

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032319\
 Data File : VV009846.D
 Acq On : 23 Mar 2019 12:48
 Operator : SY/MD
 Sample : VV0323WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 23 22:00:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 23 03:53:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	126991	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	129860	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55058	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62312	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.59	69	60040	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.13	63	121840	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	3.96	46	73314	41.28	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.56%
24) Chloroform-d	4.40	84	67143	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
26) 1,2-Dichloroethane-d4	5.08	65	33211	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	5.10	84	139724	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
36) 1,2-Dichloropropane-d6	6.12	67	41673	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.00%
41) Toluene-d8	7.36	98	127806	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
43) trans-1,3-Dichloropropene-	7.67	79	12214	3.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.20%
46) 2-Hexanone-d5	8.14	63	59534	37.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.60%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	27715	3.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	43161	4.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.40%

Target Compounds

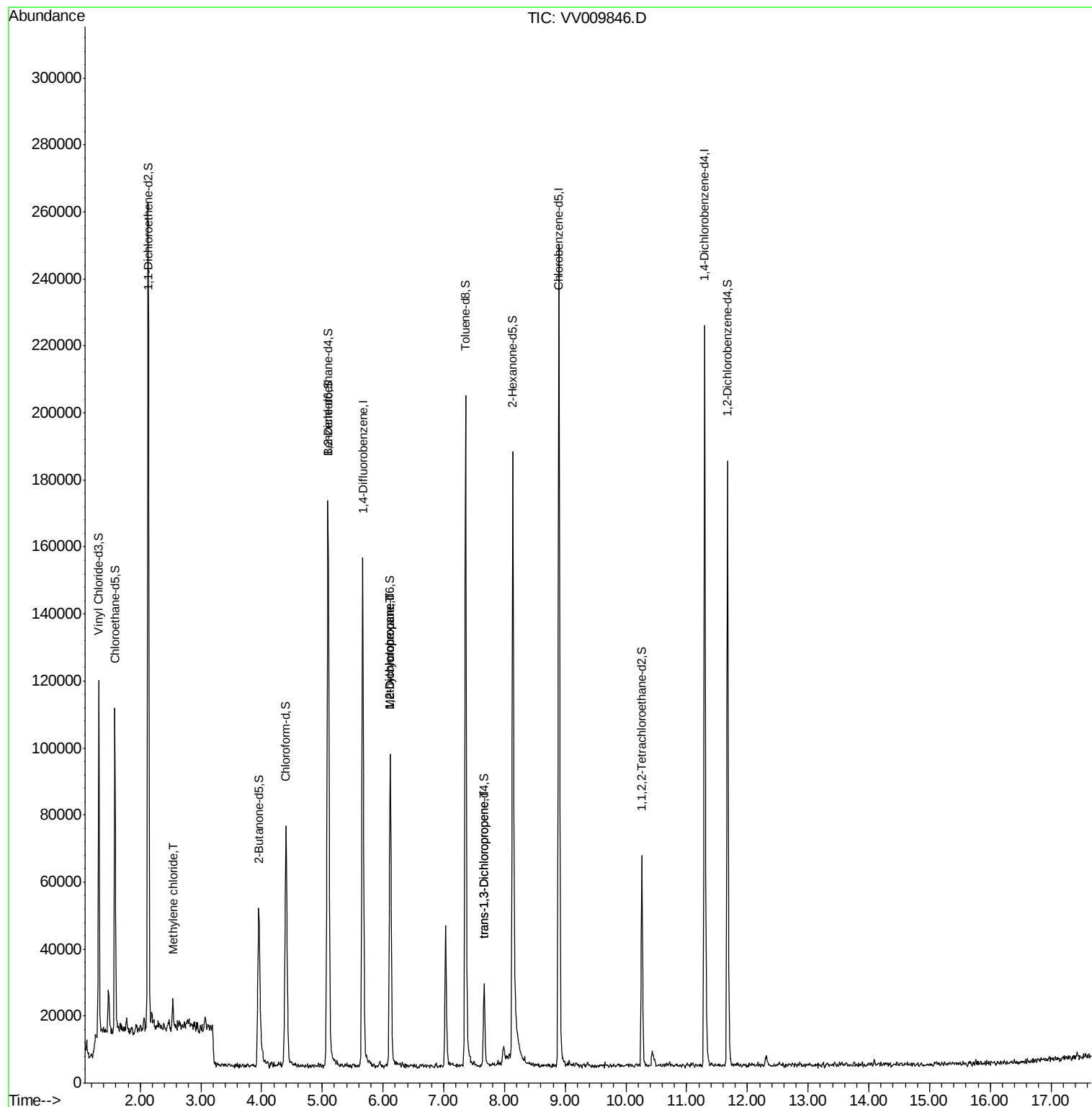
					Ovalue
16) Methylene chloride	2.54	84	3078	0.161 ug/L	90
35) Methylcyclohexane	6.12	83	9600	0.608 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	5259	0.577 ug/L #	88
44) trans-1,3-Dichloropropene	7.67	75	861	0.087 ug/L	86

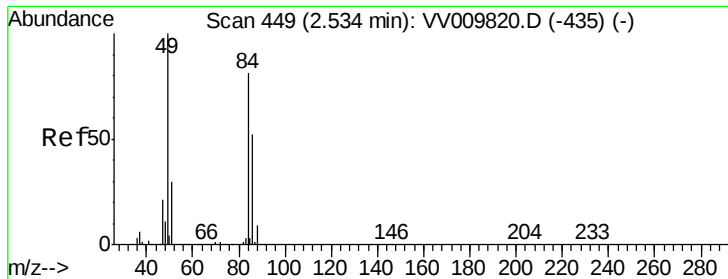
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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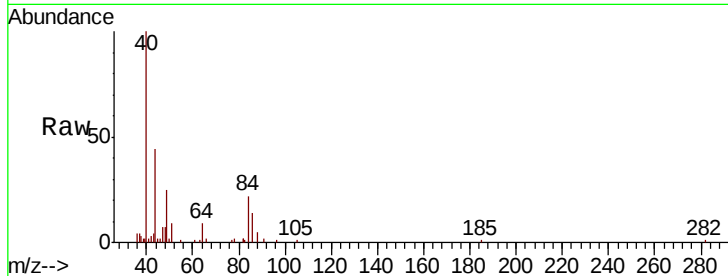




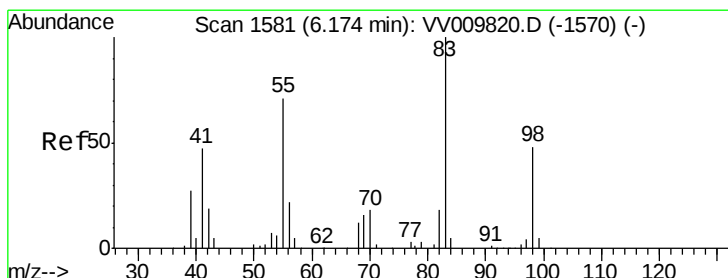
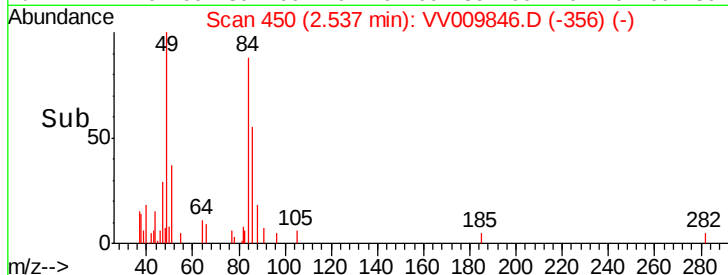
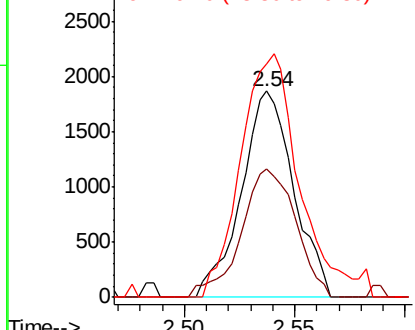
#16
Methvlene chloride
Concen: 0.161 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009846.D
Acq: 23 Mar 2019 12:48

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 84 Resp: 3078
Ion Ratio Lower Upper
84 100
86 62.5 46.1 85.5
49 113.0 89.7 166.5

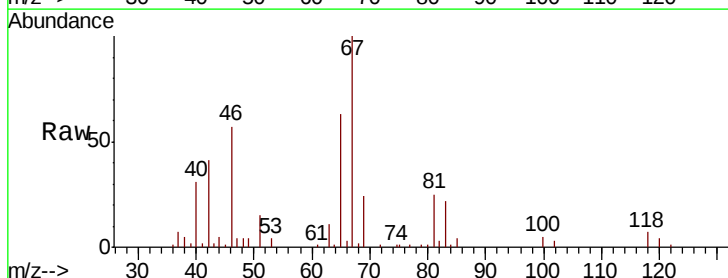


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

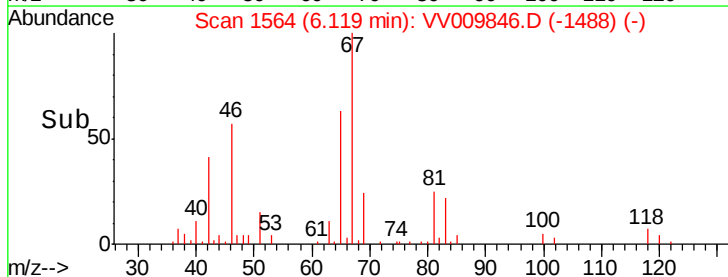
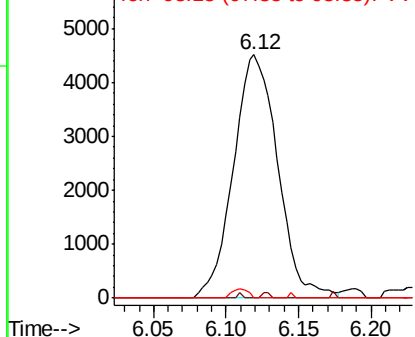


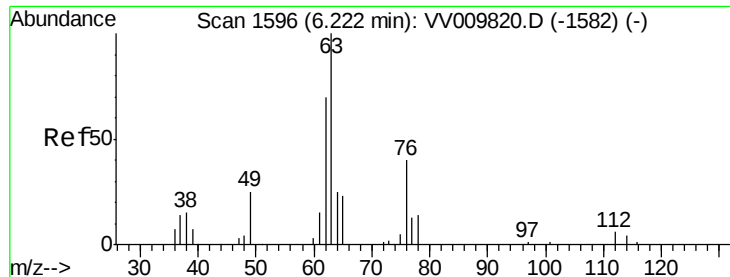
#35
Methylcyclohexane
Concen: 0.608 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV009846.D
Acq: 23 Mar 2019 12:48

Tgt Ion: 83 Resp: 9600
Ion Ratio Lower Upper
83 100
55 0.4 57.4 86.2#
98 0.2 38.9 58.3#



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: 0.577 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV009846.D

Acq: 23 Mar 2019 12:48

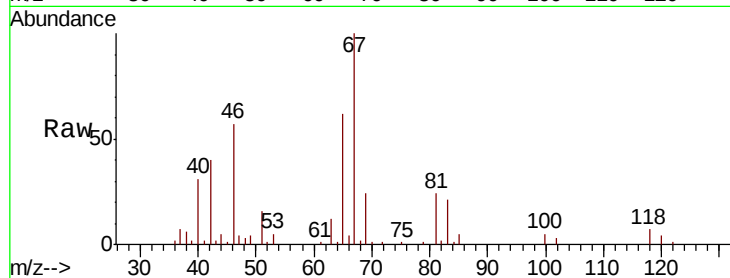
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 5259

Ion Ratio Lower Upper

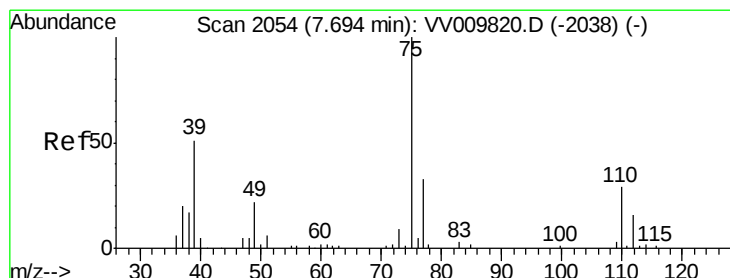
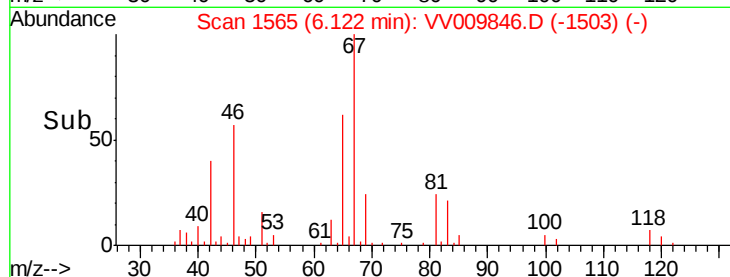
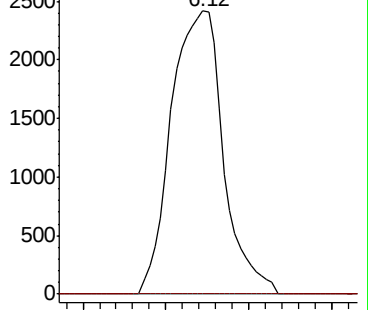
63 100

112 0.0 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VV009820.D (-1582) (-)

Ion 112.10 (111.80 to 112.80): VV009820.D (-1582) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV009846.D

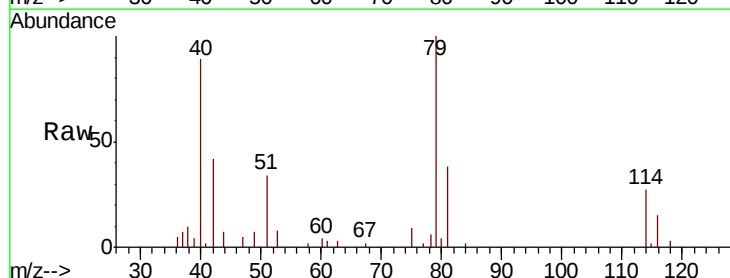
Acq: 23 Mar 2019 12:48

Tgt Ion: 75 Resp: 861

Ion Ratio Lower Upper

75 100

77 24.4 22.7 42.3



Abundance Ion 75.05 (74.75 to 75.75): VV009820.D (-2038) (-)

Ion 77.05 (76.75 to 77.75): VV009820.D (-2038) (-)

