

Data File : VV009804.D
Acq On : 21 Mar 2019 19:07
Operator : SY/MD
Sample : K2049-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
P003-TW001-01

Quant Time: Mar 22 08:17:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 22 08:14:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	93276	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	96979	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42215	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54173	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.59	69	52384	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.13	63	104712	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.40%
20) 2-Butanone-d5	3.95	46	69839	53.53	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.06%
24) Chloroform-d	4.41	84	58735	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.09	65	30378	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.10	84	127387	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.12	67	38233	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.36	98	117095	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.67	79	12386	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.14	63	62214	52.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	28219	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	40157	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

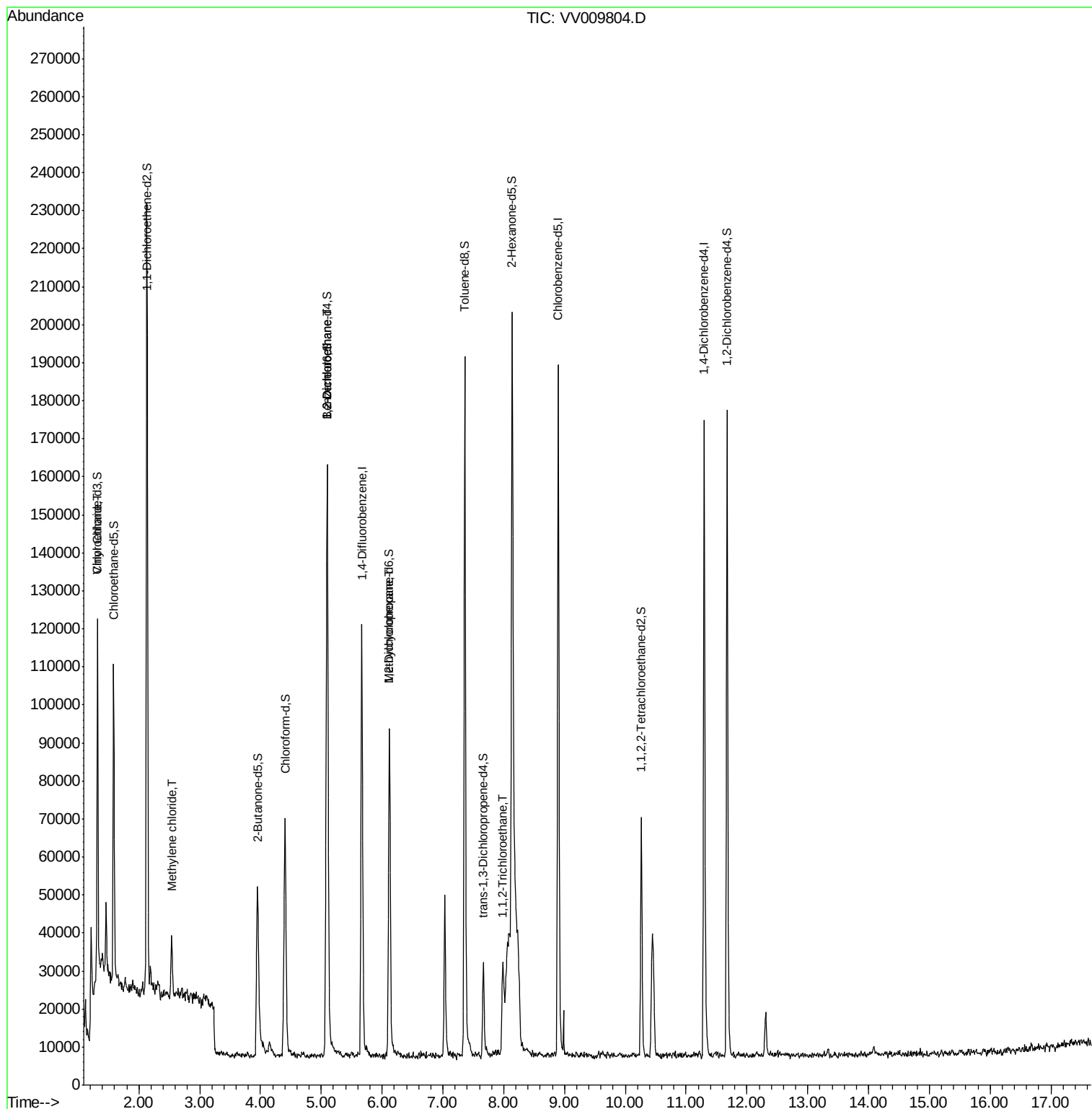
					Qvalue
8) Chloroethane	1.32	64	1019	0.108 ug/L	90
16) Methylene chloride	2.54	84	6348	0.451 ug/L	86
27) 1,2-Dichloroethane	5.10	62	777	0.113 ug/L #	75
35) Methylcyclohexane	6.12	83	8436	0.715 ug/L #	20
45) 1,1,2-Trichloroethane	7.98	97	445	0.096 ug/L #	14

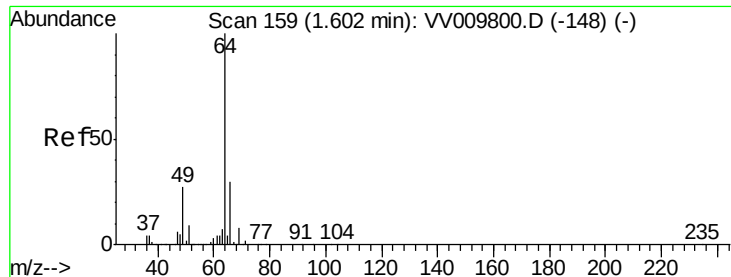
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.108 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

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ClientSampleId :

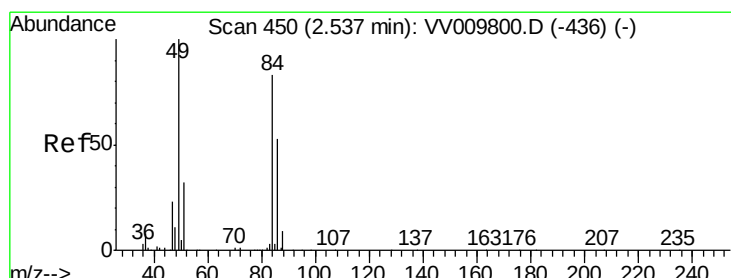
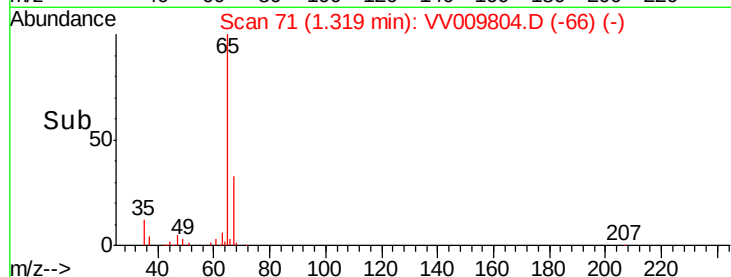
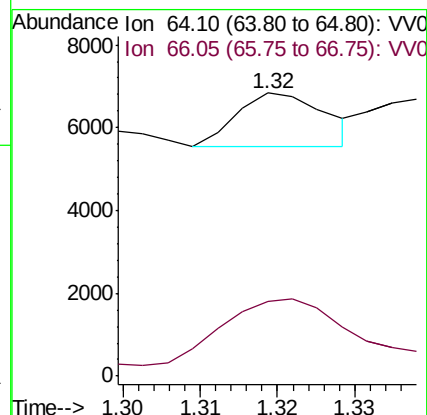
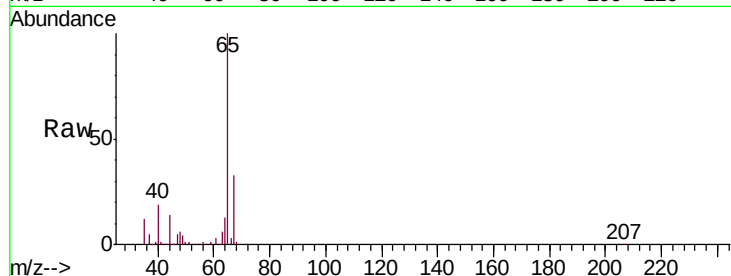
P003-TW001-01

Tgt Ion: 64 Resp: 1019

Ion Ratio Lower Upper

64 100

66 26.4 22.4 41.6



#16

Methylene chloride

Concen: 0.451 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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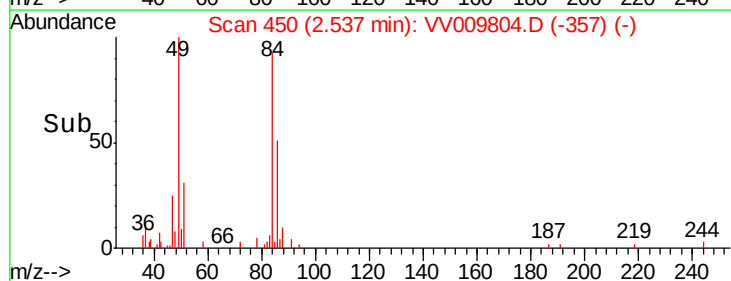
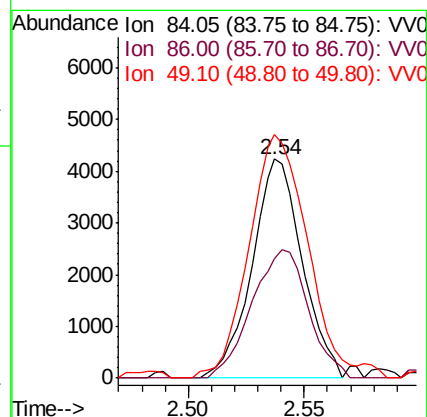
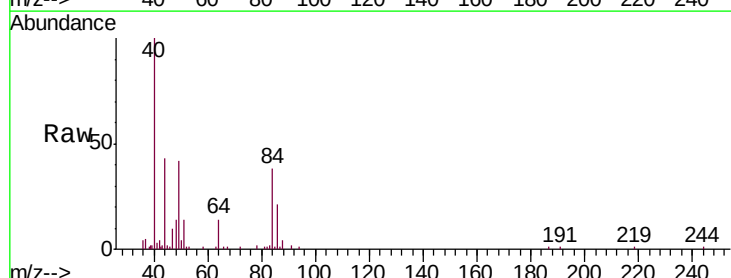
Tgt Ion: 84 Resp: 6348

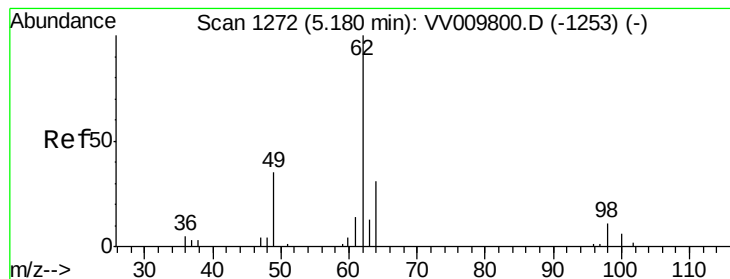
Ion Ratio Lower Upper

84 100

86 54.6 46.1 85.5

49 111.3 89.7 166.5





#27

1,2-Dichloroethane

Concen: 0.113 ug/L

RT: 5.10 min Scan# 1246

Delta R.T. -0.08 min

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Acq: 21 Mar 2019 19:07

Instrument :

MSVOA_V

ClientSampleId :

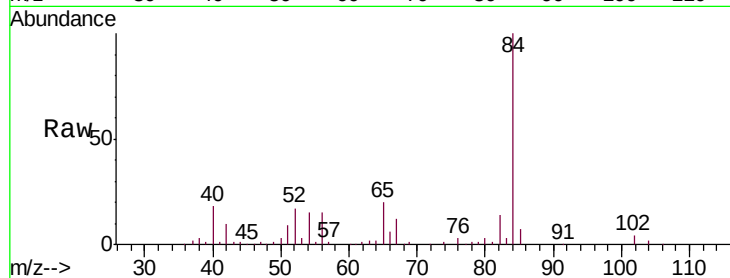
P003-TW001-01

Tgt Ion: 62 Resp: 777

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



Abundance Ion 62.00 (61.70 to 62.70): VV009800.D (-1253) (-)

Ion 98.05 (97.75 to 98.75): VV009800.D (-1253) (-)

5.10

400

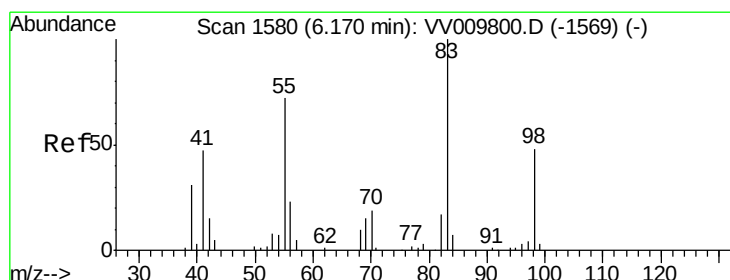
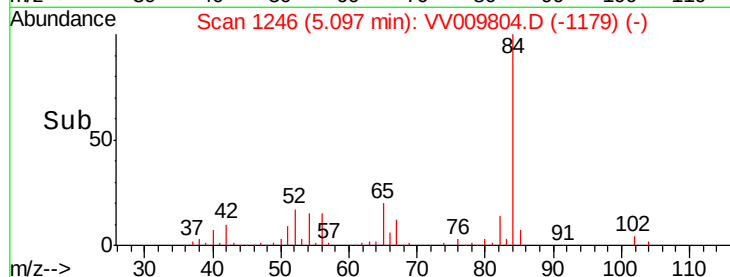
300

200

100

0

Time-->



#35

Methylcyclohexane

Concen: 0.715 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

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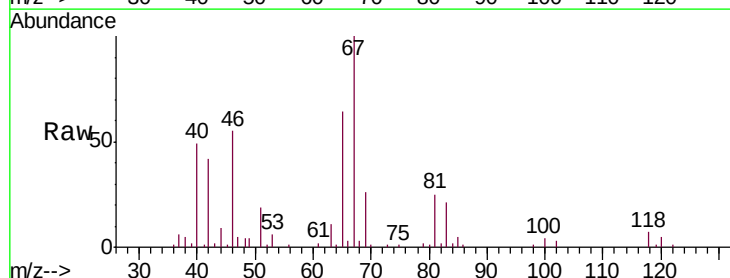
Tgt Ion: 83 Resp: 8436

Ion Ratio Lower Upper

83 100

55 0.6 57.4 86.2#

98 0.0 38.9 58.3#



Abundance Ion 83.15 (82.85 to 83.85): VV009800.D (-1569) (-)

Ion 55.10 (54.80 to 55.80): VV009800.D (-1569) (-)

Ion 98.15 (97.85 to 98.85): VV009800.D (-1569) (-)

6.12

5000

4000

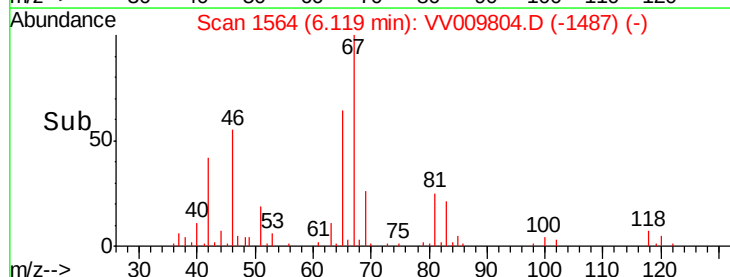
3000

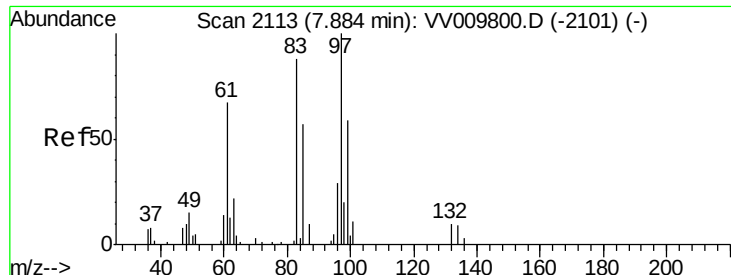
2000

1000

0

Time-->

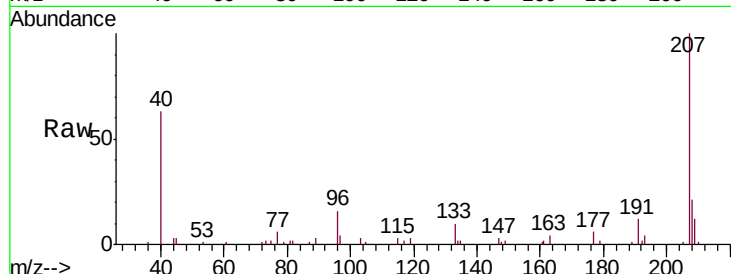




#45
 1,1,2-Trichloroethane
 Concen: 0.096 ug/L
 RT: 7.98 min Scan# 2144
 Delta R.T. 0.10 min
 Lab File: VV009804.D
 Acq: 21 Mar 2019 19:07

Instrument :
 MSVOA_V
 ClientSampleId :
 P003-TW001-01

Tgt Ion:	97	Resp:	445
Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.8	81.4#
83	0.0	60.7	112.7#
85	0.0	40.5	75.3#



Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 82.95 (82.65 to 83.65): VV0
 Ion 85.00 (84.70 to 85.70): VV0

