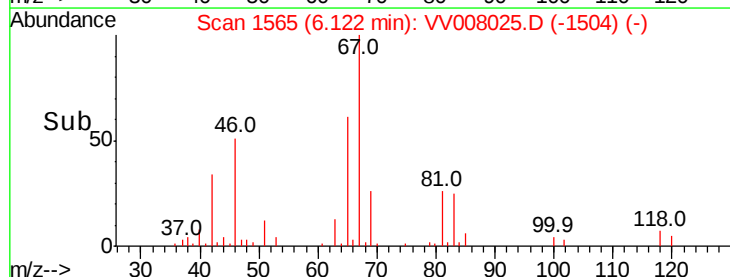
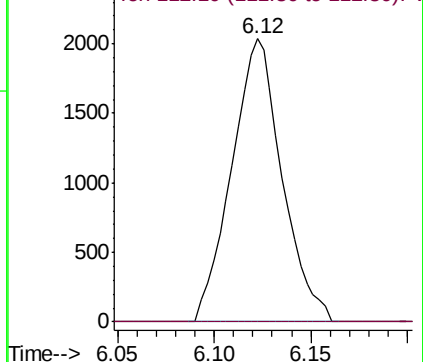
Ion Ratio Lower Upper

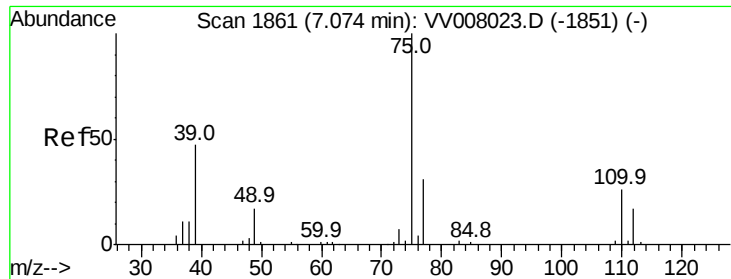
63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008025.D

Acq: 02 Oct 2018 12:17

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 833

Ion Ratio Lower Upper

75 100

77 47.6 22.9 42.5#

