

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\
 Data File : VV007996.D
 Acq On : 01 Oct 2018 15:50
 Operator : SY/MD
 Sample : J5091-03
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E62S7

Quant Time: Oct 02 03:53:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 02:56:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	90570	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	85132	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42102	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17935	3.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.80%
7) Chloroethane-d5	1.59	69	17694	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.14	63	31142	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	3.96	46	72882	49.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.82%
24) Chloroform-d	4.41	84	51547	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.09	65	27710	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.10	84	94535	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.12	67	31708	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.36	98	85866	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	7.67	79	10219	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.14	63	51093	46.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.32%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24596	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	38040	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

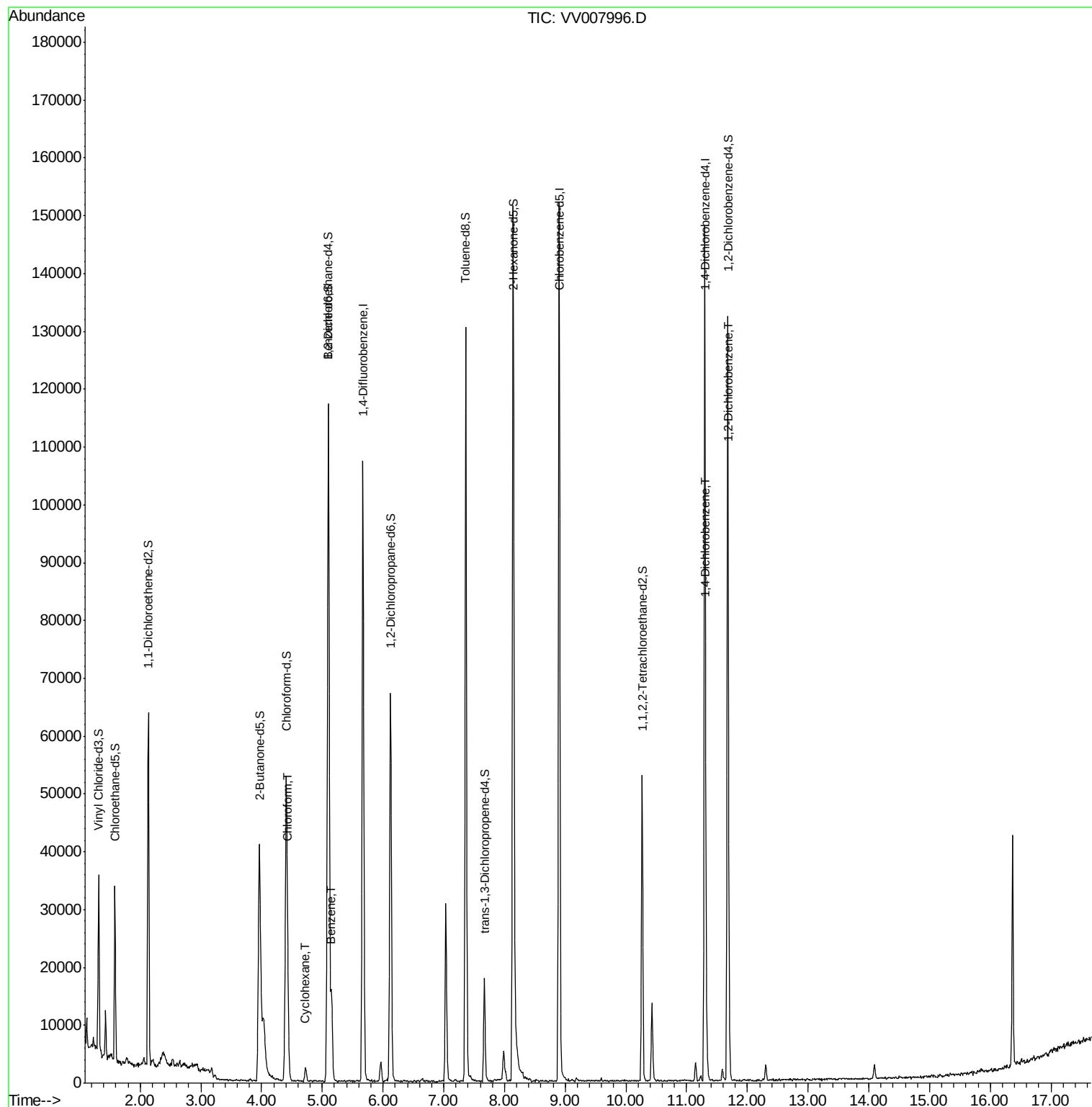
					Ovalue
25) Chloroform	4.43	83	6936	0.570 ug/L	95
30) Cyclohexane	4.73	56	1159	0.120 ug/L #	92
33) Benzene	5.15	78	15067	0.618 ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	1591	0.110 ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	2011	0.153 ug/L	90

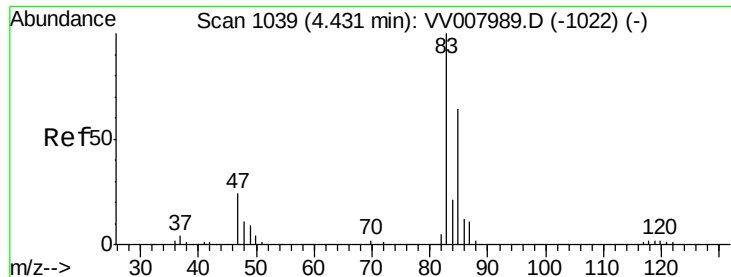
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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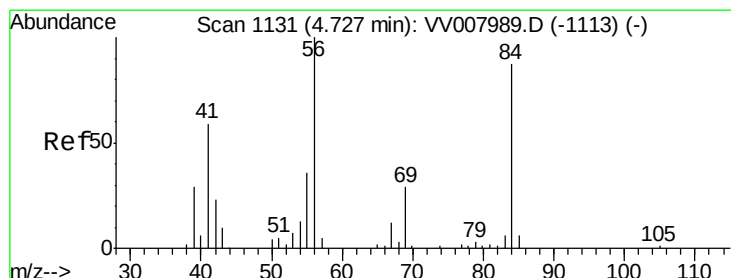
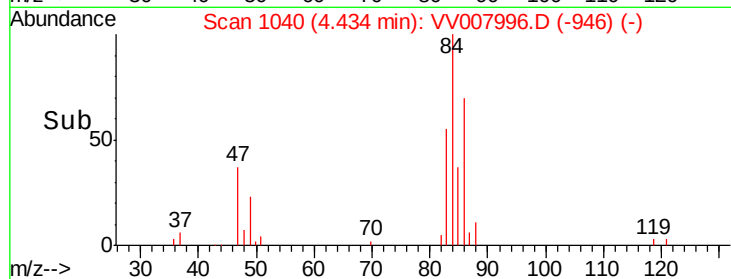
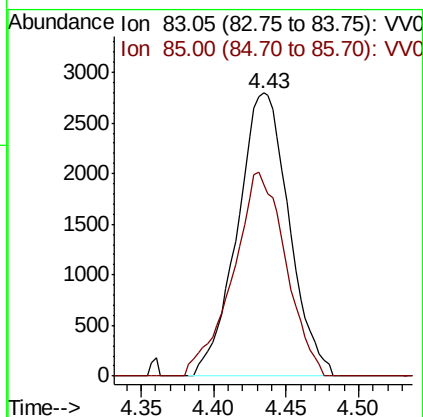
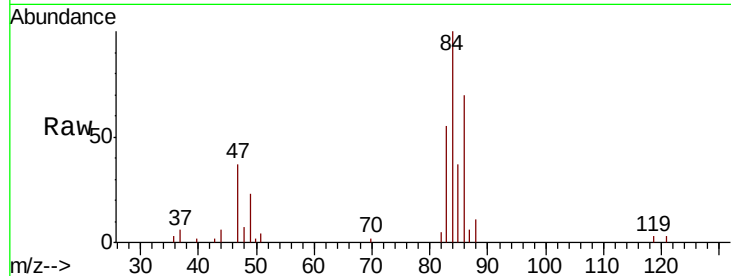




#25
Chloroform
Concen: 0.570 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV007996.D
Acq: 01 Oct 2018 15:50

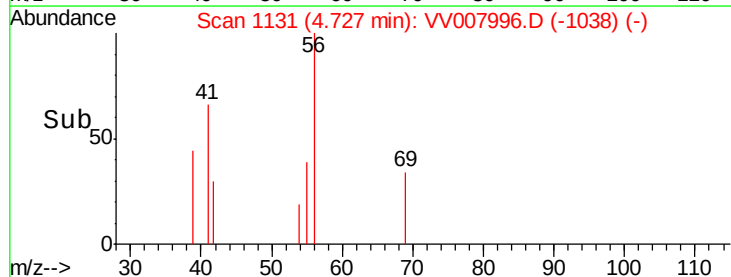
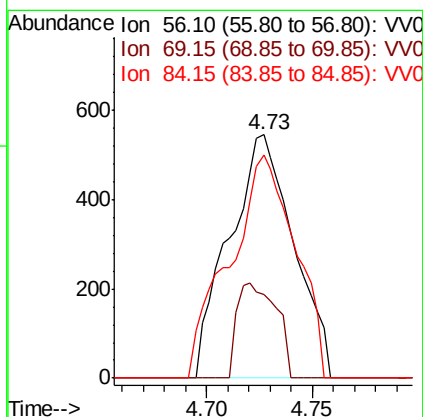
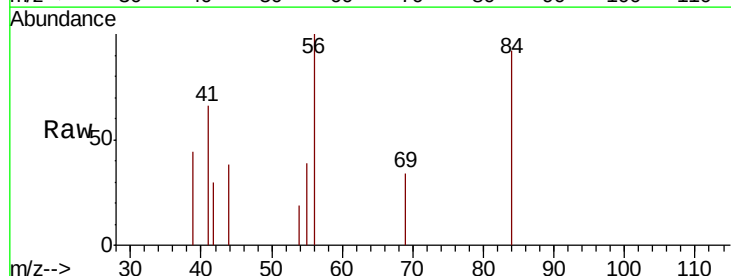
Instrument :
MSVOA_V
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E62S7

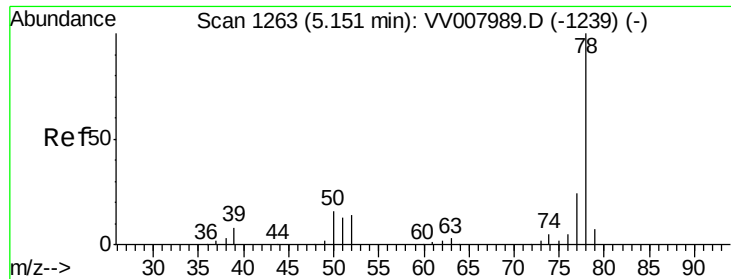
Tot Ion: 83 Resp: 6936
Ion Ratio Lower Upper
83 100
85 67.6 44.8 83.2



#30
Cyclohexane
Concen: 0.120 ug/L
RT: 4.73 min Scan# 1131
Delta R.T. 0.00 min
Lab File: VV007996.D
Acq: 01 Oct 2018 15:50

Tgt Ion: 56 Resp: 1159
Ion Ratio Lower Upper
56 100
69 23.6 24.2 36.4#
84 93.4 69.8 104.8





#33

Benzene

Concen: 0.618 ug/L

RT: 5.15 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VV007996.D

Acq: 01 Oct 2018 15:50

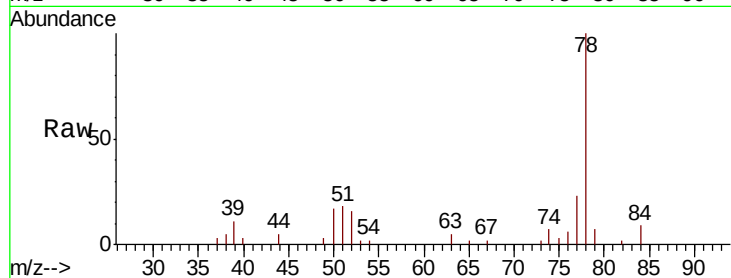
Instrument :

MSVOA_V

ClientSampleId :

E62S7

Tgt Ion: 78 Resp: 15067



Abundance Ion 78.10 (77.80 to 78.80): VV0

5.15

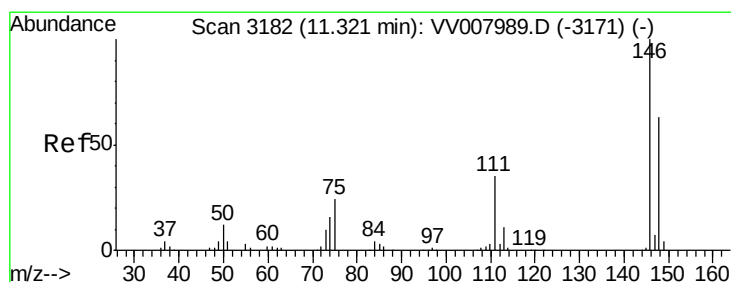
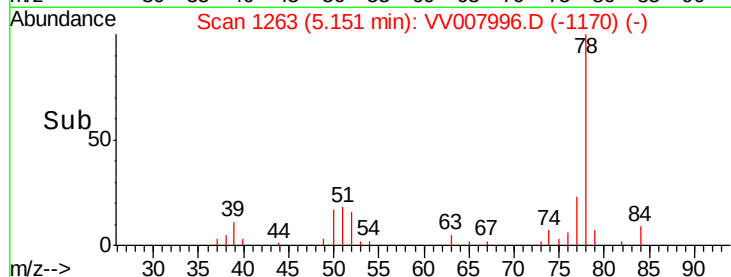
6000

4000

2000

0

Time-->



#63

1,4-Dichlorobenzene

Concen: 0.110 ug/L

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VV007996.D

Acq: 01 Oct 2018 15:50

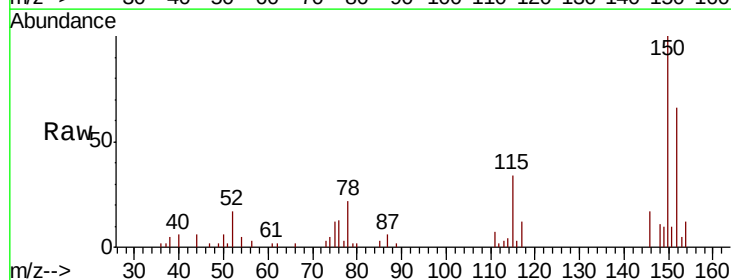
Tgt Ion: 146 Resp: 1591

Ion Ratio Lower Upper

146 100

111 39.7 25.3 47.1

148 65.1 44.7 82.9



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

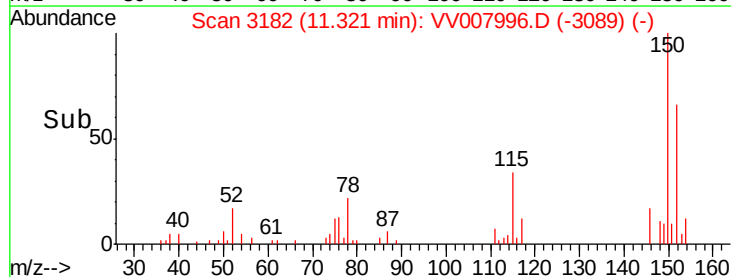
11.32

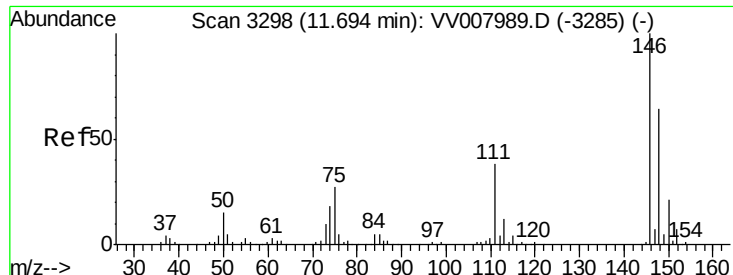
1000

500

0

Time-->





#65
 1,2-Dichlorobenzene
 Concen: 0.153 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VV007996.D
 Acq: 01 Oct 2018 15:50

Instrument :
 MSVOA_V
 ClientSampleId :
 E62S7

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.5	31.2	46.8
148	70.0	50.3	75.5

