

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007929.D
 Acq On : 28 Sep 2018 01:18
 Operator : SY/MD
 Sample : J5063-16
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 03:48:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 28 03:46:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	183105	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	173138	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	83746	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20735	2.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	42.20%
7) Chloroethane-d5	1.59	69	19923	2.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	47.00%#
11) 1,1-Dichloroethene-d2	2.14	63	35153	1.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	31.80%#
20) 2-Butanone-d5	3.96	46	64652	21.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	43.80%
24) Chloroform-d	4.41	84	49580	2.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	44.40%#
26) 1,2-Dichloroethane-d4	5.09	65	26980	2.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	43.80%#
32) Benzene-d6	5.10	84	96344	2.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	46.60%#
36) 1,2-Dichloropropane-d6	6.13	67	30038	2.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	45.80%#
41) Toluene-d8	7.36	98	90178	2.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	42.80%#
43) trans-1,3-Dichloropropene-	7.67	79	9817	1.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	39.00%#
46) 2-Hexanone-d5	8.14	63	46334	20.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	41.60%#
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22359	2.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	44.20%#
64) 1,2-Dichlorobenzene-d4	11.68	152	37973	2.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	46.80%#

Target Compounds

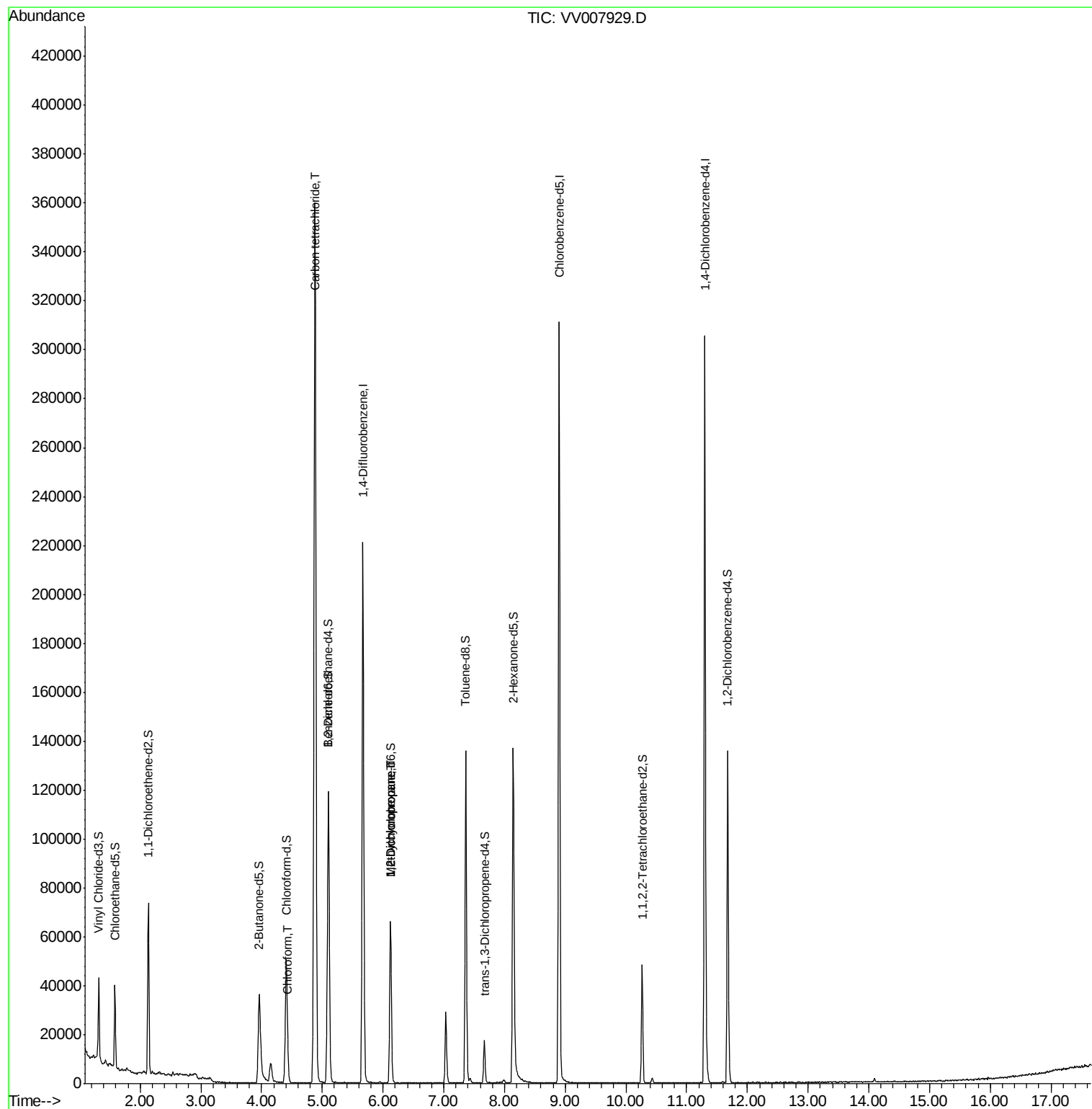
					Ovalue
25) Chloroform	4.44	83	2427	0.099 ug/L	91
31) Carbon tetrachloride	4.88	117	261052	14.223 ug/L	100
35) Methylcyclohexane	6.13	83	7320	0.344 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3716	0.293 ug/L #	87

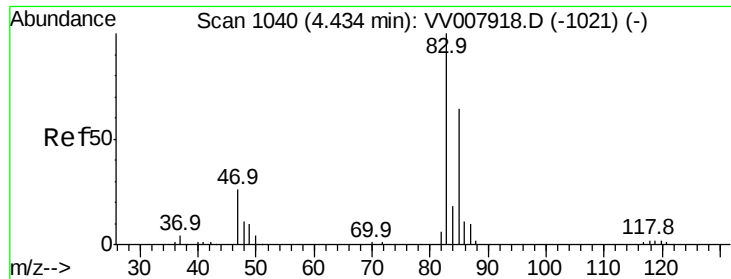
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.099 ug/L

RT: 4.44 min Scan# 1042

Delta R.T. 0.01 min

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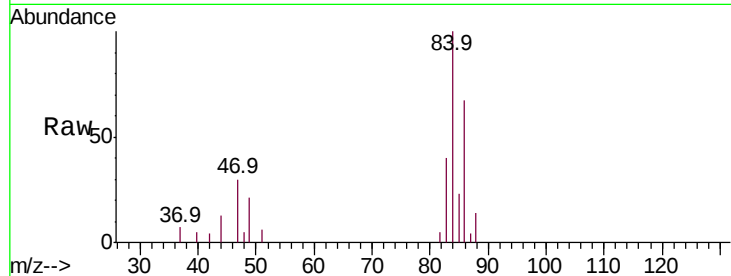
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 2427

Ion Ratio Lower Upper

83 100

85 57.0 44.8 83.2



Abundance Ion 83.05 (82.75 to 83.75): VV007918.D (-1021) (-)

Ion 85.00 (84.70 to 85.70): VV007918.D (-1021) (-)

4.44

1000

800

600

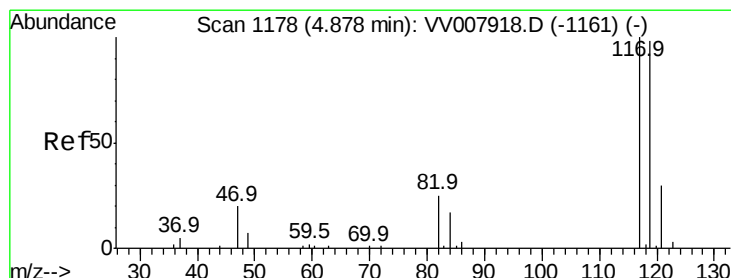
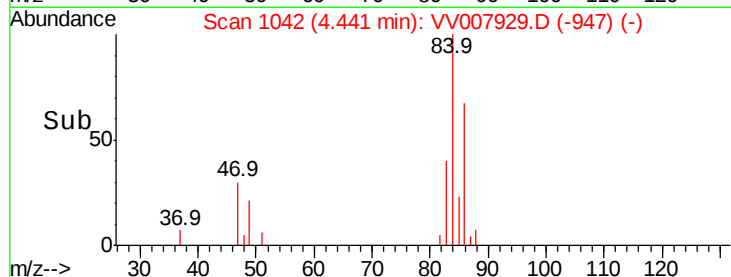
400

200

0

4.35 4.40 4.45 4.50

Time-->



#31

Carbon tetrachloride

Concen: 14.223 ug/L

RT: 4.88 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VV007929.D

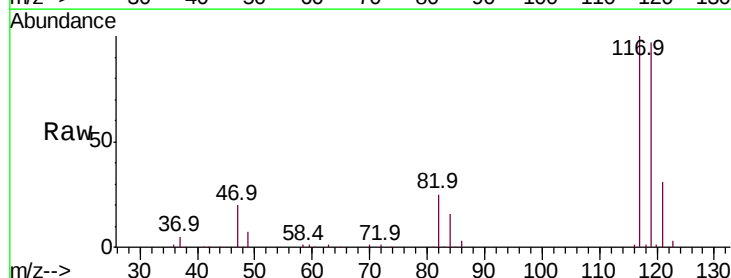
Acq: 28 Sep 2018 01:18

Tgt Ion: 117 Resp: 261052

Ion Ratio Lower Upper

117 100

119 97.2 77.8 116.8



Abundance Ion 116.90 (116.60 to 117.60): VV007918.D (-1161) (-)

Ion 118.90 (118.60 to 119.60): VV007918.D (-1161) (-)

4.88

120000

100000

80000

60000

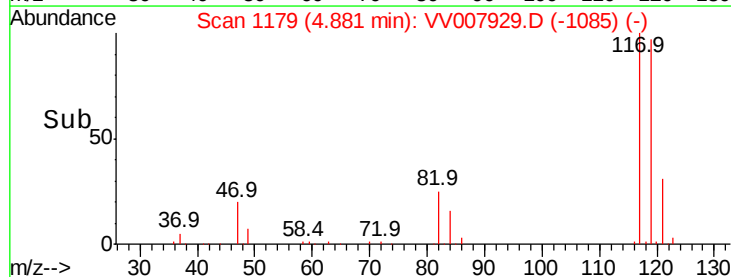
40000

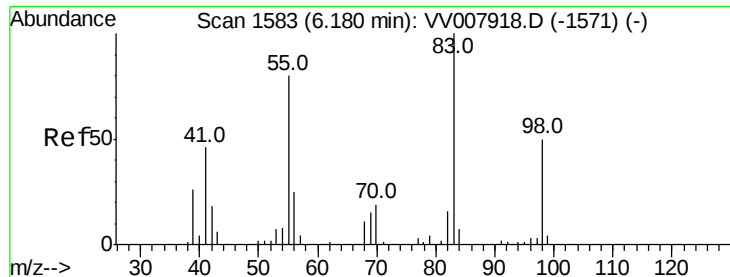
20000

0

4.80 4.90 5.00

Time-->

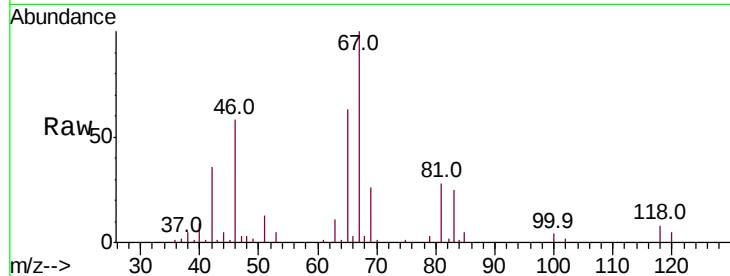




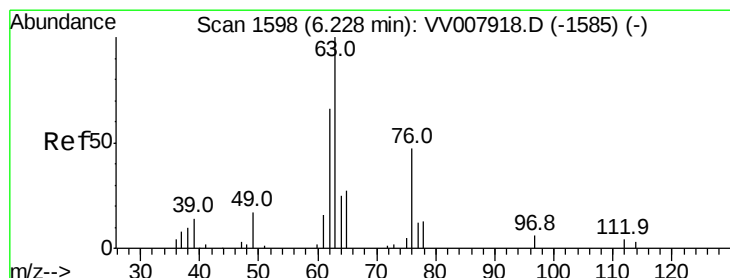
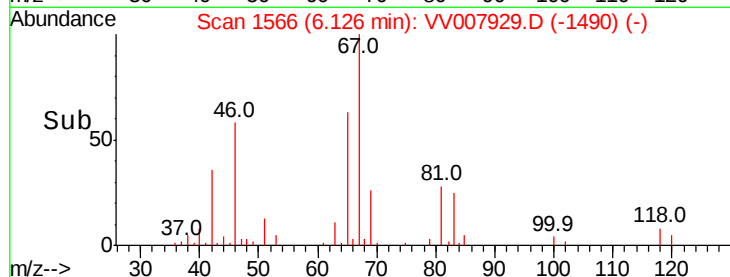
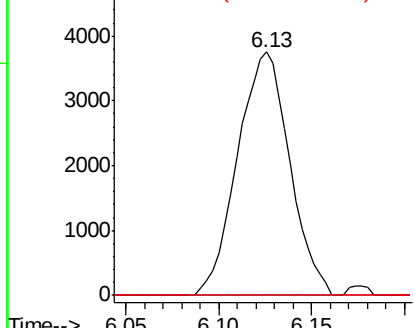
#35
Methvlcvclohexane
Concen: 0.344 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
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Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 7320
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.0 38.0 57.0#

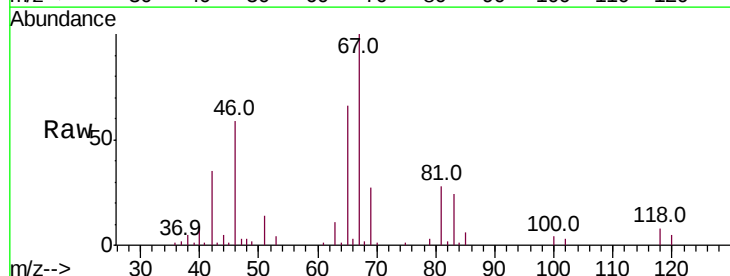


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0



#37
1,2-Dichloropropane
Concen: 0.293 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.11 min
Lab File: VV007929.D
Acq: 28 Sep 2018 01:18

Tgt Ion: 63 Resp: 3716
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

